Self-Measured Blood Pressure Digital Health Platform Provider Landscape

Getting Ahead of the Hypertension Curve to Select the Most Appropriate Self-Measured Blood Pressure Platform



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Foreword

Improving the diagnosis, treatment and control of hypertension is critical for the American Heart Association to achieve its impact goals and enhance the cardiovascular health of all Americans. Of the 116.4 million adults in the U.S. with hypertension, nearly half don't have the condition under control and many are undiagnosed. Rates of blood pressure (BP) control are disproportionately lower among some racial, ethnic and socioeconomic groups¹. They also have higher rates of obesity, tobacco use, Type 2 diabetes, hyperlipidemia, cardiovascular disease, mortality, shorter lifespan and many other objective measures of health status. The COVID-19 pandemic has dramatically highlighted long-standing social inequities in health care.

In response, the AHA and U.S. Department of Health and Human Services (DHHS) launched the National Hypertension Control Initiative (NHCI) to improve BP and risk factor control in under-resourced communities. The goal: to create a healthier, more equitable country.

Hypertension is a silent killer. It often has no obvious signs or symptoms as it progresses and increases risk for heart attack, stroke and other cardiovascular diseases. Ensuring accurate BP measurement is essential to identifying and managing hypertension. The diagnosis and management of hypertension has been based primarily on measurements in health care settings. But BP readings may differ considerably when measured outside the office. Many patients who have elevated BP when measured in the office have normal BP when measured outside the office, a phenomenon dubbed white-coat hypertension. Other patients have normal in-office BP readings and elevated readings outside the office, known as masked hypertension.

Regular out-of-office BP measurements provided through self-measured blood pressure (SMBP) readings help exclude these misclassifications to ensure patients are diagnosed and managed more accurately. SMBP is associated with a reduction in BP and improved BP control. Additional evidence indicates that the benefits of SMBP are greatest when done with co-interventions (educational materials or classes, behavioral change management, medication management, telemonitoring, etc.). Recognizing the potential for SMBP to improve hypertension control, the NHCI calls for the expanded use of SMBP across the more than 350 Health Resources and Services Administration-funded Federally Qualified Health Centers (FQHCs) participating in the initiative.

Device accuracy is fundamental to hypertension control. To accurately measure blood pressure, the device should first be validated for clinical accuracy and then routinely calibrated per the manufacturer's recommendations. The US Blood Pressure Validated Device Listing (VDLTM) or other reliable sources (Hypertension Canada, Stride BP, British and Irish Hypertension Society) indicate if devices have been through rigorous testing and validated for clinical accuracy.

Measurement technique is also critical for accurate BP measurement to inform diagnostic and treatment recommendations. Increasing the BP measurement knowledge of staff who measure BP and train patients in BP measurement is recommended every 6-12 months to ensure proper patient preparation:



- Avoiding caffeine, tobacco or exercise 30 minutes prior to measurement
- Emptying bladder and resting for five minutes prior to measurement
- Positioning (back supported, feet uncrossed and flat on the floor, arm supported at heart level)
- Using the correct cuff size (S-M-L-XL)
- Measuring while sitting still, quiet and not distracted by the TV, phone or talking

Preparing patients with education to operate their home device, measure properly and record readings is essential to SMBP.

Since the mere existence and use of home BP monitors doesn't lead to BP control, relaying readings from patient to health care professional remains a critical step to inform clinical decision-making and action — to diagnose hypertension, treatment intensification that includes pharmacologic and non-pharmacologic means. Several methods can transfer measurements, ranging from fully manual (i.e., recording on a paper log that patient brings into their health care professional's office), to intermediate or hybrid (i.e., storing and uploading data manually or into an app, platform or data portal), to fully integrated solutions (from BP device to EHR).

SMBP data platforms, created by a device manufacturer or a third party, represent a growing area of solutions for relaying data from patient to health care professionals. And while there are many SMBP platforms, no single platform addresses all the needs for SMBP. Further, many different EHR vendors are used in outpatient care settings, so a plan for full integration needs to consider the BP device, data transfer strategy and the receiving EHR, while recognizing many combinations of these technical components.

The AHA's Center for Health Technology & Innovation conducted a Digital Health Platform Provider Landscape Analysis to provide a resource for FQHCs and other health care entities. FQHCs can use this landscape analysis to identify and select the most appropriate platform(s) to meet the SMBP objectives outlined in the NHCI and beyond. Our goal is to reduce hypertension and improve cardiovascular health in under-resourced communities.

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Executive Summary | Challenge

- High blood pressure, which is 130/80 mm Hg and higher for most people, is a primary cause of poor cardiovascular health and a primary contributor to heart attack, stroke, other cardiovascular diseases (CVD) and cardiovascular related death.
- Both hypertension and CVD disproportionately affect Black, Hispanic, American Indian and Alaska Native and other people in under-resourced communities.
- The age-adjusted prevalence of hypertension is higher among adult non-Hispanic Black and Hispanic people than among non-Hispanic White people. American Indian and Alaska Native people are also more likely to have hypertension than non-Hispanic White people.
- These disparities can be related to social determinants of health (SDOH) such as income, education, geography, access to health care, diet, transportation options and social norms as well as genetics and other health and environmental issues.
- These long-standing health disparities have become more evident in underresourced communities during the COVID-19 pandemic.

Executive Summary | Solution

- In December 2020, the American Heart Association and U.S. Department of Health and Human Services (DHHS) launched the evidence-based, community-driven National Hypertension Control Initiative.
- The primary goal is to target patients and populations disproportionately impacted with hypertension particularly Blacks, Hispanics, American Indians and Alaskan Natives. Consider "equip priority patients with home monitoring devices", "equip priority patients with media messages..."
- Provide evidence-based education and support for health care professionals to integrate SMBP into their clinical practice and care processes.
- Equip patients with home monitoring devices.
- Engage patients with media messages, community outreach and training to help them control their BP more effectively.
- Integrate SMBP into the management of hypertension....in patients and populations disproportionately impacted with hypertension across the nation.

Executive Summary | Technology

- With access to validated blood pressure measurement devices, patients can be trained to use SMBP to routinely monitor their BP at home or other convenient locations.
- BP readings are automatically transmitted to their health care professionals using cellular or Bluetooth technology, depending on the SMBP device used.
- Health care professionals use the readings to make and adjust management recommendations for pharmacologic intervention and lifestyle changes that may reduce BP and lower cardiovascular risk.
- Multiple studies and clinical experience have shown that integrating SMBP into care can reduce hypertension.
- No single platform meets the needs of all patients and community health centers, and there's no publicly available comparison of SMBP platforms/ devices' capabilities and features.
- This SMBP Digital Health Landscape Analysis will help community health centers and other health care professionals evaluate available digital health platforms.

The analysis is not intended to recommend specific platforms, but to provide information that can help community health centers and other health care professionals identify the most appropriate platform(s) for their community, patients, needs, resources and technology capabilities.

Key Insights

In early 2021, the American Heart Association's Center for Health Technology & Innovation identified 24 SMBP platforms to participate in an email survey. Twenty platforms responded in March and April 2021 to the same 27 questions to detail their business models, technologies, measurement and reporting capabilities, social media integration and other BP-related attributes.



Only five platforms had prior experience with HRSA or other government grant programs at the time of the survey. Prior experience navigating the platform and device acquisition processes part of the government grants that fund community health centers is helpful, but not vital.



Platforms use a variety of business and delivery models, including Software as a Service (SAAS), Platform as a Service (PAAS), Device as a Service (DAAS), remote patient monitoring (RPM), SMBP, device + app, EHR light and others. Decision-makers should recognize that the local electronic health record (EHR) and other elements that make up the existing community health center technology platform may link more easily — or less easily — with different business and delivery models.



Only nine platforms use a validated SMBP device from the Validated Device List (VDL)

https://www.validatebp.org/. The Centers for Medicare and Medicaid Services (CMS) requires the use of a validated SMBP device for reimbursement. Other payers may have other validation requirements. Food and Drug Administration marketing authorization does not guarantee a SMBP device can deliver clinically accurate BP readings.



BP readings can be transmitted using Bluetooth or cellular technology. The choice of communications technology depends largely on which is more readily available for patients where they normally use their SMBP device. If the necessary communication link is not available, some devices can store readings and transmit data later.



No one platform meets all needs and health center capabilities may change significantly within a short period.



The device and integration technology landscape is changing rapidly.

Introduction and Purpose

Hypertension is a primary cause of poor cardiovascular health and a major contributor to cardiovascular disease and cardiovascular -related mortality in Black, Hispanic, American Indian and Alaska Native and other people in under-resourced communities. Further, the COVID-19 pandemic has highlighted differences in care and outcomes across different communities. Like hypertension, COVID-19 is hitting some communities much harder than others.

The American Heart Association and the U.S. Department of Health and Human Services (DHHS) recognized the challenge of social and health inequities with the National Hypertension Control Initiative (NHCI). Launched in December 2020, our collective aim is to reduce hypertension and improve cardiovascular health in under-resourced communities. Our strategy is to elevate the quality of care delivered in health centers funded by the Health Resources and Services Administration (HRSA) by providing evidence-based education to health care professionals and engaging patients with training to effectively control their hypertension. The AHA will also leverage and expand its existing hypertension programs in 350 Federally Qualified Health Centers (FQHCs).

35% of total US population has hypertension



An estimated 116.4 million adults in the United States have hypertension — about 35% of the total population and 45% of all adults. By age 60, three-quarters of adults in America have hypertension¹. Nearly half of adults don't have hypertension under control and a significant percentage of the condition goes undetected. Lowering blood pressure can decrease the incidence of cardiovascular disease including stroke, heart attack and heart failure.

Improving the diagnosis, treatment and control of hypertension is critical to the American Heart Association achieving its Impact Goal to advance cardiovascular health for all, including identifying and removing barriers to health care access and quality by 2024. Improving the awareness and control of hypertension is particularly important in Black, Hispanic and American Indian and Alaska Native people, who are disproportionately affected by hypertension, cardiovascular disease and cardiovascular mortality.



More Likely To Have Hypertension

The age-adjusted prevalence of hypertension is higher among adult non-Hispanic Black and Hispanic people than among non-Hispanic White people¹. People who are American Indian and Alaska Native are more likely to have hypertension than non-Hispanic White people². Social determinants of health such as income, geography, environment, access to health care, educational level, dietary habits, transportation options and social norms also play important roles in the prevalence of hypertension and control rates³.

The NHCI opens a new front in the fight against long-standing health disparities that the COVID-19 pandemic has starkly exposed. The DHHS Office of Minority Health (OMH), HRSA Bureau of Primary Health Care and American Heart Association are moving to improve blood pressure control among the nation's under-resourced populations, including racial, ethnic and socioeconomic groups. The three-year project will integrate remote self-measured blood pressure (SMBP) monitoring technology into the management of hypertension for patients served by participating HRSA-funded health centers.

The initiative supports targeted patient and public education programs on blood pressure awareness and education to reach Black, Latino, American Indian and Alaska Native and other impacted people, businesses and organizations with culturally and linguistically appropriate messages. NHCI also engages health care professionals with targeted technical assistance, training and skills-building to embed blood pressure monitoring and management best practices in clinical settings, particularly health centers that serve at-risk communities.

Part of that education and engagement is promoting the use of SMBP by patients outside the clinical setting. SMBP is an evidence-based approach for out-of-office BP measurement that shows significant promise for improving hypertension diagnosis and management, per the 2017 American Heart Association/ACC Guideline on the Diagnosis and Management of Hypertension³. An American Heart Association and American Medical Association (AMA) joint policy statement reviews the evidence supporting the use of



Multiple national and international hypertension guidelines support the use of SMBP to manage and/ or diagnose high BP. Best practices of SMBP include using validated devices with appropriately sized cuffs and a standardized protocol for BP measurement and monitoring. Some payers, including the Centers for Medicare and Medicaid Services (CMS), which oversees Medicaid and Medicare payments, require the use of validated devices such as those listed on the US Blood Pressure Validated Device Listing (VDL™) https://www.validatebp.org/. Validation and Food and Drug Administration marketing authorization (510(k)) are not the same thing. Securing FDA clearance does not guarantee that a SMBP device can deliver clinically accurate BP readings.

Higher blood pressure readings measured in the home are associated with increased cardiovascular risk, independent of office BP measurements. While there is a lack of strong evidence showing that SMBP is superior to ambulatory blood pressure monitoring (ABPM) and vice versa for predicting cardiovascular risk, the 2017 Guideline for High Blood Pressure in Adults concluded SMBP is a more practical approach than ABPM in clinical practice, particularly for people taking antihypertensive medication. The use of SMBP without co-interventions versus usual care is associated with moderate reductions in SBP and DBP at six months. The use of SMBP with co-interventions versus usual care is associated with moderate reductions in SBP and DBP and improved BP control at 12 months. The benefits of lowering BP and BP control are greatest when SMBP is conducted along with co-interventions.

In addition to undiagnosed and poorly controlled hypertension, two other factors complicate successful identification and management of BP. White-coat hypertension is the temporary elevation of BP in a health care setting. People with otherwise normal BP may become anxious and tense when visiting a health care professional, resulting in elevated BP. Visiting a health care professional can also have the opposite effect, temporarily reducing an otherwise elevated BP, a condition known as masked hypertension. SMBP may identify both white-coat and masked hypertension to enhance BP identification and management to reduce cardiovascular risk and improve long-term cardiovascular health.

Effective Use of Self-Measured Blood Pressure (SMBP)

The AHA and AMA have collaborated to produce an online guide on the appropriate use of SMBP in TARGET: BP. Key steps include:



Use a SMBP device that measures BP at the upper arm using a cuff that fits each person. One cuff size does not fit everyone.



Use a standardized protocol to measure and monitor BP.



Use devices that have been validated and are on the US Blood Pressure Validated Device
Listing (VDL™) https://www.validatebp.org/ or other reliable sources (Hypertension Canada,
Stride BP, British and Irish Hypertension Society). Validation is different from the Food and Drug
Administration's marketing authorization (510(k)). Securing FDA clearance does not guarantee
a SMBP device can deliver clinically accurate BP readings.



Use devices that store readings, if possible. SMBP requires transmission of BP data to the health care professional, usually using Bluetooth or cellular technology. Some people aren't always within range of the needed Bluetooth or cell signal when taking a BP reading. But the data will not be lost if the monitoring device stores the reading for later transmission.



BP readings should be transferred electronically to health care professionals through the EHR, if possible. Printed readings are acceptable if EHR access is not available — but printed records can be misread or mislaid and are more time-consuming to integrate into care planning than EHR data.



Monitoring Schedule - A common recommendation is that self-measured BP monitoring be based on 2 measurements taken at least 1 minute apart in the morning and evening (ie, 4 readings per day) optimally for 7 days (ie, 28 readings total) with a minimum of 3 days (ie, 12 readings total). For each monitoring period, the average of all SBP and DBP readings should be obtained to assess BP, The "eyeball method" (i.e., visually scanning the readings to determine the presence of high BP or BP control) should be avoided. Once BP control is achieved and BP remains stable for several months, monitoring 1 to 3 days every week is probably sufficient⁴.

Barriers to Widespread Use of SMBP

Multiple barriers can prevent successful implementation and use of SMBP at the patient, health care professional and health care system levels.



Patient barriers include:

- Feeling burdened by overly rigid protocols for measurement frequency and duration over extended periods
- · Lack of education about the importance of BP monitoring and the benefits of SMBP
- Lack of feedback and recognition from health care professionals
- · Lack of the needed Bluetooth or cellular links or other technology gaps
- · Out-of-pocket costs for SMBP



Health care professional barriers include:

- · Concerns about potential inaccuracy of monitoring device
- Time needed to educate patients on the benefits and use of SMBP devices
- Training patients to use SMBP devices
- · Adherence to SMBP schedules by patients
- · Concerns about possible patient anxiety associated with SMBP
- · Increased burden on practice operations and staff time
- · Additional time needed to interpret readings
- · Lack of reimbursement for SMBP devices, device training and monitoring by some payers



Health care system barriers include:

- Education of health care professionals and patients regarding the value of SMBP
- Resources and time needed for staff and health care professional training
- Lack of systems for SMBP readings to be transferred from devices to EHRs
- Lack of infrastructure to implement co-interventions that can improve BP management and long-term cardiovascular health
- · Documentation requirements for SMBP coding, billing and reimbursement

Coverage and Payment for SMBP

Although SMBP adoption remains limited, numerous private and commercial payers, as well as Medicaid programs, provide coverage. Medicare provides reimbursement for the collection and interpretation of physiologic data including BP monitoring via CPT code 99091. Platforms or devices that don't transmit patient-generated data to the health care professional are not eligible for reimbursement.

Two CPT codes have supported initial and ongoing SMBP services since Jan. 1, 2020:

99473

SMBP using a device validated for clinical accuracy; patient education/training; and device calibration. This code can only be used once per device, typically when a patient receives education and training facilitated by clinical staff on the set-up and use of a SMBP device that has been validated for clinical accuracy.

99474

Two separate self-measurements one minute apart, twice daily over 30 days (minimum of 12 readings). This code is used to collect and interpret SMBP data when patients use a validated device. The patient and/or caregiver reports the average systolic and diastolic pressures to the physician or other qualified health care professional, who subsequently communicates a management plan to the patient.

Additional details can be found on SMBP CPT $^{\circ}$ coding from the AMA and Target: BP $^{\text{TM}}$ from the American Heart Association/AMA.

Purpose and Scope of this Analysis

The purpose of this SMBP landscape analysis is to inform community health centers to help them identify the most appropriate platform(s) for their community, patients, needs, resources and technology capabilities. It's not intended to determine which platform to use. This landscape analysis is limited to the platforms that support SMBP and does not analyze individual devices or social navigation platforms.

The American Heart Association and American Medical Association provide a guide to design and implement SMBP programs at Target: BP™. Recommendations include staffing, budgeting, scheduling, purchasing and managing SMBP devices, selecting a cuff size, identifying and training trainers, training patients, collecting data, interpreting results and managing patients.

Data and Information Collection Method

The American Heart Association's Center for Health Technology & Innovation invited 24 digital health platform providers via email or phone to participate in the SMBP Digital Health Platform Provider Capabilities Landscape Survey (Appendix A). They were asked to voluntarily submit their responses to 23 questions describing their abilities to provide SMBP and SMBP management services to participating community health centers in accordance with the grant requirements.

Selection criteria included:



Commercial digital health platform providers known by the AHA to offer SMBP devices and/or blood pressure management programs, which included several companies that are members of the AHA's Center for Health Technology & Innovation Innovators' Network.



Commercial digital health platform providers that were recommended or referred to the AHA's SMBP Committee.

The 20 providers (Appendix B) that submitted completed surveys were included in the analysis. No financial payments or other incentives were offered to providers to participate.

Survey instructions were printed at the top of the survey form and in the introductory contact email (Appendix C).

Responses were collected over three weeks. After reviewing initial responses, the AHA's SMBP Committee contacted all 20 platform providers a second time by email (Appendix D) requesting responses to four additional questions (Appendix E). All 20 platform providers responded to the four questions within the requested two weeks (Appendix F).

Key Survey Questions

While the survey contained 27 questions, the authors identified seven groupings of questions that are key to identifying platforms that do, or do not, meet health centers' specific needs. No single platform is likely to match the ideal SMBP platform, but some platforms will come closer than others. Key survery questions included:

1 Business Model

The 20 platforms have adopted a variety of business models:

- Software as a Service (SAAS)
- · Platform as a Service (PAAS)
- Device as a Service (DAAS)
- · Remote patient monitoring (RPM)*
- SMBP
- Digital therapeutics**
- Guideline-directed medical therapy (GDMT)

*RPM is a technology that enables health care centers to monitor patients outside of the conventional health care setting. RPM is similar to SMBP but uses different billing codes.

**Digital therapeutics is a subset of digital health focused on evidence-based therapeutic interventions to manage specific conditions.

2 Description of Solution

The providers variously identify themselves as provider platform, patient platform, device plus app, mobile app, EHR light, a kiosk and other terms.

(3) Prior Experience with HRSA or other Government Grants

Most platforms (15 of 20) have no prior experience with HRSA or other government grants.

4 Blood Pressure Device Cuffs

Accurate measurement with SMBP devices requires the use of the correct cuff size for the patient (S-M-L-XL); otherwise, readings are falsely increased or decreased. Most of the platforms (16) allow for different cuff sizes. There is no additional cost for different cuff sizes in most platforms.

(5) Device Validation

Using a validated device is a key element of SMBP and required for CMS reimbursement.

But only nine of the platforms have devices on the US Blood Pressure Validated Device Listing (VDLTM)

https://www.validatebp.org/ (Appendix F). Validation requirements set by other payers may be different.

To address this validation challenge, the AMA is working with the National Opinion Research Center at the University of Chicago to design and manage the validation process. An independent review committee of subject matter experts assesses whether the device has met the validation criteria for clinical accuracy.

https://www.validatebp.org/manufacturers/.

FDA approval does not imply that the device has been validated for clinical accuracy. The AMA recommends that all automated BP devices be submitted to the VDL for validation.

(6) Data Transmission and Telemedicine

The platforms in this analysis are split evenly between Bluetooth and cellular transmission of blood pressure data. While some of the platforms also allow the patient or health care professional to manually enter data, Bluetooth or cellular transmission technology allows for automated data transfer from the device to an app or platform. Bluetooth devices connect via Wi-Fi, so intermittent access to Wi-Fi, at a minimum, is required. Cellular devices connect through cellular signal, so intermittent access to a signal, at a minimum, is required. Either technology may be preferable for a patient depending on their technology capabilities and access. But connectivity may not always be possible due to lack of internet/broadband access, which are often due to geographic or financial barriers.

Eleven of the platforms have telemedicine capabilities.

7 Care Plans and Social Navigation Platforms

Most of the platforms use care plans to provide additional coaching, alerts, prompts and distance learning to help patients manage their blood pressure. The AHA's Blood Pressure CarePlan is a science-based approach https://ahahealthtech.org/videos/aha-chti-digital-care-plans/ that's used by nine of the platforms. Seven of the platforms also use social navigation platforms to help their patients access the resources they may need to use their device more easily and effectively.

Presentation of Information

The information is presented as tables that list the survey questions. One combined table includes all 20 respondents, followed by separate tables for each respondent.



AHA Self-Measured Blood Pressure Initiative - Digital Health Platform Provider Capability

	A&D Medical View Individually	AliveCor View Individually	AMA Innovations, Inc. (Verifi Health) View Individually	Canary Telehealth View Individually	Certintell Telehealth (Powered by Link4life) View Individually	Continuity Health Solutions View Individually	Heka Health, Inc. View Individually	Hello Heart, Inc. View Individually	Higi View Individually	Hoy Health View Individually	Indie Health / Monitored Therapeutics Inc. (MTI) View Individually	Indie Health / Verustat View Individually	Lumi Health View Individually	mmHg (Millimetres Mercury) Inc. View Individually	Pack Health, LLC View Individually	PharmaSmart View Individually	Preventric Diagnostics, LLC View Individually	Reach View Individually	TimeDoc Health View Individually	TupeloLife Digital Therapeutics View Individually
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BUSINESS MODEL DESCRIPTION OF YOUR PLATFORM / SOLUTION	blood pressure monitor, a free user mobile application, and an optional provider portal to support hypertension management. Our solution is highly flexibile to allow providers choose which users to enroll in the provider portal and control when they can graduate	Device + App Currently patients can buy an omron cuff and kardia device 1L or 6L to use with our free kardia mobile (KM) app to self-monitor and trend their blood pressure and ecg data. Users can also subscribe to KardiaCare our \$99/year subscription with premium features including advanced ecg algorithms (3 new algorithms), medication tracking, clinician reviews, health health summary report etc. Through our partnership with Omron, we have the ability to connect with Omron BP devices within our KM app and transfer/manage the BP data to our backend provider portal (Kpro) along with our KM data. Our single lead ECG technology is included in the Omron Complete (BP+1L ECG)/BP 7900 combination device. This gives us the ability to capture simultaneous BP and ECG recordings within our app and Kpro. This gives us the ability to manage both BP and ECG data (either from discrete devices or from the combination device) for hypertensive patients. Remote Patient Monitoring We currently have a provider portal where patients with an omron bp cuff and kardia device can pay a monthly fee to have their doctor connected to receive and review their blood pressure, ecg, and weight data. They can also download a report with this data.	managing self-measured blood pressure via a streamlined/integrated workflow, while driving patient engagement and affinity. Rooted in AMA's mission and experience, our solution is designed to deliver clinical and operational value at a highly desirable price point to drive mass adoption and help catalyze the industry.	BP self-monitoring using bluetooth-enabled devices or manual entry along with education and feedback delivered via an app Clinical nurse monitoring (optional)	Remote Patient Monitoring platform, devices clinical staff (care management services) & Video Telehealth Platform	Since 2010 FDA approval Continuity Health Solutions has offered ally* Connected Care Platform as a Software As A Service (SaaS) to Care Organizations and to vendors as Software as a Medical Device (SAMD) All models are offered on a Per Member Per Month (PPPM) model with a initial setup fee and training cost.	Highly customizable SMBP mobile app + cloud based platform	smartphone application which empowers users to identify health risks in time and implement change to potentially save lives. Our clinical outcomes are best in class,	measure, track and act on their health data by bridging physical and digital touch points of the healthcare ecosystem. In service of health systems, health plans, retailers and consumer healthcare brands, Higi's omni-channel platform meets consumers in their communities, at home and on the go. Our partners connect with the consumers they care for through our nationwide network of 10,000 FDA-cleared, free-to-use self-screening Smart Health Stations, home health devices, digital and mobile tools.	Hoy Health offers a end to end remote patient monitoring service to assist medical providers in managing their spanish speaking patient populations across the USA and Latin America.	(hospital, clinic, etc.). We have Cardio-Respiratory Action Plans integrated into the	Remote Physiological Monitoring Web portal and app access for all patient data. Patients, providers, and other members of the healthcare team can easily access the patient readings.	medical records for all medication improvement opportunities and provides clinicans	SaaS Model. Pricing is per patient per month. Enterprise pricing for larger patient numbers also available for reduced cost. Focus is on sustainably priced solutions that promote best practice.	Digital Patient Engagement Platform to improve health outcomes for 25+ chronic conditions, including Hypertension, Dyslipidemia, and Congestive Heart Failure.	PharmaSmart is the world's leading manufacturer of advanced, clinically validated blood pressure, weight, and BMI kiosks for public use. The kiosks also support integration with leading glucose meters supporting diabetes management programs. The only kiosk listed on the US Blood Pressure Validated Device List**, PharmaSmart offers clinical-grade blood pressure and weight screening, along with innovative patient engagement, connectivity, and population health management solutions.	monthly fee per device charged to the physician practice. Cost recovery for clinics is available under active CPT coding 93784 & 93050.	Annual Subscription; Comprehensive whole person wellness platform providing RPM, telehealth, education, exercise, and online communities that support chronic disease management and a speciality platform for pregnant women with a focus on maternal mortality and morbidity prevention, and support for at risk pregnant women.	TimeDoc Health offers a cellular-enabled blood pressure device that automatically pushes patient readings into our proprietary web-based platform. Our software can easily integrate with most ambulatory health record systems, allowing patient submitted vitals to be available directly from the patient chart. We also offer remote care services through our in-house team of medically trained professionals who can review patient readings and provide monthly one-on-one health coaching and education.	TupeloLife Digital Therapeutics is pleased to offer the Precision Care Platform (PCP) for remote patient engagement and management of chronic conditions to include hypertension. The PCP delivers an omni-channel approach to remote patient management which combines, cellular-enabled blood pressure monitors, the AHA Hypertension CarePlan, and human health coaching/monitoring. Our devices utilize SIM technology to safely and securely transmit blood pressure readings to the PCP which consists of a patient's private portal and a healthcare provider portal. The Patient's PCP Dashboard is made up of the Life Simple 7 principles to help patients adhere by those practices that help lead a heart healthy life. Our platform can also take activity tracker data from Apple Watch, Fitbit and Google Health. It also has an AI BOT and an interactive component that asks a series of questions based on the day, which empowers and educates the patient to take control of their BP. At the same time, those data points along with their BP readings are transmitted to the healthcare provider PCP portal where that data can be further analyzed by a clinician. The AHA CarePlan serves as a guide for the clinic staff to know what to ask and what content to discuss to best manage patients in this program. For patients apprehensive or unwilling to utilize a computer or mobile device, we have also created a hardcover CarePlan manual, designed for the patients to use and enter data points of information on their health that can be share with their clinical staff and continue to follow the AHA CarePlan standards. We have flexible terms to meet a variety of needs and budgets. We have a turnkey program which includes the devices, monthly cellular connections, PCP provider/patient portal access and a nurse management support. Alternatively, we can also provide the cellular based devices with a monthly cellular connectivity fee which includes access to both the PCP patient and healthcare provider portal. Access comes with an unlimited seat licenses so
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	We have longstanding relationships with a wide array of government organizations.	NHS (England), Veteran Affairs (VA)	AMA Innovations is a wholly owned subsidiary of the AMA, with a wealth of experience collaborating with public agencies and government organizations.	FQHCs, Medicaid, Medicare	Certintell is currently contracted with over 100 FQHCs for our telehealth/Care Management/Remote Patient Monitoring Services	Yes, CHS has existence with organization similar to HRSA. CHS was selected to support all American Heat Association Innovation Center Members with the consumption of the AHA Science from Nov 2018 today.	Experience focused on healthcare provider systems and non-profit associations (e.g., AMA, AHA)	N/A	None	Working with FQHC's across the USA currently	No response	Medicare	Extensive experience in Medicaid nationally. Involved with New York Medicaid's DSRIP initiative both on the Medicaid and provider sides.	mmHg has partnered with several clinical organizations, and primary care advisory groups, to deliver technology-assisted self measured blood pressure programs to FQHCs, as part of the recent supplemental funding for hypertension (NHCI-HC) program. We have also partnered with clinical groups to support their remote patient monitoring needs for the FCC Telehealth Program.	Multiple Federal Grants from OMH, CDC and AHRQ in collaboration with academic research institutes and non-profits, in addition to FQHC-based programs.	PharmaSmart serves numerous state, county and munipal installations. We also serve US Government sites, including military and State Department installations.	Submitted proposal to assist with CDC grant to University of Alabama at the request of the Dean of the College of Community Health Sciences. Proposal is currently under active review. A copy of the proposal is provided as an appendix to this response.	Promoter and participant of the hypertension management and prevention programs led by the Office of Women's Health.	We work with 45+ FQHCs across the country to provide virtual care management software and services spanning chronic care management, behavioral health integration, and remote patient monitoring.	
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Model # UA-651BLE A&D Medical Premium Upper Arm Wireless Blood Pressure Monitor with Wide Range Cuff fits most arms (22-42 cm). Model # UB-1100BLE A&D UltraConnect Wireless Wrist Blood Pressure Monitor. Model # UA-651 A&D Blood Pressure Monitor with Wide Range Cuff fits most arms (22-42 cm). This monitor can be used as a manual entry device.	Omron Evolv Portable Cuff, Omron Complete (1L ECG + BP Cuff) Other Omrom devices we support are listed below: HEM-7600T-Z, HEM-7321T-ZV, HEM-7321T-CA, HEM-7320T-ZV, HEM-7320T-CA, HEM-7321T_TI-Z, HEM-7321T_TI-CA, HEM-7320T_TI-Z, HEM-7320T_TI-CA, HEM-6320T-Z, HEM-6321T-Z, HEM-7320T-CACS, HEM-7530T-Z, HEM-6231T-Z, HEM-6232T-Z, HEM-7150T-Z, HEM-7340T-Z, HEM-7342T-Z, HEM-7151T-Z, HEM-7341T-Z, HEM-7343T-Z, HEM-7150T-CA, HEM-7340T-CA, HEM-7342T-CA, HEM-8725T-WM	Verifi Health integrates with clinically validated devices on the US Blood Pressure Validated Device Listing. Our program is vendor agnostic with options for providing devices.	Home blood pressure monitor available in Standard, XL, and XS cuff sizes	Body Trace BP Monitor, A&D Deluxe Connected BP Monitor	CHS supports multiple different medical devices of which support over 100 connected devices, Our standard Blood Pressure values (systolic/diastolic , heart rate, respiration) from the following vendors : Omron (7 models), and Medical (5 models), Indi Health (1 model), Fora Care (5 Models)	Integrates through BT and BTLE to 3rd party connected BP devices such as A&D Medical	Participants receive a wireless FDA-cleared personal blood pressure device and cuff that connects to the Hello Heart App, which is HIPAA compliant and compatible with Android and iPhone devices.	There are two Higi Station models and associated blood pressure measurement systems that have received FDA clearance in the USA and a Medical License from Health Canada for use in adult and pediatric (children 13 and older) patient populations. These regulatory bodies permit the cuff to accommodate upper arm sizes from 8.66 to 17.12 inches (22 to 43.48 cm) in circumference and measure over a blood pressure range of 40 – 260 mmHg for systolic and 20-200 mmHg for diastolic values.	AndesFIT Standard Blue Tooth Connected Cuff, Foracare Standard Bluetooth Cuff, Mintti Standard Bluetooth Cuff	Indie Health Blood Pressure Model 51-1490. Upper Arm Bluetooth Low Energy Blood Pressure Monitor with a Wide-range Cuff- 22 to 42 cm.	Upper Arm Bluetooth Low Energy Blood Pressure Monitor with a Wide-range Cuff - 22 to 42 cm	BodyTrace BT-105 (Standard Cuff)	Focus on clinically validated devices including all devices on validatebp.org. Device agnostic. Cuff selection is per vendor. Currently have 28 Bluetooth-enabled devices (all with clinical validation) on the platform and adding more.	Wireless BP Measuring with standard cuffs and mini cuffs	PharmaSmart kiosks employ a single, patented upper arm blood pressure cuff that provides clinically validated readings on a very wide range of adult arm sizes, including obese and cone-shaped arms, which are challenging for any blood pressure system.	Preventric's BPro wearable is the world only sensor based clinical BP device, specifically designed for Ambulatory Blood Pressure Monitoring (ABPM)	Standard arm cuff, wrist, and wearble through our partners A&D and Omron We also provide BLE enabled weight scales, glucometers, pulse oximeters, and thermometers."	Standard Cuff	Cellular-enabled Standard Cuff
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	No response	Most of the cuffs support 9" to 17" at no additional cost	See above	Yes	Our clinically validated BP Meter does allow for different cuff sizes. If an adult does need an extra-large cuff there is an additional cost. Our standard large cuff fits most arms.	No additional cost. All cuffs are priced the same.	Heka Health does not provide BP measuring devices but connects to 3rd party devices such as A&D Medical. A&D Medical does provide different cuff sizes, which there is an additional cost for.	Yes, our device allows for different size cuffs at no additional cost.	We are currently developing a new version of the Station that may incorporate different size cuffs to accommodate various arm circumferences. However, in order to qualify our existing network on the VDL list, we only offer the single size in 2021.	No	One optional cuff: 22-32cm Price: \$10.99	Yes, Average cost is \$10.99 for XS or XL cuff.	No additional costs	Device agnostic solution - do not control / interact with the costs of the hardware solutions including different cuff costs.	An adjustable cuff and/or standard wide cuff can be made available. We would bill these back as part of the program at cost.	PharmaSmart Kiosks employ a patented, clinically validated ("universal") cuff that accomodates adult upper-arm circumference sizes from Small to XL. No additional cuffs are necessary.	No. Each device packaging includes three size bands - small, medium and large.	Yes the devices allow for a larger cuff size. There is an extra cost for the larger size cuff.	We have additional cuff sizes for NO extra cost	Standard size cuff available only. 22-42cm (8.6-16.5in.)
WHICH OF THE DEVICES LISTED ARE VALIDATED?	UA-651BLE UB-1100BLE UA-651 Our blood pressure monitors are rigorously tested and validated independently to meet clinical standards.	Omron complete/BP 7900 listed on U.S. VDL (validated device listing) and tested by following protocols: ESH-IP (European Society of Hypertension International Protocol), AAMI (Association for the Advancement of Medical Instrumentation). Omron complete is also listed on https://www.validatebp.org/ Please see Omron devices in column E that we support. See Omron's full list of clinical validation on their website https://omronhealthcare.com/service-and-support/clinical-validation/ https://www.validatebp.org/	All Verifi Health device integrations are validated per the US BP VDL.	Welch Allyn RPM-BP100 (bluetooth) Any device on validated list can be used for manual entry	Both	We have only listed validated devices. We do have more international products that do not apply to USA that could be pursued if required.	A&D Medical, one of our strategic partners, have a range of validated BP monitoring devices	The wireless personal blood pressure cuff is FDA-cleared. The clinical improvement with the Hello Heart App has been validated in peer-reviewed published literature (Kaplan AL, Cohen ER, Zimlichman E. Improving patient engagement in self-measured blood pressure monitoring using a mobile health technology. Health Inf Sci Syst. 2017;5(1):4).	All 3 devices are in the process of device validation at 2 leading academic research labs, with expected completion in summer 2021.	All	Indie Health Blood Pressure Model 51-1490 The BP Monitor is FDA cleared.	The BP Monitor is FDA cleared	BT-105 is FDA Validated (we also offer a BodyTrace Weight Scale - BT-005)	All - Bluetooth pair with all devices on the validatebp.org validated device listing.	Omron 10 Series Wireless BP7450, Omron 5 Series Wireless BP7250, Omron 7 Series Wireless BP7350, Omron Complete Wireless BP7900, Omron Gold Upper Arm BP5350, Omron Platinum Upper Arm BP5450, Omron Silver Wireless BP5250	All Models are validated and on the VDL™ listing: PS-1000, PS-2000, PS-2000D	BPro is an FDA Cleared Class II Medical Device	All: A&D and Omron	NA NA	Blood Pressure Cuff is FDA Cleared
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Bluetooth or manual entry	No response	Verifi Health integrates with Bluetooth, manual, and cellular devices	Bluetooth or manual data entry; Cellular or WiFi transmission	Body Trace (Celluar), A&D (Celluar via a Stel Hub)	CHS ally® Connected Care Platform supports multiple patient participation models including: Patient downloadable Mobile Application, Locked down Tablet deployment, Connected Device Hubs (No User Interface) that can we used in combination with Surveys performed on Alexa or Interactive Voice Response Phone call. Please note that ally® Connected Care does support "Self reported" blood pressure data via Alexa or IVR call. The VA has adopted IVR as cost effective method of gaining enrollee/patient participating in programs.	BT, BTLE to app; option to enable manual entry	The data is transmitted using bluetooth technology.	Data from Higi devices can be transmitted via cellular, LAN or Wifi connections.	Prognosis, Health Gorilla EHI	The data is transmitted via BLE from the BP unit to Smart Phone/Tablet. The Smart phone/tablet will then upload the data to the Portal via WiFi or Cellular.	Bluetooth	Cellular	Bluetooth to smartphone (iOS and Android - free download for patients). Smartphone to cloud server. Cloud server viewed through clinician portal. HIPPA, PIPEDA compliant. Country-specific servers. US data stay in US. Can support cellular and WiFi based hubs.	Depending on the device used and the user preferences, data may be transmitted via Bluetooth, and/or manually. We use Validic to transfer downloaded data into our sys	ell, 3G and 4G Wireless em. Bluetooth Wi-Fi Wired Ethernet	BPro reports are generated in PDF format on a desktop machine and can be appended patient records within EHR.	Bluetooth, BLE and manual; we provide a hub device that connects via bluetooth to the BP monitor and routes the data via LTE/5G or wifi. We also provide support for BYOD (patients use of their own cellular device) to which the BP monitor, and other devices connect and transmit via cellular or wifi.	Cellular - using LTE CAT M1 technology. Officially known as CAT M1, this technology is a low-power wide-area (LPWA) cellular technology specializing in transferring low to medium amounts of data (200 – 400 kbps) across a wide geographical range.	Cellular Transfer
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRs YOU CONNECT WITH)	API available for third party integrations	Not yet	Verifi Health allows 1) seamless exchange of clinical data between the EHR and Verifi Health portal and/or 2) the ability to launch Verifi Health within the EHR. The solution can be integrated with Epic,eClinicalWorks, NextGen, Cerner, Allscripts, and other clinical systems upon request.	Integration with any provider with HL7 platform or open API	We connect/share data with all ambulatory EHRs	CHS ally® Connected Care Platform Supports: 1) Traditional HL7 .2x 2) HL7 3.0 and 3) Application Program Interface (API) for :Patient Enrollment, Program Enrollment, Program ToDo, Biometric Upload, Patient Observations (all notes , alerts, events,)	Integrate via FHIR or custom integration through partner APIs such as Allscripts. Heka Health's integration with Allscripts have been certified through their developer program	Our mobile application connects with 95% of online electronic medical records (EMR) systems using Human API. This allows participants to import their medical test results directly into the app to construct a comprehensive view of their health status.	Higi has current integrations with both EPIC and Cerner EMRs, as well as pharmacy systems and CRM systems. Our data integration partner has experience integrating with 200+ EMR systems and 700+ practice management systems across 1,100 different versions.	Yes , Devices Provided	We have integrated data from the MTI CarePortal into EPIC, CERNER. We have worked with 3rd party integrators push data from the MTI CarePortal into EHR's and we have worked directly with our customers to move data from the MTI CarePortal to the EHR.	None today. Collaborating with a provider today who can interface the data through a UI design.	Athenα, GE Centricity (developing connection with EClinicalWorks)	Currently creating APIs and working on integration to multiple EMRs (inc. Centricity, e-Clinical Works, All Scripts, and supporting frameworks i.e. Qvera).	Partnership with UniteUs to integrate with multiple EHR platforms	PharmaSmart has a robust API allowing flexible integration options. PharmaSmart has completed integrations with most major pharmacy EHR's, including McKesson and PDX. We are able to work with large and small enterprise organizations to integrate patient data.	Internet/Wifi is not required	We integrate into Cerner, EPIC, Allscripts, and a variety of legacy systems. Reach has adopted industry standards. Our platform is modular in nature, an optimal approach to interoperability as recommended by the ONC. In this way, our platform connects to healthcare systems and any number of EHRs may be plugged in, enabling a highly configurable and adaptable approach to rapid scaling. This is made possible by three core elements of the Reach solution, (1) Reach IRIS for Health; (2) Reach MODEL powered by IRIS and (3) Reach MORE. We deeply RestAPI as well as supprt a variety of integration points including SMART on FHIR.	Bi-directional integrations where vitals are available from the patient chart: athenahealth, Allscripts, eClincialWorks, Greenway Health (Intergy and PrimeSuite), Epic, NextGen, OCHIN, GE Centricity Standard integration, one direction sync where data flows from EHR into TimeDoc Health platform: QuestQuanum, eMDs, AdvancedMD, AllegianceMD, HealthFusion, afoundria, Kareo, SRS Health, Practice Fusion	We offer integration with EHRs, an open API and Software Development Toolkit to facilitate integration
INTERNET / WIFI CONNECTION REQUIREMENTS?	User must have smartphone or tablet with wifi or cellular connectivity	Cuff doesn't require internet, but needs internet/wifi to use app to view or pair cuff readings	Clinical users access Verifi Health through a web-based portal that requires internet access. Wi-Fi is not required for clinical users unless they access the portal through tablets or Wi-Fi-dependent laptops. Patients capture measurements through a mobile phone app that requires a Wi-Fi or cellular connection to the internet for exchange with Verifi Health	Option to connect via users' own cellular or WiFi connectivity OR deploy fully-contained system with tablet and connectivity provided that does not utilize users' connectivity	Internet/WiFi not Required	ally® Connected Care Platform offers Providers flexible data submission according to the patient payer & home environment. They are as follows: 1) Mobile Application Download - Patient owns connectivity 2) Tablet Model - Cellular network can be included or Wi-Fi based on Providers needs 3) Connected Hub - Cellular plan included typically, but Wi-Fi is an option 4) Self Reported (Non - Connected Device -) Interactive Voice Response via Phone call or Amazon Alexa Skill	Basic internet access (via cellular, WiFi) is required to transmit data from app to cloud (conto access cloud interface directly)	BP readings connect via bluetooth to the App. Participants access their data and clinical coaching from their smartphone.	For Higi Health Stations, connectivity options are listed in order of typical reliability from highest to lowest: A. LAN Connection B. WiFi Connection C. Cellular connection Higi's remote monitoring devices do not require Bluetooth sync for data upload, but rather uses SIM card technology for ease of use by consumers.	Application designed for 3rd grade education level	All connection can be made through WiFi or cellular SIM card.	None. We provide cellular enabled HUB or phone and Indie Health AutoPair for BYOD.	Cellular	Smartphone-based, so works based on patient's cellular data. We can also use wifi or cellular enabled hubs if desired.	None	PharmaSmart suports all types of connectivity and has experience working with clients to address security and firewall issues.	BPro reports are generated using a desktop app that may be installed on a local machine or network.	Our prefered partner is AT&T which enables us to provide access to the last mile through AT&Ts FirstNet Network in rural and remote areas. AT&T was the 25 year contract with the Federal Government for serving first responders. Users may also use their own devices or our full kits which come equipped with hub devices that are preconfigured with LTE connectivity. Please note that if a care provider prefers an alternate carrier, Reach will accommodate their request.		None, data is securely transferred via cellular communication
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	End User Mobile App Provider Web based Portal	App, Provider RPM Portal, Telemedicine Platform	Verifi Health partners with mmHg, Inc. to provide patients with a free, patient-facing iOS and Android app specifically designed to 1) assist patients in accurately measuring blood pressure, and 2) reliably exchange all relevant BP data with Verifi Health.	Арр	Internet (web portal accessible via mobile phone on web browser)	ally® Connected Care Platform Web access for Providers Care managers and Social workers, Health Coaches Roles under ally® Care Portal UI. Patient/Family Members: Web Poral, Mobile Application, Voice Command (Amazon Alexa/Google (WIP) falls under simple User Interface, ally® Personal Health Record (PHR).	App, cloud portal, and 3rd party connected BP devices	Users interface with Hello Heart through the Hello Heart App, available with a custom code through the Apple App or Google Play Store.	Partners connect with the consumers they care for through our nationwide network of 10,000 FDA-cleared, free-to-use self-screening Smart Health Stations, home health devices, digital and mobile tools, including Higi.com and the Higi mobile app, avaliable for iOs and Android operating systems. The Higi Health Stations collects BP, pulse and weight, and offer scored assessments for risk of type 2 diabetes and heart attack/stroke.		Yes	Verustat portal and app	Internet (app in development)	Smartphone-based interface for patients. Internet (web) based clinician portal for clinical providers.	We provide an omni-channel (telephone, email, text, app) interface where user can connect via their preferred method.	PharmaSmart Kiosks have user-friendly interface, and newer models allow for customized user journeys (for enterprise customers). We have a high web-based patient web-portal, and mobile-friendly microsite that supports client APP integration.	Preventric currently utilizes a 3rd party CRM for user messaging and alerts. Integration of USER MESSAGING / PROMPTS / ALERTS are in product roadmap, estimated commercial minimum viable product release August 2022	User may access dashboards and education material via app and web browers. Teleconsults are supported on the app. The app is multi-OS and runs on Android and iOS devices. Chrome, Edge, and Safari are all supported browsers.	Wearable - connected to a digital interface that wirelessly transmits patient readings using cellular data	Users have access to the following: 1) A secure progressive web application, that will appear as an app on all mobile device 2) An AI BOT following AHA HTN CarePlans 3) An patient facing interactive application within the portal 4) A hardcover 90-day HTN Control journal
USER MESSAGING / PROMPTS / ALERTS?	 Secure Custom Messaging - providers can send users custom messages and offer users to pre-filled or freeform responses Blood Pressure Series - users can create customized blood pressure series (2 AM, 2 PM) based on guidelines, that will trigger reminders at specified times for a set number of days. 		Via our patient-app, care teams can send secure messages and patients can interact with health coaches and care teams.	Yes via app notifications and text messaging	User Messaging via text, email, phone, push notification in web based portal. Alert/ Prompts via text, phone, email, phone, push notification	Providers affiliated with Enrollee will be notified of variances (Alerts, Score Out of bounds, etc) in the assigned Hypertension Program from Low, Moderate, High status. These Alerts can range from simple biometric boundaries to combinations of Quiz/Assessments with change in biometrics over period of time. Enrollee (Patient) data is analyzed and scored with each submission	In-app notifications, text alerts, email messaging are all available	behavioral "nudges" to incent them to continue their interactions with the App. We have the ability to text and chat; users can set up reminders to take their BP and take their	Our platform drives engagement through out-of-the-box assessments, cohort-driven programs and configurable, partner-branded health surveys that identify health risks and needs and inform our digital referral engine to match and connect consumers with the appropriate partner programs. Messaging, reminders and referrals can be served to consumers via text or email. For users whose blood pressure reading indicates hypertensive crisis, an on-station alert suggests immediate action, as approved by the FDA.	Yes	The MTI CarePortal can send Measurement Reminders, Appointment Reminders, Medication Reminders and Questionnaire Reminders to the patient. Blood Pressure Measurement Reminders help to drive adherence in the program. Also, easy and secure bi-directional communication with patients and care team members via CareText™. Automatically create customizable patient question and answer sessions or a daily diary for patients, or validated questionnaires. Receive alerts for patient status changes or events. Additionally, the MTI CarePortal allows you to build a customized digital CareBooks™. These action plans or workflows automatically communicate measurement reminders, questionnaires, CareTips™, and CareTexts™ to your patients or patient sub-groups. Enables sending educational videos to the patients. The CareBooks™ ensures that your patients treatment plan or protocol will be the same for each patient's Day 1 regardless of the date they start. CareBooks give you the power of control with the freedom of automation.	Real time alerts for all measurements and measurement outside of range	Yes	Patient-provider messaging available. Provider alerts on clincian portal available.	We provide a high touch model with 5-weekly interactions using an omni-channel interface that allows communications via the participants preferred method of phone text, and/or email. Members typically engage once weekly over the phone followed by prompts and complementary resources delivered via text and/or email.	PharmaSmart kiosks alert patients at the end of the BP test if their readings fall in a high category. New models allow for customization of messaging and calls to action, including custom video messaging. The kiosks also provide printed results and custom instructions for the patient. Backend integrations allow for text messaging and emails to patients and alerts pushed to care providers.	Integration of AHA CarePaths, which include USER DASHBOARD / REPORTING are in Preventric's product roadmap, estimated minimum viable product release October 2022.	The platform has messaging and alerts which are configurable by the provider, as well as end user permission can be granted to enable the end user to modify frequency of notifications. Care providers also set protocols which determine the message time, as well as when triggers and alerts are activated.	In Development for Release Fall 2021: Real-time text/email communication from inside TimeDoc Health Platfrom between care provider and patient Manual & Automated text/email messages	Clinics can receive high alerts based on AHA HTN guidelines and custom BP parameters Patient Portal alerts include: • SMS/Text reminders to take BP • SMS/Text reminders to retake elevated readings Healthcare Provider Portal alerts include: • High alert breech on BP based on AHA Guidelines • High alert breech on BP based on MD protocols"
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	No	No	Verifi Health was built around the principles of the AHA/AMA Target:BP program and AMA's MAP BP initiative. The program includes training, education, and careplan resources from AMA's MAP BP program, but can be easily modified or expanded to include licensed resources from AHA.	Not currently	Our remote patient monitoring platform does include the AMA "High Blood Pressure CarePlan". In fact, we have signed up for the most recent care plans and have those integrated into our platform.		The current offering does not include AHA's licensed Careplan but it (or other customize careplan templates) can be integrated as a customization (additional fees dependent of final specification of Care Plan)		Yes	Yes	No	No, but we are open to adding based on volumes and requirements.	Yes	Platform does not currently include the High Blood Pressure Careplan. As a best practice infused platform will work with AHA to integrate.	Not at this time. However, we do currently align our curriculum to AHA's clinical guide for nonpharmacologic therapy and lifestyle management for hypertension.	nes	Yes	Yes	Our offering does include care plans that follow evidence based medicine guidelines and protocols	Yes
USER DASHBOARD / REPORTING?	User Dashboard/Reporting: • Multiple Measurement Types: toggle between 6 measurement types (blood pressure/heart rate, glucose, weight, temperature, respiratory rate, oxygen saturation) • Averaging: At a quick glance, users can see 1 day, 7 days, and 30 days averages for all measurement types • Graphical Visualization: enables users to visualize their data in line graph for easy undertanding • Self Generated Reporting: users can generate data reports for last 30 days, last year, and all time then share with their family, friends or providers. • Provider Dashboard/Reporting • Swipe Average Custom Reporting: create on demand reports using the innovative feature of swipe averaging to quickly and easily create on demand reports		Prioritized patient list based on actionable data with 2-click review. Quality data available from source to care team to drive clinical decision-making with proprietary scoring and data transparency.	Yes	Yes	ally® Connected Care Platform offers a full Suite of preconfigured Dashboards for customers to manage all aspects of RPM/ Translons of Care and Medical Internet of Things (MIoT). Dashboards access are Role and User specific and can offer Global and individual settings. Users have access to 40 preconfigured data centric queries they can be configured to represented data an be placed according to user preference Summary: Population Analytics (6 widgets) Community Analytics (8 widgets) Programs Analytics (11 Widgets) Clinical Analytics (7 widgets) Medical IoT Analytics (14 widgets)	In-app and cloud portal	Reporting at the member level is available in real time via the Hello Heart application. Hello Heart's mobile application provides the participant's full dashboard of information at their fingertips. Participants not only have access to all of their blood pressure readings through the App, they also receive daily, digital coaching, can set up monitoring and medication reminders and send their results to their physician(s) through the App.	performance, general awareness, and engagement rates (e.g. monthly station sessions, number of program joins and digital communication open and click-through rates). In addition, reporting is provided monthly to include aggregate station utilization	Yes	The MTI CarePortal's Clinical Dashboard allows for quick, single-screen monitoring of your patient's status. Quickly triage patients based on your specified metrics and receive actionable data alerts to prioritize care. Standard Metrics include Target Value Blood Pressure, Target Value Weight, Weight Change Metric, FEV1 Progression (Daily Best), Alarms Triggered, to name a few.	Yes	Yes	Clinician portal includes: dashboard, filterable by diagnosis, sortable by column, all vitals including 3day, 7day, 30day BP and HR. Provider alerts, patient onboarding, patent-pending guideline-concordant SwipeAveraging feature enables providers to instantly generate flexible averaging to facilitate best clinical practice. CSV export for analytics available also.	Dashboards, including aggregated data, are available for program partners.	PharmaSmart provides a full suite of population health dashboards for small or enterprise level provider clients.	Integration of AHA CarePaths, which include USER EDUCATION / DISTANCE LEARNING are in Preventric's product roadmap, estimated minimum viable product release August 2022.	There are two dashboards, an end user dashboard and a provider dashboard. Both are updated in near real-time. There are a set of standard reports which may be generated. Additionally the provider may generate ad hoc reports. In addition, patients may generate ad hoc report which they may email to personal caregiver, healthcare provider, and/or patient advocate.	Yes - TimeDoc Health's patient dashboard allows clinics to filter on minutes of care provided, patient adherence to program, active problems, and much more.	Users can print, printer friendly reports outlining BP readings by date and plotted on a graph to better illustrate the person's BP trend. User can customize according to desired timeframe.
USER EDUCATION / DISTANCE LEARNING?	We have embedded rich and useful hypertension content, developed by hypertension specialists, into the user mobile application. This module can be used as references for providers as they guide users through their hypertension management program.	Yes, currently we provide users with detailed descriptions of what their readings (EKG and BP) mean and related heart health information.	Embedded, expert AMA guidance in both provider and patient apps to assist and educate using evidence-based guidelines.	Yes (e.g., measurement technique, nutrition, physical activity, etc.)	Yes	Continuity Health Solutions Trains organizations in one of three options: 1) Onsite Training over 1 or 2 days. 2) Group Online Webinars (limited capacity) and 3) Online User Education Module for self paced training. Users will receive notification of Passing course.	Utlize 3rd party educational modules/content	Users receive "Daily Insights" that they can "like" or "dislike" within the App. This interaction allows the user to continue to personalize the experience based on their own preferences. These insights are given to encourage small behavior changes that add up to healthier choices over time. Further, each time a user takes their BP, it will display their blood pressure reading on a scale of "normal" to "hypertension / hypertensive crisis." The coaching will display, "Here's what it means" and "What you can do about it." In the event of a hypertensive crisis, the display differentiates between the genders, reflecting the difference in symptoms experienced, and guides the user to make the most appropriate choice for their personal situation at the time of the reading (call 911, continue to monitor, etc.).	 Higi provides free subscription to its Higi Health Beats Newsletter, a monthly collection of health tips and news that can help users live a healthier life. Higi uses evidence-based, industry standard digital content from partners such as AHA, ACC, ADA, and the CDC to provide user friendly and appropriate user content. 	Yes	For BYOD, each patient will receive a printed Quick Start Guide to educate on how to use our solution. For patients using the GoHome™ or GoMobile™ they will receive both a printed and electronic Quick Start Guide to educate them on how to use our solution. We also have training videos for some of the technology available on the data collection platforms.	No	Yes	Patient facing BP measurement page includes infographic and BP measurement instructions as per US guidelines. Learn tab includes extensive education on HTN. Available in English, Spanish, French, Chinese. SwipeAveraging teaches clinicians best practice.	Yes. Pack Health is a digital platform with omni-channel communication capabilities meet participant's preferred communication needs. Participants receive an education and support curriculum aligned with their primary therapeutic area. Curricula are reviewed by clinical experts and are aligned with Standards of Care.	PharmaSmart's PS-2000D health kiosk supports immersive video and audio education, including full-feature applications with touch screen functinoality. The kiosks also allow patients to print info to take home, or "send themselves" more info by email or SMS, or scan QR codes for more info or APP downloads. Full customization of the user experience is possible.	Integration of AHA CarePaths, which include USER COACHING are in Preventric's product roadmap, estimated minimum viable product release August 2022.	Reach's platform provides the appropriate health education in combination with patient data to ensure patients understand the information being presented and any necessary steps that need to be followed. American Heart Association Care Plans are integrated into our solution to ensure that patients receive access to evidence based health education .		Our software will provide an AI BOT and an interactive section that will provide AHA Hypertension CarePlan questions. That data will be recorded and submitted to the provider portal, where a nurse and care team can correlate the daily readings to the answers from the CarePlan questions to address gaps in care, address education needs and provide timely healthcare interventions as necessary. The Hypertension Journal will also serve as an educational guide. It will deliver educational content provided by the AHA on heart health, exercise, nutrition, cholesterol, blood glucose and more.
USER COACHING?		No response	Human online care Coaching is available as part of the add-on services offered to Verifi Health SMBP customers	Yes via app, non-clinical support, or nurse/health professional	Yes	ally® Care Portal includes online help in the application. User will be taken to relevant topic for page they are working on. IF "COACHING" is referring to "Coaching the Enrollee/Patient". This is addressed in all American Heart Associations Care Plans or any "Custom" NRSA programs desired.	Handled by 3rd parties	Users receive 24/7 digital coaching directly from the app. Our AI and algorithms drive a unique experience based on gender, comorbidities, age and user persona. Because our program is fully digital, we complement existing condition management and health coaching programs; we offer participants better, real-time, 24/7 insight into their clinical outcomes related to hypertension and heart health.	Higi supprts enrollment in the AHA CarePlan, a personalized, self-guided tool to address hypertension. This offering integrates American Heart Association Science into the Higi platform.	No	Avatar Assisted Technology. MTI's Avatar-Assisted-Technology assures that instructions given to each patient are consistent – every time. Lisa provides verbal pre-test instructions and coaches the patient in any one of twenty-nine languages. For some cardio-pulmonary measurements Lisa reviews the data and provides post-test response. Results automatically uploaded to the MTI Careportal.	Care Coordination Call Center	Yes	BP series alerts available for patients. Provider alerts for high BP sortable and filterable available on clinical portal.	Yes. Each participant is assigned a certified Health Coach with an allied health background.	PharmaSmart PS-2000D features a filmed "virtual physician" who guides the user throught the proper use of the kiosk and educates the patient about blood pressure, obesity, diabetes, and more. The kiosk also obtains patient consent and contact info for organizations that wish to create electronic educational distribution lists.	Integration of SOCIAL CARE NETWORK is in product roadmap, estimated minimum viable product release August 2022.	We offer a variety of coaching materials including daily assessments and guided content through the American Heart Association's Care Plans. We also provide personalized exercise programs certified through the National Society of Health Coaches and provide Health and Fitness Coaches through MyFitScript. Additionally we offer videos that coach the user on how to use the platform and how to properly use their biometric devices, including videos from the American Medical Association and A&D.	Yes - TimeDoc Health offers remote monitoring services that review patient submitted vitals and provide one-on-one patient coaching.	We can provide the option to use our health coaches and nurses, OR the clinic can utilize their clinical coaching team. Either way the health coach will be guided by the CarePlans to better engage the patients routinely and help them take control of their BP.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)		No response	The Verifi Health SMBP platform can be integrated with a wide range of systems to leverage care coaching and make referrals to social care resources for improved access (food, exercise, transportation, etc.) and education. Care coaches are trained to assess HTN social needs and make appropriate referrals to community organizations.	Yes	Aunt Bertha	ally®Connected Care Platform supports user and role access. These roles included: Physician, Administrator, Manager, Care Manager/Nurse, Field Nurse, Patient, Care Giver, Family Member. This allows us to ensure access is associated with the active role of an individual has with a participant. ally® PHR is truly Patient Centric offering management by the patient of members associated with their care. We can also offer our ally® CL (Community Link) functionality that allows us to coordinate care across multiple Provider Entities under one Program curated events or task. This is similar to our Transitions of Care across BSW and Central Texas Office of Agency of Aging.		Hello Heart's digital solution does not have this functionality within the App. Referrals to other Community Connectivity programs can be established.	Higi makes use of several social media platfroms including the Higi Healthcare Blog, facebook and instagram. Our Health Within Reach program is designed to identify SDoH and connect users to local agencies and services via Aunt Bertha or, where appropriate, a curated set of Higi partners.	Yes	Currently MTI has not connected to Social/Community organizations like Aunt Bertha or Unite Us. We are willing to explore this opportunity, if requested.	No No	None but exploring	This function is built, but has not yet been used.	Pack Health integrates with Aunt Bertha and UniteUs to ensure patients have access to local resources they need at the time they need them. Our program is designed to account for and help address social determinants of health (SDOH).	The PharmaSmart PS-2000D can support these platforms on the kiosk as a kiosk APP - driving awareness and usage of these tools at the point of care and time of screening.	Integration for NATIONAL HPP REGISTRY in product roadmap, estimated minimum viable product release August 2022.	Our platform includes access to two critical community environments: Believe Her and Release the Pressure. Believe Her is an online community that includes ambassadors who facilitate a series of online peer groups that are theme based. The second program, Release the Pressure, is focused on addressing issues related to high BP and peer group support through the American Medical Association.	No No	Open to integration with the social care platforms based on lite integration based on hyperlinks or embed links based on the platform.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?		No response	Yes	Unknown	Yes+R4:S4	CHS and our ally® Connected Care platform integrated with multiple EHR, EMR platforms. Once we understand the desired integration points, we can achieve a basic level of integration. If HBP wants to pull data from ally® Connected Care API's on the patient data submitted by FQHC we are confident we can modify or add API's to achieve seamless data flow.	Yes. Would be a custom integration ideally through open API	Hello Heart has the capability to link with a national HPB registry.	Higi sees no obstacles in connecting with a national BP registry via the Higi Data API.	Yes	Yes	No	No	Yes, our product was developed by university-based academic researchers and experts in the field of HTN and is being used by a number of large research organizations in Canada and the US for data collection.		Yes		Yes, data can be linked and presented in registeries using the preferred file formats and delivered to near real time registration.		System is designed/coded with the capabilities to integrate with registries.
IDENTIFIES GAPS IN CARE?		With our app and connected devices we enable medication ekg, bp ,weight, activity, blood sugar, cholesterol, and symptom tracking. Patients and their physicians can use this data, some of which is included in our reports, to identify gaps in care or non-adherence to best practices.	The system allows care teams to assess where patients are in their journeys by assigning each patient to one of three clinically defined SMBP programs – diagnose, control, and maintain. Each program template allows the system to identify those patients who are "on track" and those who may need additional support. Upon identifying patients who may need help, the system can send automated notifications to the patient and create tasks for the appropriate care team members, depending on the need. In addition, patients who are "on track" can be rewarded with system generated positive support notifications.	Yes	Yes	ally® Connected Care Platform offers Provider Organizations the ability to run a "Simple repetitive Protocols" or complex Programs similar to American Heart Association Hypertension Care Plan (242 events over 84 day). This offers single process that may included multiple providers (Nurses, Health Coaches, Social Workers). This can be seen in the "Community Program" Dashboard tracking Open, Pending and Completed task. In addition to results of the Events (assessments, Videos, Action Plans, biometrics) are logged and analyzed with our Natural Language Processing (NLP) and Machine Language (ML) toolsets to identify potential trends and gaps in care.	Can be customized to meet specific requirements	Engagement with the App can be used to identify the individual's willingness to take control of their health. While we do not support other preventive services such as cancer screenings, we can explore how our messaging can be tailored to support such initiatives.	Higi utilizes biometrics devices as well as calculations such as BMI to collect information pertinent to care gaps. In addition, it uses configured surveys and assessments to identify care gaps and drive real-time actions to close gaps in care.	ECW, Cerner, Epic, Intergy, Full FIRE and HL7 capabilites	The MTI Platform is more than a Blood Pressure solution. The MTI Platform simplifies physiologic testing collection for the patient. Using Smartphones, tablets, or other physiological data collection hubs like MTI's GoHome™. Then the MTI CarePortal collects, displays, tracks, trends and alarms on most types of physiologic data, including: • Blood Pressure • Forced Spirometry • Slow Spirometry • Exhaled Nitric Oxide • Pulse Oximetry • Glucose Meters • Weight • Questionnaires • And more	No No	Yes	Through alerts and the clinician dashboard. Future versions will contain digital therapeutics	Yes and we are able to escalate to appropriate member of care team, as needed.	In addition to screening for hypertnsion and obesity, the PS-2000D kiosk also supports surveys, questionairres, and risk assessments to help identify individual and population-level care gaps.	BPro reports are currently generated in PDF format on a desktop machine and can be appended patient records within all EHR's that provide that functionality. Integration with EPIC is part of Phase II MVP in Q4 - 21	The platform program is intended to support the needs of medically underserved communities; provide easy to use remote monitoring, and offer access to care for underserved and hard to reach populations. The platform contains cultutally sensitive content and presents the user with daily assessments to facilitate early detection of potential complications, adverse events, contraindications, and mental health support.	Yes - TimeDoc Health offers care management services through our team of medically trained care managers who specialize in addressing gaps in care and working with patients to work through socioeconomic and other factors that impact patients' health.	The CarePlans will help the clinician understand the patient journey as they follow on the journal, the BOT or the interactive Q&A program online. Throughout this evidenced-based approach, we will be able to identify gaps of care such as identifying the need to take labs such as cholesterol readings, hemoglobin A1C, preventative test such as annual wellness visits, fall risk assessments, cardiac testing and more. The CarePlan will serve to remind both the patient and the nurse on gaps of care described above, plus it will provide the nursing team with enough information to deliver holistic care.
AVAILABLE LANGUAGES?	English, Spanish, French, Simplified Chinese	eriniese (simplinea), eriniese (maartonat), korean, rortagese, sapariese	Clinician-facing – English. Patient-facing – English, Spanish and Mandarin.			English and Spanish. Others are in work for the Patient/Participant. All Master Content is in English and is converted to requested languages. This offers users to edit English only and leverage conversion buy intergraded tools sets.							English, Spanish	English, French, Spanish, Chinese	Integrated with Dynamic Language to allow over the phone translation in 150+ langu		and Spanish.	English (default), Spanish, French, Italian, Portuguese, Russian, Thai, Korean, Chinese, Danish, Swedish, Czech, Polish, Turkish and Greek.	English, Spanish	Language Support Available upon request. The platform is designed and capable to handle multiple languages, currently in English and Spanish.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	No response	We support local units of measure and local languages and keep app design as neutral as possible to address all cultures. Neutral illustrations vs. images of people No				language is recommended prior to deployment. CHS has submitted for our Certificate. Veteran Owned Business		The Spanish App is a strict translation. No, Hello Heart does not possess an official certification or certificate that classifies us as a diverse business						Strict translation. Our measurement page contains culturally adapted, customized avatars - selected by patients. Will continue to add culturally sensitive images for patient users, and can work with provider partners to do this. No. However, big focus on diversity. Support 4 languages and have 8 different avatars representing various ethnicities and cultures - continuing to develop more. Over 50% of		No No	English is currently available with provider facing BProSoft, Spanish can be included in BProSoft product roadmap. Integrated AHA CarePaths currently feature both English and Spanish. No.		No No	No
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No response	No	No		N/A		>51% owned by Asian American	Our Co-Founder and CEO is a majority stakeholder in the company, is female and				No, but we are partial veteran owned.				No	Yes, 62% of Preventic, Inc. is veteren owned and controlled.	We are not a for-profit entity. We are a 501c3 non-profit (Tax ID Tax ID: 81-1957621) which	No	Yes, ownership is 100% minority owned Asian American Owned
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ALASKA NATIVE; NATIVE HAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?								immigrated to the United States from Israel. Additionally, our CTO is female.						Yes. Greater than 51% of mmHg Inc. is owned by individuals of Asian ethnicity and heritage. Greater than 25% woman owned.				We are not a for-profit entity. We are a 501c3 non-profit (Tax ID Tax ID: 81-1957621) which means there are no "owners" per se. However, the founder and lead executive is a minority and woman, and both management/operations and the board is over 51% female and from the racial minority groups listed above.		
USER TRAINING / SUPPORT / MAINTENANCE?	We provide portal training, marketing support, and program guidebooks for users and providers.	In app tutorials, device set up, user manual Training for providers on RPM platform Customer support	End user training (care team and administrative users) and routine support. Software updates and maintenance	Yes: Initial training and ongoing user support. Toll-free number for inbound calls. Reminder calls or texts to disengaged users	Yes	CHS Supports our customers the following ways for Contracted Customers: Training: 1) On Site 2) Group Online Session and 3) User Self taught modules. Support Issues: 8 -8 PM Phone calls 2) online email support 3) online chat within the application. Technical Server Maintenance is performed in off hours usually between 2am - 4 am	In-person and online support	Users can contact our support team via email or phone. We offer training and education on the Hello Heart program to clinical teams and health coaches to assist them with member education.	Higi provides a comprehensive Welcome Kit covering all aspects of the Higi platform, as well as program specific user training. In addition, Higi provides hardware and software maintenance both remotely and on site. Station software updates are done in automated releases. Hardware maintenance includes remote monitoring of the station, annual preventive maintenance as well as on site support, when required.	Yes	MTI will provide training with a philosphy such as "train the trainer".	Yes	Yes	Learn tab for patients teaches them about the app and HTN. Support available for providers including web-based training and troubleshooting. Platform built to be simple and highly usable.	Pack Health provides device training and support from our in-house support team.	Yes	User training is available.	We provide system onboarding training to providers; asynchronous webbased training for end users; and 12-Hour Support, 8am-8pm Eastern Time, Monday-Friday for both patients and providers.	Yes - TimeDoc Health provides a client success manager to each clinic to help train clinic staff and devise workflows that optimize success for the clinic. The client success manager regularly meets with the health center to ensure on-going success for practice and patients	We provide onboarding service to our clinics, ongoing maintenance and software support
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	We can generate population reports in the back end and send on a periodic basis	No response	Enroll and track patients and devices. Document information needed to report CPT SMBP codes and/or clinical quality measures. Track outcomes at the individual and population levels.	Yes. Aggregate reporting and analysis.	Yes	ally® Care Portal supports Multiple roles of administration: Administrator, Manager, Program Administrator, Business Partner Administrator and Business Partner. Access to all features including Reporting and Analytics are administrated from these accosts and their respective users profiles.	Detailed reports handled in administrative cloud portal with reports that can be customized to specific requirements	Hello Heart can report back to the FQHC on participant population metrics, such as changes in BP over time, engagement, as well as a summary/analysis of how participants are engaging with the App. A sample reporting dashboard is included. Hello Heart can	Higi focuses on client goals, defining success measures and assurance that KPI reporting is		The MTI CarePortal has a number of standard administrative tools for reporting and tracking outcomes. The MTI CarePortal's Clinical Dashboard allows for quick, single-screen monitoring of your patient's status. Quickly triage patients based on your specified metrics and receive actionable data alerts to prioritize care. Additionally, the MTI CarePortal has reporting capabilities that address many of administrative needs of our clients and customers. Lastly, if our clients or customers have specific reporting needs we are always willing to explore that request and develop customized reporting solutions.	Tracking monitoring compliance	Yes	CSV export is provided so that providers can analyse their data. Analytics planned in future build.	150+ patient reported outcomes are collected on each participant throughout the engagement. Outcomes are reported back to program partners. Please click here for a list of related publications and presentations.	Full reporting backend supporting population health management and triage care. Flexible data reporting methods including API integration via Google Cloud Platform.	documentation.	All data that is entered in the system can be extracted from the system based on users' privileges. Our system is HIPAA and GDPR compliant. Administrator may set user and monitor, track and report. Agregagtive reports can be generated along with descriptive statistics for tracking outcomes.		Reports include: Hypertension Stratification Report- Outlines your patient population on the program stratified according to the 5 AHA blood pressure categories. The report highlight the number/ percentage of patients that have seen an improvement (or decrease) in their readings from start of the program. Hypertension Trend Report- This report identifies the number of patients who are actively involved and are experiencing positive outcomes. Billing Reports- Census report of patients on service and applicable CPT Codes for billing purposes such as RPM or CCM. All reports can be filtered and sorted by age, sex, diagnosis, provider, city, zip code and more.
TELEMED CAPABILITY?		Yes, we curently have Teleconnect virtual cardiologist visits integrated into our app where patients can discuss their heart health and an EKG	Patients and devices can be enrolled and educated virtually. Care coaches can interact with patients remotely to ensure compliance with the SMBP protocol and assist in taking readings.	Yes. Video visit capability with nurse.	HIPPA Complaint virtual visit platform	ally® Connected Care support workflow associated for Video interactive visits including scheduling them as Events in a 90 day program for Hypertension like AHA Hypertension Care Plan	Would integrate with 3rd party Telemed provider.	Hello Heart has the capability to integrate with telemedicine providers.	Higi supports awareness about telehealth, along with a configured call to action, where appropriate, and a link to an appropriate telehealth provider. In addition, Higi will be adding an industry leading Symptom Checker as an optional digital component, so that higi users can assess the apporpiate care journey, including referrals to in person or telehealth visits.		MTI has partnered with a telemedicine company called VSee. We have integrated the VSee Apps into our patient platforms - GoHome™ and GoMobile™. This simplifies the patient experience for performing both telemedicine (video conferencing) and physiologic data collection (remote patient monitoring).	No	Not yet	No, but are integrating with EMR providers that do this.	Yes. Pack Health is a digital platform with omni-channel communication capabilities meet participant's preferred communication needs. In addition, we partner with 98poi com to link participants to telemedicine primary care providers should they need it.	Fully supports remote monitoring of blood pressure, weight, BMI, collection of glucose t6. meter data, and other self reported data via touch screen monitor.	 Inclusion of the Preventric BPro into HRSA/AHA health information technology stack (HIT) as a strategy to improve provider outcomes and patient health outcomes related to the identification of individuals with undiagnosed hypertension and management of adults with hypertension. Preventric BPro device integration positions CCHS to deliver superior performance evidence for CDC evaluation through: 2_Improved Diagnostic and Prognostic Accuracy at the Provider Level 3_Superior Tracking Data 4_Diagnostic Precision for Evaluation and Measurement Superior Tracking Data Diagnostic Precision for Evaluation and Measurement 	Yes, in addition to Vidyo (leading provider for integrated telehealth) ready, we also have set parameters to support the FCC's ACE Direct for the hearing impaired. This also enables us to provide interpreters and captions for the hearing impaired.		Ability to make phone calls and HD video calls. The system automatically tracks the duration, the caller and receiver and other details and keeps an audit for the same for reporting and engagement purposes. Providers and careteam members can see the patient details and readings in real time during the video call. Efficient process and workflow to make sure all the stakeholders get the best experience along with scheduling and text notifications
ADDITIONAL FEATURES?	Highly rated mobile application (Rated 4.0 or higher on iOS and Android) Developed by clinicians for healthcare professionals Cost-effective - flexible licensing allows you to customize your program	Current features: Medication tracking, glucose/cholesterol, activity, symptom, weight entry, care plan task setting, data entry reminders, automatic sharing of summary report (wt/bp/ekg data) with inner circle, board cardiologist ecg review, downloadable pdf report of ekg data. Additional devices: KardiaMobile 1L Remote EKG (single lead) KardiaMobile 6L Remote EKG (Six lead)	The Verifi Health solution is focused on three promises: 1) generate high quality data to reduce therapeutic inertia, 2) laser-focus on SMBP and related clinical best practices, and 3) alignment with AMA missional goal to improve HTN outcomes and reduce inequities in care.	Demonstrated reductions in BP, hospitalizations, and ER visits. Extensive experience with underserved populations	Certintell has a Virtual Medical Practice. This allows us to provide remote patient monitorign devices (ie validated BP monotors) and services to FQHCs at no cos for Medicare Eligible Patients.	CHS has supported the American Heart Association 2000+ Educational assets for Innovation Center members since 2019. ally A3, our proprietary middleware provided American Hearts Association with the management and curation of their science (Video, Quizzes, Assessments, Articles, etc). This science was consumed by members of Innovation Center network. These members pulled all AHA science via our Query API or our Program API. CHS can offer the AHA science, specially Hypertension (Blood Pressure Care Plan), to the Information System driving the FQHC to minimize Provider having to log into multiple systems. We would deploy ally® A3 API treating each FQHC as a "Business Partner" in a Enterprise Model. This would allow us to aggregate all the data for HRSA to analyze program in real time while each Business Partner would have their segmented data access and dashboards. This model could be applied to your project where all software vendors pulled AHA BP Care Plan or a similar NRSA version.	(SMBP) developed in partnership with the American Medical Association.	In addition to hypertension, Hello Heart also offers a separate solution for diabetes mellitus using a FDA-cleared glucometer and digital coaching. We are expanding our platform to support monitoring of patients with arrythmias using a FDA-cleared personal EKG monitor. Additionally, our roadmap for 2021 includes coaching for hyperlipidemia in addition to other quarterly enhancements by our Design Team.	No response	Yes		customizable to the patient. And white labeled. The phone is telemed visit capable but	Machine Learning prediction algorithms for risk trending, evidence-based workflows to support guideline directed medical therapy and other relevant patient interventions				May be ordered by physician using telemedicine	No response	Customizable alerts based on patient or practice that notify providers (via Email and in-platform) when patient submitted readings are outside of the accepted range. Adherence notifications that flag patients who have low and no compliance to s ubmitting readings.	Our system has an integrated nutritional database to track the macros for food consumption. We also integrate with Google Fit, Apple Health, and wearables like Fitbit to track steps, activity, sleep, and caloric intake to follow Life Simple 7 standards.

	A&D Medical
CONTACT PERSON - NAME / EMAIL / PHONE	Kyle Kline, Product Manager kkline@andonline.com 408-518-5118
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	The A&D Heart Track System can integrate with an A&D Medical Bluetooth enabled blood pressure monitor, a free user mobile application, and an optional provider portal to support hypertension management. Our solution is highly flexibile to allow providers choose which users to enroll in the provider portal and control when they can graduate into a self management program, while still leveraging the free mobile application.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	We have longstanding relationships with a wide array of government organizations.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Model # UA-651BLE A&D Medical Premium Upper Arm Wireless Blood Pressure Monitor with Wide Range Cuff fits most arms (22-42 cm). Model # UB-1100BLE A&D UltraConnect Wireless Wrist Blood Pressure Monitor. Model # UA-651 A&D Blood Pressure Monitor with Wide Range Cuff fits most arms (22-42 cm). This monitor can be used as a manual entry device.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	No response
WHICH OF THE DEVICES LISTED ARE VALIDATED?	UA-651BLE UB-1100BLE UA-651 Our blood pressure monitors are rigorously tested and validated independently to meet clinical standards.
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Bluetooth or manual entry
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRs YOU CONNECT WITH)	API available for third party integrations
INTERNET / WIFI CONNECTION REQUIREMENTS?	User must have smartphone or tablet with wifi or cellular connectivity
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	End User Mobile App Provider Web based Portal
USER MESSAGING / PROMPTS / ALERTS?	 Secure Custom Messaging - providers can send users custom messages and offer users to pre-filled or freeform responses Blood Pressure Series - users can create customized blood pressure series (2 AM, 2 PM) based on guidelines, that will trigger reminders at specified times for a set number of days.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	No
USER DASHBOARD / REPORTING?	User Dashboard/Reporting: • Multiple Measurement Types: toggle between 6 measurement types (blood pressure/heart rate, glucose, weight, temperature, respiratory rate, oxygen saturation) • Averaging: At a quick glance, users can see 1 day, 7 days, and 30 days averages for all measurement types • Graphical Visualization: enables users to visualize their data in line graph for easy undertanding • Self Generated Reporting: users can generate data reports for last 30 days, last year, and all time then share with their family, friends or providers. • Provider Dashboard/Reporting • Swipe Average Custom Reporting: create on demand reports using the innovative feature of swipe averaging to quickly and easily create on demand reports
USER EDUCATION / DISTANCE LEARNING?	We have embedded rich and useful hypertension content, developed by hypertension specialists, into the user mobile application. This module can be used as references for providers as they guide users through their hypertension management program.
USER COACHING?	
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	
IDENTIFIES GAPS IN CARE?	
AVAILABLE LANGUAGES?	English, Spanish, French, Simplified Chinese
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Strict Translation
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No response
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No response
USER TRAINING / SUPPORT / MAINTENANCE?	We provide portal training, marketing support, and program guidebooks for users and providers.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	We can generate population reports in the back end and send on a periodic basis
TELEMED CAPABILITY?	
ADDITIONAL FEATURES?	 Highly rated mobile application (Rated 4.0 or higher on iOS and Android) Developed by clinicians for healthcare professionals Cost-effective - flexible licensing allows you to customize your program



	AliveCor
CONTACT PERSON - NAME / EMAIL / PHONE	Sarah Zweifach, szweifach855@alivecor.com
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Device + App Currently patients can buy an omron cuff and kardia device 1L or 6L to use with our free kardia mobile (KM) app to self-monitor and trend their blood pressure and ecg data. Users can also subscribe to KardiaCare our \$99/year subscription with premium features including advanced ecg algorithms (3 new algorithms), medication tracking, clinician reviews, health health summary report etc. Through our partnership with Omron, we have the ability to connect with Omron BP devices within our KM app and transfer/manage the BP data to our backend provider portal (Kpro) along with our KM data. Our single lead ECG technology is included in the Omron Complete (BP+ 1L ECG)/BP 7900 combination device. This gives us the ability to capture simultaneous BP and ECG recordings within our app and Kpro. This gives us the ability to manage both BP and ECG data (either from discrete devices or from the combination device) for hypertensive patients. Remote Patient Monitoring We currently have a provider portal where patients with an omron bp cuff and kardia device can pay a
	monthly fee to have their doctor connected to receive and review their blood pressure, ecg, and weight data. They can also download a report with this data. NHS (England), Veteran Affairs (VA)
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Omron Evolv Portable Cuff, Omron Complete (1L ECG + BP Cuff)
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Other Omrom devices we support are listed below: HEM-7600T-Z, HEM-7321T-ZV, HEM-7321T-CA, HEM-7320T-ZV, HEM-7320T-CA, HEM-7321T_TI-Z, HEM-7321T_TI-CA, HEM-7320T_TI-Z, HEM-7320T_TI-CA, HEM-6320T-Z, HEM-6321T-Z, HEM-7320T-CACS, HEM-7530T-Z, HEM-6231T-Z, HEM-6232T-Z, HEM-7150T-Z, HEM-7340T-Z, HEM-7342T-Z, HEM-7151T-Z, HEM-7341T-Z, HEM-7343T-Z, HEM-7150T-CA, HEM-7340T-CA, HEM-7342T-CA, HEM-8725T-WM
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Most of the cuffs support 9" to 17" at no additional cost
WHICH OF THE DEVICES LISTED ARE VALIDATED?	Omron complete/BP 7900 listed on U.S. VDL (validated device listing) and tested by following protocols: ESH-IP (European Society of Hypertension International Protocol), AAMI (Association for the Advancement of Medical Instrumentation). Omron complete is also listed on https://www.validatebp.org/ Please see Omron devices in column E that we support. See Omron's full list of clinical validation on their website https://omronhealthcare.com/service-and-support/clinical-validation/ https://www.validatebp.org/
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	No response
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRs YOU CONNECT WITH)	Not yet
INTERNET / WIFI CONNECTION REQUIREMENTS?	Cuff doesn't require internet, but needs internet/wifi to use app to view or pair cuff readings
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	App, Provider RPM Portal, Telemedicine Platform
USER MESSAGING / PROMPTS / ALERTS?	Yes, currently users can set care plan tasks to take their bp, medication, record an ekg, or enter weight. They can also set reminders.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	No
USER DASHBOARD / REPORTING?	Yes
USER EDUCATION / DISTANCE LEARNING?	Yes, currently we provide users with detailed descriptions of what their readings (EKG and BP) mean and related heart health information.
USER COACHING?	No response
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	No response
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	No response
IDENTIFIES GAPS IN CARE?	With our app and connected devices we enable medication ekg, bp ,weight, activity, blood sugar, cholesterol, and symptom tracking. Patients and their physicians can use this data, some of which is included in our reports, to identify gaps in care or non-adherence to best practices.
AVAILABLE LANGUAGES?	English, German, Dutch, Spanish, French, Italian, Norwegian (Bokmål), Chinese (Simplified), Chinese (Traditional), Korean, Portugese, Japanese
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	We support local units of measure and local languages and keep app design as neutral as possible to address all cultures. Neutral illustrations vs. images of people
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No
USER TRAINING / SUPPORT / MAINTENANCE?	In app tutorials, device set up, user manual Training for providers on RPM platform Customer support
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	No response
TELEMED CAPABILITY?	Yes, we curently have Teleconnect virtual cardiologist visits integrated into our app where patients can discuss their heart health and an EKG
ADDITIONAL FEATURES?	Current features: Medication tracking, glucose/cholesterol, activity, symptom, weight entry, care plan task setting, data entry reminders, automatic sharing of summary report (wt/bp/ekg data) with inner circle, board cardiologist ecg review, downloadable pdf report of ekg data. Additional devices: KardiaMobile 1L Remote EKG (single lead) KardiaMobile 6L Remote EKG (Six lead)



	AMA Innovations, Inc. (Verifi Health)
CONTACT PERSON - NAME / EMAIL / PHONE	Matt Menning matt.menning@ama-innovations.com 312 810-6644
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	AMA Innovations is focused on delivering the best data and insights to providers managing self-measured blood pressure via a streamlined/integrated workflow, while driving patient engagement and affinity. Rooted in AMA's mission and experience, our solution is designed to deliver clinical and operational value at a highly desirable price point to drive mass adoption and help catalyze the industry.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	AMA Innovations is a wholly owned subsidiary of the AMA, with a wealth of experience collaborating with public agencies and government organizations.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Verifi Health integrates with clinically validated devices on the US Blood Pressure Validated Device Listing. Our program is vendor agnostic with options for providing devices.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	See above
WHICH OF THE DEVICES LISTED ARE VALIDATED?	All Verifi Health device integrations are validated per the US BP VDL.
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Verifi Health integrates with Bluetooth, manual, and cellular devices
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Verifi Health allows 1) seamless exchange of clinical data between the EHR and Verifi Health portal and/or 2) the ability to launch Verifi Health within the EHR. The solution can be integrated with Epic,eClinicalWorks, NextGen, Cerner, Allscripts, and other clinical systems upon request.
INTERNET / WIFI CONNECTION REQUIREMENTS?	Clinical users access Verifi Health through a web-based portal that requires internet access. Wi-Fi is not required for clinical users unless they access the portal through tablets or Wi-Fi-dependent laptops. Patients capture measurements through a mobile phone app that requires a Wi-Fi or cellular connection to the internet for exchange with Verifi Health
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Verifi Health partners with mmHg, Inc. to provide patients with a free, patient-facing iOS and Android app specifically designed to 1) assist patients in accurately measuring blood pressure, and 2) reliably exchange all relevant BP data with Verifi Health.
USER MESSAGING / PROMPTS / ALERTS?	Via our patient-app, care teams can send secure messages and patients can interact with health coaches and care teams.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Verifi Health was built around the principles of the AHA/AMA Target:BP program and AMA's MAP BP initiative. The program includes training, education, and careplan resources from AMA's MAP BP program, but can be easily modified or expanded to include licensed resources from AHA.
USER DASHBOARD / REPORTING?	Prioritized patient list based on actionable data with 2-click review. Quality data available from source to care team to drive clinical decision-making with proprietary scoring and data transparency.
USER EDUCATION / DISTANCE LEARNING?	Embedded, expert AMA guidance in both provider and patient apps to assist and educate using evidence-based guidelines.
USER COACHING?	Human online care Coaching is available as part of the add-on services offered to Verifi Health SMBP customers
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	The Verifi Health SMBP platform can be integrated with a wide range of systems to leverage care coaching and make referrals to social care resources for improved access (food, exercise, transportation, etc.) and education. Care coaches are trained to assess HTN social needs and make appropriate referrals to community organizations.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes
IDENTIFIES GAPS IN CARE?	The system allows care teams to assess where patients are in their journeys by assigning each patient to one of three clinically defined SMBP programs – diagnose, control, and maintain. Each program template allows the system to identify those patients who are "on track" and those who may need additional support. Upon identifying patients who may need help, the system can send automated notifications to the patient and create tasks for the appropriate care team members, depending on the need. In addition, patients who are "on track" can be rewarded with system generated positive support notifications.
AVAILABLE LANGUAGES?	Clinician-facing – English. Patient-facing – English, Spanish and Mandarin.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Strict translation
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No No
USER TRAINING / SUPPORT / MAINTENANCE?	End user training (care team and administrative users) and routine support. Software updates and maintenance
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Enroll and track patients and devices. Document information needed to report CPT SMBP codes and/or clinical quality measures. Track outcomes at the individual and population levels.
TELEMED CAPABILITY?	Patients and devices can be enrolled and educated virtually. Care coaches can interact with patients remotely to ensure compliance with the SMBP protocol and assist in taking readings.
ADDITIONAL FEATURES?	The Verifi Health solution is focused on three promises: 1) generate high quality data to reduce therapeutic inertia, 2) laser-focus on SMBP and related clinical best practices, and 3) alignment with AMA missional goal to improve HTN outcomes and reduce inequities in care.



	Canary Telehealth
CONTACT PERSON - NAME / EMAIL / PHONE	Carla Robinson crobinson@canarytelehealth.com 312-961-6292
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	BP self-monitoring using bluetooth-enabled devices or manual entry along with education and feedback delivered via an app Clinical nurse monitoring (optional)
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	FQHCs, Medicaid, Medicare
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Home blood pressure monitor available in Standard, XL, and XS cuff sizes
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Yes
WHICH OF THE DEVICES LISTED ARE VALIDATED?	Welch Allyn RPM-BP100 (bluetooth) Any device on validated list can be used for manual entry
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Bluetooth or manual data entry; Cellular or WiFi transmission
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Integration with any provider with HL7 platform or open API
INTERNET / WIFI CONNECTION REQUIREMENTS?	Option to connect via users' own cellular or WiFi connectivity OR deploy fully-contained system with tablet and connectivity provided that does not utilize users' connectivity
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Арр
USER MESSAGING / PROMPTS / ALERTS?	Yes via app notifications and text messaging
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Not currently
USER DASHBOARD / REPORTING?	Yes
USER EDUCATION / DISTANCE LEARNING?	Yes (e.g., measurement technique, nutrition, physical activity, etc.)
USER COACHING?	Yes via app, non-clinical support, or nurse/health professional
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Yes
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Unknown
IDENTIFIES GAPS IN CARE?	Yes
AVAILABLE LANGUAGES?	Spanish
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	No
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	Yes
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	N/A
USER TRAINING / SUPPORT / MAINTENANCE?	Yes: Initial training and ongoing user support. Toll-free number for inbound calls. Reminder calls or texts to disengaged users
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Yes. Aggregate reporting and analysis.
TELEMED CAPABILITY?	Yes. Video visit capability with nurse.
ADDITIONAL FEATURES?	Demonstrated reductions in BP, hospitalizations, and ER visits. Extensive experience with underserved populations



	Certintell Telehealth (Powered by Link4life)
CONTACT PERSON - NAME / EMAIL / PHONE	Benjamin Lefever benjamin@certintell.com 515-802-1281
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Remote Patient Monitoring platform, devices clinical staff (care management services) & Video Telehealth Platform
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Certintell is currently contracted with over 100 FQHCs for our telehealth/Care Management/Remote Patient Monitoring Services
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Body Trace BP Monitor, A&D Deluxe Connected BP Monitor
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Our clinically validated BP Meter does allow for different cuff sizes. If an adult does need an extra-large cuff there is an additional cost. Our standard large cuff fits most arms.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	Both
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Body Trace (Celluar), A&D (Celluar via a Stel Hub)
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	We connect/share data with all ambulatory EHRs
INTERNET / WIFI CONNECTION REQUIREMENTS?	Internet/WiFi not Required
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Internet (web portal accessible via mobile phone on web browser)
USER MESSAGING / PROMPTS / ALERTS?	User Messaging via text, email, phone, push notification in web based portal. Alert/ Prompts via text, phone, email, phone, push notification
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Our remote patient monitoring platform does include the AMA "High Blood Pressure CarePlan". In fact, we have signed up for the most recent care plans and have those integrated into our platform.
USER DASHBOARD / REPORTING?	Yes
USER EDUCATION / DISTANCE LEARNING?	Yes
USER COACHING?	Yes
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Aunt Bertha
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes+R4:S4
IDENTIFIES GAPS IN CARE?	Yes
AVAILABLE LANGUAGES?	150+ languages
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Yes
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	Yes, Certintell is a certified MBE with the National Minority Supplier Development Council, Inc. (NMSDC), the most recognized MBE certification.
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	N/A
USER TRAINING / SUPPORT / MAINTENANCE?	Yes
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Yes
TELEMED CAPABILITY?	HIPPA Complaint virtual visit platform
ADDITIONAL FEATURES?	Certintell has a Virtual Medical Practice. This allows us to provide remote patient monitorign devices (ie validated BP monotors) and services to FQHCs at no cos for Medicare Eligible Patients.



	Continuity Health Solutions
CONTACT PERSON - NAME / EMAIL / PHONE	Bryan Poteet bryan.poteet@continuityhealth.com
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Since 2010 FDA approval Continuity Health Solutions has offered ally® Connected Care Platform as a Software As A Service (SaaS) to Care Organizations and to vendors as Software as a Medical Device (SAMD) All models are offered on a Per Member Per Month (PPPM) model with a initial setup fee and training cost.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Yes, CHS has existence with organization similar to HRSA. CHS was selected to support all American Heat Association Innovation Center Members with the consumption of the AHA Science from Nov 2018 today.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	CHS supports multiple different medical devices of which support over 100 connected devices, Our standard Blood Pressure values (systolic/diastolic, heart rate, respiration) from the following vendors: Omron (7 models), and Medical (5 models), Indi Health (1 model), Fora Care (5 Models)
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	No additional cost. All cuffs are priced the same.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	We have only listed validated devices. We do have more international products that do not apply to USA that could be pursued if required.
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	CHS ally® Connected Care Platform supports multiple patient participation models including: Patient downloadable Mobile Application , Locked down Tablet deployment, Connected Device Hubs (No User Interface) that can we used in combination with Surveys performed on Alexa or Interactive Voice Response Phone call. Please note that ally® Connected Care does support "Self reported" blood pressure data via Alexa or IVR call. The VA has adopted IVR as cost effective method of gaining enrollee/patient participating in programs.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	CHS ally® Connected Care Platform Supports: 1) Traditional HL7 .2x 2) HL7 3.0 and 3) Application Program Interface (API) for :Patient Enrollment, Program Enrollment, Program ToDo, Biometric Upload, Patient Observations (all notes , alerts, events,)
INTERNET / WIFI CONNECTION REQUIREMENTS?	ally® Connected Care Platform offers Providers flexible data submission according to the patient payer & home environment. They are as follows: 1) Mobile Application Download - Patient owns connectivity 2) Tablet Model - Cellular network can be included or Wi-Fi based on Providers needs 3) Connected Hub - Cellular plan included typically, but Wi-Fi is an option 4) Self Reported (Non-Connected Device -) Interactive Voice Response via Phone call or Amazon Alexa Skill
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	ally® Connected Care Platform Web access for Providers Care managers and Social workers, Health Coaches Roles under ally® Care Portal UI. Patient/Family Members: Web Poral , Mobile Application , Voice Command (Amazon Alexa /Google (WIP) falls under simple User Interface, ally® Personal Health Record (PHR).
USER MESSAGING / PROMPTS / ALERTS?	Providers affiliated with Enrollee will be notified of variances (Alerts, Score Out of bounds,etc) in the assigned Hypertension Program from Low, Moderate, High status. These Alerts can range from simple biometric boundaries to combinations of Quiz/Assessments with change in biometrics over period of time. Enrollee (Patient) data is analyzed and scored with each submission
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	ally® Connected Care Platform offers a full Suite of preconfigured Dashboards for customers to manage all aspects of RPM/ Translons of Care and Medical Internet of Things (MIoT). Dashboards access are Role and User specific and can offer Global and individual settings. Users have access to 40 preconfigured data centric queries they can be configured to represented data an be placed according to user preference Summary: Population Analytics (6 widgets) Community Analytics (8 widgets) Programs Analytics (11 Widgets) Clinical Analytics (7 widgets) Medical IoT Analytics (14 widgets)
USER EDUCATION / DISTANCE LEARNING?	Continuity Health Solutions Trains organizations in one of three options: 1) Onsite Training over 1 or 2 days. 2) Group Online Webinars (limited capacity) and 3) Online User Education Module for self paced training. Users will receive notification of Passing course.
USER COACHING?	ally® Care Portal includes online help in the application. User will be taken to relevant topic for page they are working on. IF "COACHING" is referring to "Coaching the Enrollee/ Patient" . This is addressed in all American Heart Associations Care Plans or any "Custom" NRSA programs desired.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	ally®Connected Care Platform supports user and role access. These roles included: Physician, Administrator, Manager, Care Manager/Nurse, Field Nurse, Patient, Care Giver, Family Member. This allows us to ensure access is associated with the active role of an individual has with a participant. ally® PHR is truly Patient Centric offering management by the patient of members associated with their care. We can also offer our ally® CL (Community Link) functionality that allows us to coordinate care across multiple Provider Entities under one Program curated events or task. This is similar to our Transitions of Care across BSW and Central Texas Office of Agency of Aging.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	CHS and our ally® Connected Care platform integrated with multiple EHR , EMR platforms. Once we understand the desired integration points, we can achieve a basic level of integration. If HBP wants to pull data from ally® Connected Care API's on the patient data submitted by FQHC we are confident we can modify or add API's to achieve seamless data flow.
IDENTIFIES GAPS IN CARE?	ally® Connected Care Platform offers Provider Organizations the ability to run a "Simple repetitive Protocols" or complex Programs similar to American Heart Association Hypertension Care Plan (242 events over 84 day). This offers single process that may included multiple providers (Nurses, Health Coaches, Social Workers). This can be seen in the "Community Program" Dashboard tracking Open, Pending and Completed task. In addition to results of the Events (assessments, Videos, Action Plans, biometrics) are logged and analyzed with our Natural Language Processing (NLP) and Machine Language (ML) toolsets to identify potential trends and gaps in care.
AVAILABLE LANGUAGES?	English and Spanish. Others are in work for the Patient/Participant. All Master Content is in English and is converted to requested languages. This offers users to edit English only and leverage conversion buy intergraded tools sets.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Our experience is Strict Translation does work however review is required for any language is recommended prior to deployment.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	CHS has submitted for our Certificate. Veteran Owned Business
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	90% of Continuity is Owned by Vertan. USMC (83-87)
USER TRAINING / SUPPORT / MAINTENANCE?	CHS Supports our customers the following ways for Contracted Customers: Training: 1) On Site 2) Group Online Session and 3) User Self taught modules. Support Issues: 8 -8 PM Phone calls 2) online email support 3) online chat within the application. Technical Server Maintenance is performed in off hours usually between 2am - 4 am
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	ally® Care Portal supports Multiple roles of administration: Administrator, Manager, Program Administrator, Business Partner Administrator and Business Partner. Access to all features including Reporting and Analytics are administrated from these accosts and their respective users profiles.
TELEMED CAPABILITY?	ally® Connected Care support workflow associated for Video interactive visits including scheduling them as Events in a 90 day program for Hypertension like AHA Hypertension Care Plan
ADDITIONAL FEATURES?	CHS has supported the American Heart Association 2000+ Educational assets for Innovation Center members since 2019. ally A3, our proprietary middleware provided American Hearts Association with the management and curation of their science (Video, Quizzes, Assessments, Articles, etc). This science was consumed by members of Innovation Center network. These members pulled all AHA science via our Query API or our Program API. CHS can offer the AHA science, specially Hypertension (Blood Pressure Care Plan), to the Information System driving the FQHC to minimize Provider having to log into multiple systems. We would deploy ally® A3 API treating each FQHC as a "Business Partner" in a Enterprise Model. This would allow us to aggregate all the data for HRSA to analyze program in real time while each Business Partner would have their segmented data access and dashboards. This model could be applied to your project where all software vendors pulled AHA BP Care Plan or a similar NRSA version.

	Heka Health, Inc.
CONTACT PERSON - NAME / EMAIL / PHONE	Tony Salah tsalah@hekahealth.com 650-464-6859
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Highly customizable SMBP mobile app + cloud based platform
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Experience focused on healthcare provider systems and non-profit associations (e.g., AMA, AHA)
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Integrates through BT and BTLE to 3rd party connected BP devices such as A&D Medical
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Heka Health does not provide BP measuring devices but connects to 3rd party devices such as A&D Medical. A&D Medical does provide different cuff sizes, which there is an additional cost for.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	A&D Medical, one of our strategic partners, have a range of validated BP monitoring devices
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	BT, BTLE to app; option to enable manual entry
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Integrate via FHIR or custom integration through partner APIs such as Allscripts. Heka Health's integration with Allscripts have been certified through their developer program.
INTERNET / WIFI CONNECTION REQUIREMENTS?	Basic internet access (via cellular, WiFi) is required to transmit data from app to cloud (or to access cloud interface directly)
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	App, cloud portal, and 3rd party connected BP devices
USER MESSAGING / PROMPTS / ALERTS?	In-app notifications, text alerts, email messaging are all available
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	The current offering does not include AHA's licensed Careplan but it (or other customized careplan templates) can be integrated as a customization (additional fees dependent on final specifciation of Care Plan)
USER DASHBOARD / REPORTING?	In-app and cloud portal
USER EDUCATION / DISTANCE LEARNING?	Utlize 3rd party educational modules/content
USER COACHING?	Handled by 3rd parties
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Customized integration through APIs to 3rd party sites. Heka's overall Wellness Platform has integrations with Facebook, Twitter, and Instagram.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes. Would be a custom integration ideally through open API
IDENTIFIES GAPS IN CARE?	Can be customized to meet specific requirements
AVAILABLE LANGUAGES?	English, Spanish but extensible to other languages as required.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Culturally adapted translation (done by third parties); AHA staff provided initial Spanish translation for their white-labelled BP platform powered by Heka Health
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	>51% owned by Asian American
USER TRAINING / SUPPORT / MAINTENANCE?	In-person and online support
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Detailed reports handled in administrative cloud portal with reports that can be customized to specific requirements
TELEMED CAPABILITY?	Would integrate with 3rd party Telemed provider.
ADDITIONAL FEATURES?	Integrated 3rd party protocols such as Clinician Prescribed Self Measured BP Monitoring (SMBP) developed in partnership with the American Medical Association.



	Hello Heart, Inc.
CONTACT PERSON - NAME / EMAIL / PHONE	Terri Bogen terri.bogen@helloheart.com 971-216-2762
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	We empower people to understand and improve their heart health using mobile technology. Hello Heart is a clinically-based digital coaching solution for patients to track, understand and improve their chronic conditions. Users are able to build healthy tracking habits and improve their health in real time with an easy-to-use smartphone application which empowers users to identify health risks in time and implement change to potentially save lives. Our clinical outcomes are best in class, with documentation that 69% of our users improve their blood pressure and the average reduction in systolic BP is 22 mmHg.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	N/A
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Participants receive a wireless FDA-cleared personal blood pressure device and cuff that connects to the Hello Heart App, which is HIPAA compliant and compatible with Android and iPhone devices.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Yes, our device allows for different size cuffs at no additional cost.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	The wireless personal blood pressure cuff is FDA-cleared. The clinical improvement with the Hello Heart App has been validated in peer-reviewed published literature (Kaplan AL, Cohen ER, Zimlichman E. Improving patient engagement in self-measured blood pressure monitoring using a mobile health technology. Health Inf Sci Syst. 2017;5(1):4).
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	The data is transmitted using bluetooth technology.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Our mobile application connects with 95% of online electronic medical records (EMR) systems using Human API. This allows participants to import their medical test results directly into the app to construct a comprehensive view of their health status.
INTERNET / WIFI CONNECTION REQUIREMENTS?	BP readings connect via bluetooth to the App. Participants access their data and clinical coaching from their smartphone.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Users interface with Hello Heart through the Hello Heart App, available with a custom code through the Apple App or Google Play Store.
USER MESSAGING / PROMPTS / ALERTS?	Our team of data scientists continually study the personas of participants, and determine how best to communicate with them to encourage meaningful, long term engagement. Communications are individualized and tailored to the person, using clinically validated behavioral "nudges" to incent them to continue their interactions with the App. We have the ability to text and chat; users can set up reminders to take their BP and take their medications. If BP readings show a hypertensive crisis, users have the ability to call 911 or other members of their care team directly from the App. Further, BP readings can be shared with the user's FQHC, cardiologist, PCP or other member of their care team directly from the App.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	Reporting at the member level is available in real time via the Hello Heart application. Hello Heart's mobile application provides the participant's full dashboard of information at their fingertips. Participants not only have access to all of their blood pressure readings through the App, they also receive daily, digital coaching, can set up monitoring and medication reminders and send their results to their physician(s) through the App.
USER EDUCATION / DISTANCE LEARNING?	Users receive "Daily Insights" that they can "like" or "dislike" within the App. This interaction allows the user to continue to personalize the experience based on their own preferences. These insights are given to encourage small behavior changes that add up to healthier choices over time. Further, each time a user takes their BP, it will display their blood pressure reading on a scale of "normal" to "hypertension / hypertensive crisis." The coaching will display, "Here's what it means" and "What you can do about it." In the event of a hypertensive crisis, the display differentiates between the genders, reflecting the difference in symptoms experienced, and guides the user to make the most appropriate choice for their personal situation at the time of the reading (call 911, continue to monitor, etc.).
USER COACHING?	Users receive 24/7 digital coaching directly from the app. Our AI and algorithms drive a unique experience based on gender, comorbidities, age and user persona. Because our program is fully digital, we complement existing condition management and health coaching programs; we offer participants better, real-time, 24/7 insight into their clinical outcomes related to hypertension and heart health.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Hello Heart's digital solution does not have this functionality within the App. Referrals to other Community Connectivity programs can be established.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Hello Heart has the capability to link with a national HPB registry.
IDENTIFIES GAPS IN CARE?	Engagement with the App can be used to identify the individual's willingness to take control of their health. While we do not support other preventive services such as cancer screenings, we can explore how our messaging can be tailored to support such initiatives.
AVAILABLE LANGUAGES?	The Hello Heart App is available in English and Spanish; member communication materials can be translated into any language.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	The Spanish App is a strict translation.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No, Hello Heart does not possess an official certification or certificate that classifies us as a diverse business
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	Our Co-Founder and CEO is a majority stakeholder in the company, is female and immigrated to the United States from Israel. Additionally, our CTO is female.
USER TRAINING / SUPPORT / MAINTENANCE?	Users can contact our support team via email or phone. We offer training and education on the Hello Heart program to clinical teams and health coaches to assist them with member education.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	In addition to the individual user dashboards, as permitted by the data use agreement, Hello Heart can report back to the FQHC on participant population metrics, such as changes in BP over time, engagement, as well as a summary/analysis of how participants are engaging with the App. A sample reporting dashboard is included. Hello Heart can report utilization/activity back to third party vendors. For clients incentivizing participation in the Hello Heart program, we are able to provide activity files.
TELEMED CAPABILITY?	Hello Heart has the capability to integrate with telemedicine providers.
ADDITIONAL FEATURES?	In addition to hypertension, Hello Heart also offers a separate solution for diabetes mellitus using a FDA-cleared glucometer and digital coaching. We are expanding our platform to support monitoring of patients with arrythmias using a FDA-cleared personal EKG monitor. Additionally, our roadmap for 2021 includes coaching for hyperlipidemia in addition to other quarterly enhancements by our Design Team.

	Higi
CONTACT PERSON - NAME / EMAIL / PHONE	Vicki Harter vharter@higi.com 570-490-3757
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Higi is a consumer health engagement company making it easier for all people to measure, track and act on their health data by bridging physical and digital touch points of the healthcare ecosystem. In service of health systems, health plans, retailers and consumer healthcare brands, Higi's omni-channel platform meets consumers in their communities, at home and on the go. Our partners connect with the consumers they care for through our nationwide network of 10,000 FDA-cleared, free-to-use self-screening Smart Health Stations, home health devices, digital and mobile tools. The Higi platform addresses the needs of healthcare consumers across the care continuum through education designed to improve health literacy, disease specific assessments to inform risk stratification and drive digital navigation and connected care offerings to avoid unscheduled care and improve outcomes. With the ability to move this data into healthcare's workflows, Higi delivers digital health engagement at scale, creating actionable connections to the healthcare organizations that provide care and support. To date, more than 61 million people have used a Higi Station to conduct over 372 million biometric tests.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	None
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	There are two Higi Station models and associated blood pressure measurement systems that have received FDA clearance in the USA and a Medical License from Health Canada for use in adult and pediatric (children 13 and older) patient populations. These regulatory bodies permit the cuff to accommodate upper arm sizes from 8.66 to 17.12 inches (22 to 43.48 cm) in circumference and measure over a blood pressure range of 40 – 260 mmHg for systolic and 20-200 mmHg for diastolic values.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	We are currently developing a new version of the Station that may incorporate different size cuffs to accommodate various arm circumferences. However, in order to qualify our existing network on the VDL list, we only offer the single size in 2021.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	All 3 devices are in the process of device validation at 2 leading academic research labs, with expected completion in summer 2021.
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Data from Higi devices can be transmitted via cellular, LAN or Wifi connections.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Higi has current integrations with both EPIC and Cerner EMRs, as well as pharmacy systems and CRM systems. Our data integration partner has experience integrating with 200+ EMR systems and 700+ practice management systems across 1,100 different versions.
INTERNET / WIFI CONNECTION REQUIREMENTS?	For Higi Health Stations, connectivity options are listed in order of typical reliability from highest to lowest: A. LAN Connection B. WiFi Connection C. Cellular connection Higi's remote monitoring devices do not require Bluetooth sync for data upload, but rather uses SIM card technology for ease of use by consumers.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Partners connect with the consumers they care for through our nationwide network of 10,000 FDA-cleared, free-to-use self-screening Smart Health Stations, home health devices, digital and mobile tools, including Higi.com and the Higi mobile app, avaliable for iOs and Android operating systems. The Higi Health Stations collects BP, pulse and weight, and offer scored assessments for risk of type 2 diabetes and heart attack/stroke.
USER MESSAGING / PROMPTS / ALERTS?	Our platform drives engagement through out-of-the-box assessments, cohort-driven programs and configurable, partner-branded health surveys that identify health risks and needs and inform our digital referral engine to match and connect consumers with the appropriate partner programs. Messaging, reminders and referrals can be served to consumers via text or email. For users whose blood pressure reading indicates hypertensive crisis, an on-station alert suggests immediate action, as approved by the FDA.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	Higi provides standard monthly reports that includes a variety of measures from performance, general awareness, and engagement rates (e.g. monthly station sessions, number of program joins and digital communication open and click-through rates). In addition, reporting is provided monthly to include aggregate station utilization (with age/gender breakdowns) and risk classifications of end users.
USER EDUCATION / DISTANCE LEARNING?	 Higi provides free subscription to its Higi Health Beats Newsletter, a monthly collection of health tips and news that can help users live a healthier life. Higi uses evidence-based, industry standard digital content from partners such as AHA, ACC, ADA, and the CDC to provide user friendly and appropriate user content.
USER COACHING?	Higi supprts enrollment in the AHA CarePlan, a personalized, self-guided tool to address hypertension. This offering integrates American Heart Association Science into the Higi platform.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Higi makes use of several social media platfroms including the Higi Healthcare Blog, facebook and instagram. Our Health Within Reach program is designed to identify SDoH and connect users to local agencies and services via Aunt Bertha or, where appropriate, a curated set of Higi partners.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Higi sees no obstacles in connecting with a national BP registry via the Higi Data API.
IDENTIFIES GAPS IN CARE?	Higi utilizes biometrics devices as well as calculations such as BMI to collect information pertinent to care gaps. In addition, it uses configured surveys and assessments to identify care gaps and drive real-time actions to close gaps in care.
AVAILABLE LANGUAGES?	Currently English and Spanish Language preference are supported for all on/off station content. We are open to the provision of a translated language for the configured program, if provided by the Client.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Our Consumer Engagement team works with clients to assure culturally adapted consumer journeys and related content.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No, we do not
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No, it is not
USER TRAINING / SUPPORT / MAINTENANCE?	Higi provides a comprehensive Welcome Kit covering all aspects of the Higi platform, as well as program specific user training. In addition, Higi provides hardware and software maintenance both remotely and on site. Station software updates are done in automated releases. Hardware maintenance includes remote monitoring of the station, annual preventive maintenance as well as on site support, when required.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Higi's client-focused approach is coordinated through a Client Success Director, who ssures legal, financial, marketing, consumer engagement and technical resources are engaged as necessary for account support. Higi focuses on client goals, defining success measures and assurance that KPI reporting is provided no less than quarterly.
TELEMED CAPABILITY?	Higi supports awareness about telehealth, along with a configured call to action, where appropriate, and a link to an appropriate telehealth provider. In addition, Higi will be adding an industry leading Symptom Checker as an optional digital component, so that higi users can assess the apporpiate care journey, including referrals to in person or telehealth visits.
ADDITIONAL FEATURES?	No response

	Hoy Health
CONTACT PERSON - NAME / EMAIL / PHONE	Mario Anglada mario@hoyhealth.com 973-647-4247
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Hoy Health offers a end to end remote patient monitoring service to assist medical providers in managing their spanish speaking patient populations across the USA and Latin America.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Working with FQHC's αcross the USA currently
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	AndesFIT Standard Blue Tooth Connected Cuff, Foracare Standard Bluetooth Cuff, Mintti Standard Bluetooth Cuff
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	No
WHICH OF THE DEVICES LISTED ARE VALIDATED?	All
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Prognosis, Health Gorilla EHI
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Yes , Devices Provided
INTERNET / WIFI CONNECTION REQUIREMENTS?	Application designed for 3rd grade education level
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Yes
USER MESSAGING / PROMPTS / ALERTS?	Yes
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	Yes
USER EDUCATION / DISTANCE LEARNING?	Yes
USER COACHING?	No
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Yes
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes
IDENTIFIES GAPS IN CARE?	ECW, Cerner, Epic, Intergy, Full FIRE and HL7 capabilites
AVAILABLE LANGUAGES?	Engish and Spanish currently with Hatian Creole and Arabic in Development
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Yes
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	Yes Veteran Owned
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	70% is owned by Hispαnics
USER TRAINING / SUPPORT / MAINTENANCE?	Yes
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Yes
TELEMED CAPABILITY?	Yes, clinical staff monitors daily
ADDITIONAL FEATURES?	Yes



	Indie Health / Monitored Therapeutics Inc. (MTI)
CONTACT PERSON - NAME / EMAIL / PHONE	Clint McClellan clintm@indie-health.com 619-890-4966 Alex Stenzler alex.stenzler@monitoredrx.com Phone: 1-714-705-4576 Mobile: 1-714-497-5009
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	MTI is a Platform-as-a-Service (PaaS) healthcare delivery model. The MTI CarePortal is HIPAA, GDPR and HITRUST compliant cloud-based information portal that collects, tracks, trends, alarms clinical data collected from the patients home or clinical site (hospital, clinic, etc.). We have Cardio-Respiratory Action Plans integrated into the MTI CarePortal with Smart Artificial Intelligence (AI) Solutions.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	No response
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Indie Health Blood Pressure Model 51-1490. Upper Arm Bluetooth Low Energy Blood Pressure Monitor with a Wide-range Cuff- 22 to 42 cm.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	One optional cuff: 22-32cm Price: \$10.99
WHICH OF THE DEVICES LISTED ARE VALIDATED?	Indie Health Blood Pressure Model 51-1490 The BP Monitor is FDA cleared.
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	The data is transmitted via BLE from the BP unit to Smart Phone/Tablet. The Smart phone/tablet will then upload the data to the Portal via WiFi or Cellular.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	We have integrated data from the MTI CarePortal into EPIC, CERNER. We have worked with 3rd party integrators push data from the MTI CarePortal into EHR's and we have worked directly with our customers to move data from the MTI CarePortal to the EHR.
INTERNET / WIFI CONNECTION REQUIREMENTS?	All connection can be made through WiFi or cellular SIM card.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Yes
USER MESSAGING / PROMPTS / ALERTS?	The MTI CarePortal can send Measurement Reminders, Appointment Reminders, Medication Reminders and Questionnaire Reminders to the patient. Blood Pressure Measurement Reminders help to drive adherence in the program. Also, easy and secure bi-directional communication with patients and care team members via CareText™. Automatically create customizable patient question and answer sessions or a dailydiary for patients, or validated questionnaires. Receive alerts for patient status changes or events. Additionally, the MTI CarePortal allows you to build a customized digital CareBooks™. These action plans or workflows automatically communicate measurement reminders, questionnaires, CareTips™, and CareTexts™ to your patients or patient sub-groups. Enables sending educational videos to the patients. The CareBooks™ ensures that your patients treatment plan or protocol will be the same for each patient's Day 1 regardless of the date they start. CareBooks give you the power of control with the freedom of automation.
DOES YOUR OFFERING INCLUDE THE	No
AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	
USER DASHBOARD / REPORTING?	The MTI CarePortal's Clinical Dashboard allows for quick, single-screen monitoring of your patient's status. Quickly triage patients based on your specified metrics and receive actionable data alerts to prioritize care. Standard Metrics include Target Value Blood Pressure, Target Value Weight, Weight Change Metric, FEV1 Progression (Daily Best), Alarms Triggered, to name a few.
USER EDUCATION / DISTANCE LEARNING?	For BYOD, each patient will receive a printed Quick Start Guide to educate on how to use our solution. For patients using the GoHome™ or GoMobile™ they will receive both a printed and electronic Quick Start Guide to educate them on how to use our solution. We also have training videos for some of the technology available on the data collection platforms.
USER COACHING?	Avatar Assisted Technology. MTI's Avatar-Assisted-Technology assures that instructions given to each patient are consistent – every time. Lisa provides verbal pre-test instructions and coaches the patient in any one of twenty-nine languages. For some cardio-pulmonary measurements Lisa reviews the data and provides post-test response. Results automatically uploaded to the MTI Careportal.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Currently MTI has not connected to Social/Community organizations like Aunt Bertha or Unite Us. We are willing to explore this opportunity, if requested.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes.
IDENTIFIES GAPS IN CARE?	The MTI Platform is more than a Blood Pressure solution. The MTI Platform simplifies physiologic testing collection for the patient. Using Smartphones, tablets, or other physiological data collection hubs like MTI's GoHome™. Then the MTI CarePortal collects, displays, tracks, trends and alarms on most types of physiologic data, including: • Blood Pressure • Forced Spirometry • Slow Spirometry • Exhaled Nitric Oxide • Pulse Oximetry • Glucose Meters • Weight • Questionnaires • And more
AVAILABLE LANGUAGES?	31 Different languages; 39 including localization
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Our text can be translated with consideration of localization of languages.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No No
USER TRAINING / SUPPORT / MAINTENANCE?	MTI will provide training with a philosphy such as "train the trainer".
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	The MTI CarePortal has a number of standard administrative tools for reporting and tracking outcomes. The MTI CarePortal's Clinical Dashboard allows for quick, single-screen monitoring of your patient's status. Quickly triage patients based on your specified metrics and receive actionable data alerts to prioritize care. Additionally, the MTI CarePortal has reporting capabilities that address many of administrative needs of our clients and customers. Lastly, if our clients or customers have specific reporting needs we are always willing to explore that request and develop customized reporting solutions.
TELEMED CAPABILITY?	MTI has partnered with a telemedicine company called VSee. We have integrated the VSee Apps into our patient platforms - GoHome™ and GoMobile™. This simplifies the patient experience for performing both telemedicine (video conferencing) and physiologic data collection (remote patient monitoring).
ADDITIONAL FEATURES?	MTI supports many care plans and validated questionnaires, including its own custom care plans and questionnaires. It also has the ability to support licensed care plans such as the American Heart Association High Blood Pressure Careplan, but expects its clients to license the plans they want to incorporate into the CarePortal.



	Indie Health / Verustat
CONTACT PERSON - NAME / EMAIL / PHONE	Clint McClellan clintm@indie-health.com 619-890-4966
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Remote Physiological Monitoring Web portal and app access for all patient data. Patients, providers, and other members of the healthcare team can easily access the patient readings.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Medicare
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Upper Arm Bluetooth Low Energy Blood Pressure Monitor with a Wide-range Cuff - 22 to 42 cm
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Yes, Average cost is \$10.99 for XS or XL cuff.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	The BP Monitor is FDA cleared
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Bluetooth
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	None today. Collaborating with a provider today who can interface the data through a UI design.
INTERNET / WIFI CONNECTION REQUIREMENTS?	None. We provide cellular enabled HUB or phone and Indie Health AutoPair for BYOD.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Verustat portal and app
USER MESSAGING / PROMPTS / ALERTS?	Real time alerts for all measurements and measurement outside of range
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	No, but we are open to adding based on volumes and requirements.
USER DASHBOARD / REPORTING?	Yes
USER EDUCATION / DISTANCE LEARNING?	No
USER COACHING?	Care Coordination Call Center
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	No
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	No
IDENTIFIES GAPS IN CARE?	No
AVAILABLE LANGUAGES?	English today, others are available
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	No
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No, but we are partial veteran owned.
USER TRAINING / SUPPORT / MAINTENANCE?	Yes
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Tracking monitoring compliance
TELEMED CAPABILITY?	No
ADDITIONAL FEATURES?	We offer BYOD with peripheral BP, a hub and BP or a phone and BP. The phone is fully customizable to the patient. And white labeled. The phone is telemed visit capable but today we don't offer that service.



	Lumi Health
CONTACT PERSON - NAME / EMAIL / PHONE	Fahad Rahman fahad@lumi.health 571-451-5551
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Lumi's Intelligent Care Platform helps clinicians in appropriate medication selection and target dose management to ensure compliance with guideline directed medical therapy (GDMT) for hypertension and related comobordities. The platform scans medical records for all medication improvement opportunities and provides clinicans with recommendations. It also utilizes Machine Learning-based prediction models to identify 'rising risk' patients based on key biomarkers (such as blood pressure) and other clinical data. These patients are escalated to the clinicans for urgent attention to prevent 'high risk' events from occuring. The platform's Al-driven feedback loops provide clinicans with superior visibility into how patients are reacting to medication and/or lifestyle changes, so that they can intervene when appropriate.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Extensive experience in Medicaid nationally. Involved with New York Medicaid's DSRIP initiative both on the Medicaid and provider sides.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	BodyTrace BT-105 (Standard Cuff)
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	No additional costs
WHICH OF THE DEVICES LISTED ARE VALIDATED?	BT-105 is FDA Validated (we also offer a BodyTrace Weight Scale - BT-005)
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Cellular
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Athenα, GE Centricity (developing connection with EClinicαlWorks)
INTERNET / WIFI CONNECTION REQUIREMENTS?	Cellular
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Internet (app in development)
USER MESSAGING / PROMPTS / ALERTS?	Yes
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	Yes
USER EDUCATION / DISTANCE LEARNING?	Yes
USER COACHING?	Yes
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	None but exploring
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	No
IDENTIFIES GAPS IN CARE?	Yes
AVAILABLE LANGUAGES?	English, Spanish
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Strict Translation (Culturally Adapted in development)
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No we do not
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	Yes, we are more than 51% owned in categories listed
USER TRAINING / SUPPORT / MAINTENANCE?	Yes
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Yes
TELEMED CAPABILITY?	Not yet
ADDITIONAL FEATURES?	Machine Learning prediction algorithms for risk trending, evidence-based workflows to support guideline directed medical therapy and other relevant patient interventions



	mmHg (Millimetres Mercury) Inc.
CONTACT PERSON - NAME / EMAIL / PHONE	Peter Wood peter.wood@mmhg.ca 587-926-0440
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	SaaS Model. Pricing is per patient per month. Enterprise pricing for larger patient numbers also available for reduced cost. Focus is on sustainably priced solutions that promote best practice.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	mmHg has partnered with several clinical organizations, and primary care advisory groups, to deliver technology-assisted self measured blood pressure programs to FQHCs, as part of the recent supplemental funding for hypertension (NHCI-HC) program. We have also partnered with clinical groups to support their remote patient monitoring needs for the FCC Telehealth Program.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Focus on clinically validated devices including all devices on validatebp.org. Device agnostic. Cuff selection is per vendor. Currently have 28 Bluetooth-enabled devices (all with clinical validation) on the platform and adding more.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Device agnostic solution - do not control / interact with the costs of the hardware solutions including different cuff costs.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	All - Bluetooth pair with all devices on the validatebp.org validated device listing.
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Bluetooth to smartphone (iOS and Android - free download for patients). Smartphone to cloud server. Cloud server viewed through clinician portal. HIPPA, PIPEDA compliant. Country-specific servers. US data stay in US. Can support cellular and WiFi based hubs.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Currently creating APIs and working on integration to multiple EMRs (inc. Centricity, e-Clinical Works, All Scripts, and supporting frameworks i.e. Qvera).
INTERNET / WIFI CONNECTION REQUIREMENTS?	Smartphone-based, so works based on patient's cellular data. We can also use wifi or cellular enabled hubs if desired.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Smartphone-based interface for patients. Internet (web) based clinician portal for clinical providers.
USER MESSAGING / PROMPTS / ALERTS?	Patient-provider messaging available. Provider alerts on clincian portal available.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Platform does not currently include the High Blood Pressure Careplan. As a best practice infused platform will work with AHA to integrate.
USER DASHBOARD / REPORTING?	Clinician portal includes: dashboard, filterable by diagnosis, sortable by column, all vitals including 3day, 7day, 30day BP and HR. Provider alerts, patient onboarding, patent-pending guideline-concordant SwipeAveraging feature enables providers to instantly generate flexible averaging to facilitate best clinical practice. CSV export for analytics available also.
USER EDUCATION / DISTANCE LEARNING?	Patient facing BP measurement page includes infographic and BP measurement instructions as per US guidelines. Learn tab includes extensive education on HTN. Available in English, Spanish, French, Chinese. SwipeAveraging teaches clinicians best practice.
USER COACHING?	BP series alerts available for patients. Provider alerts for high BP sortable and filterable available on clinical portal.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	This function is built, but has not yet been used.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes, our product was developed by university-based academic researchers and experts in the field of HTN and is being used by a number of large research organizations in Canada and the US for data collection.
IDENTIFIES GAPS IN CARE?	Through alerts and the clinician dashboard. Future versions will contain digital therapeutics
AVAILABLE LANGUAGES?	English, French, Spanish, Chinese
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Strict translation. Our measurement page contains culturally adapted, customized avatars - selected by patients. Will continue to add culturally sensitive images for patient users, and can work with provider partners to do this.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No. However, big focus on diversity. Support 4 languages and have 8 different avatars representing various ethnicities and cultures - continuing to develop more. Over 50% of team members are part of an ethnic minority.
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	Yes. Greater than 51% of mmHg Inc. is owned by individuals of Asian ethnicity and heritage. Greater than 25% woman owned.
USER TRAINING / SUPPORT / MAINTENANCE?	Learn tab for patients teaches them about the app and HTN. Support available for providers including web-based training and trouble-shooting. Platform built to be simple and highly usable.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	CSV export is provided so that providers can analyse their data. Analytics planned in future build.
TELEMED CAPABILITY?	No, but are integrating with EMR providers that do this.
ADDITIONAL FEATURES?	All vitals provided, including Bluetooth capability for weight, glucose, pulse oximetry. The SwipeAveraging feature and patient teaching features are industry leading and promote best practice.



	Pack Health, LLC
CONTACT PERSON - NAME / EMAIL / PHONE	Megan Martin megan.martin@packhealth.com 703-400-6513
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Digital Patient Engagement Platform to improve health outcomes for 25+ chronic conditions, including Hypertension, Dyslipidemia, and Congestive Heart Failure.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Multiple Federal Grants from OMH, CDC and AHRQ in collaboration with academic research institutes and non-profits, in addition to FQHC-based programs.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Wireless BP Measuring with standard cuffs and mini cuffs
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	An adjustable cuff and/or standard wide cuff can be made available. We would bill these back as part of the program at cost.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	Omron 10 Series Wireless BP7450, Omron 5 Series Wireless BP7250, Omron 7 Series Wireless BP7350, Omron Complete Wireless BP7900, Omron Gold Upper Arm BP5350, Omron Platinum Upper Arm BP5450, Omron Silver Wireless BP5250
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Depending on the device used and the user preferences, data may be transmitted via cell, Bluetooth, and/or manually. We use Validic to transfer downloaded data into our system.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Partnership with UniteUs to integrate with multiple EHR platforms
INTERNET / WIFI CONNECTION REQUIREMENTS?	None
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	We provide an omni-channel (telephone, email, text, app) interface where user can connect via their preferred method.
USER MESSAGING / PROMPTS / ALERTS?	We provide a high touch model with 5-weekly interactions using an omni-channel interface that allows communications via the participants preferred method of phone, text, and/or email. Members typically engage once weekly over the phone followed by prompts and complementary resources delivered via text and/or email.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Not at this time. However, we do currently align our curriculum to AHA's clinical guidelines for nonpharmacologic therapy and lifestyle management for hypertension.
USER DASHBOARD / REPORTING?	Dashboards, including aggregated data, are available for program partners.
USER EDUCATION / DISTANCE LEARNING?	Yes. Pack Health is a digital platform with omni-channel communication capabilities to meet participant's preferred communication needs. Participants receive an educational and support curriculum aligned with their primary therapeutic area. Curricula are reviewed by clinical experts and are aligned with Standards of Care.
USER COACHING?	Yes. Each participant is assigned a certified Health Coach with an allied health background.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Pack Health integrates with Aunt Bertha and UniteUs to ensure patients have access to local resources they need at the time they need them. Our program is designed to account for and help address social determinants of health (SDOH).
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes, we have the capabilities to do so if required.
IDENTIFIES GAPS IN CARE?	Yes and we are able to escalate to appropriate member of care team, as needed.
AVAILABLE LANGUAGES?	Integrated with Dynamic Language to allow over the phone translation in 150+ languages
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Pack Health utilizes community focus groups and social listening platforms to create culturally responsive content. Our coaches also receive training in cultural competency and health literacy.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No No
USER TRAINING / SUPPORT / MAINTENANCE?	Pack Health provides device training and support from our in-house support team.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	150+ patient reported outcomes are collected on each participant throughout the engagement. Outcomes are reported back to program partners. Please click here for a list of related publications and presentations.
TELEMED CAPABILITY?	Yes. Pack Health is a digital platform with omni-channel communication capabilities to meet participant's preferred communication needs. In addition, we partner with 98point6.com to link participants to telemedicine primary care providers should they need it.
ADDITIONAL FEATURES?	Integrations with food delivery, transportation services, discount referrals, insurance navigation, and appointment prep.



	PharmaSmart
CONTACT PERSON - NAME / EMAIL / PHONE	Josh Sarkis js@pharmasmart.com 604-512-5550
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	PharmaSmart is the world's leading manufacturer of advanced, clinically validated blood pressure, weight, and BMI kiosks for public use. The kiosks also support integration with leading glucose meters supporting diabetes management programs. The only kiosk listed on the US Blood Pressure Validated Device List™, PharmaSmart offers clinical-grade blood pressure and weight screening, along with innovative patient engagement, connectivity, and population health management solutions.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	PharmaSmart serves numerous state, county and munipal installations. We also serve US Government sites, including military and State Department installations.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	PharmaSmart kiosks employ a single, patented upper arm blood pressure cuff that provides clinically validated readings on a very wide range of adult arm sizes, including obese and cone-shaped arms, which are challenging for any blood pressure system.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	PharmaSmart Kiosks employ a patented, clinically validated ("universal") cuff that accomodates adult upper-arm circumference sizes from Small to XL. No additional cuffs are necessary.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	All Models are validated and on the VDL™ listing: PS-1000, PS-2000D
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	3G and 4G Wireless Bluetooth Wi-Fi Wired Ethernet
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	PharmaSmart has a robust API allowing flexible integration options. PharmaSmart has completed integrations with most major pharmacy EHR's, including McKesson and PDX. We are able to work with large and small enterprise organizations to integrate patient data.
INTERNET / WIFI CONNECTION REQUIREMENTS?	PharmaSmart suports all types of connectivity and has experience working with clients to address security and firewall issues.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	PharmaSmart Kiosks have user-friendly interface, and newer models allow for customized user journeys (for enterprise customers). We have a high web-based patient web-portal, and mobile-friendly microsite that supports client APP integration.
USER MESSAGING / PROMPTS / ALERTS?	PharmaSmart kiosks alert patients at the end of the BP test if their readings fall in a high category. New models allow for customization of messaging and calls to action, including custom video messaging. The kiosks also provide printed results and custom instructions for the patient. Backend integrations allow for text messaging and emails to patients and alerts pushed to care providers.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	
USER DASHBOARD / REPORTING?	PharmaSmart provides a full suite of population health dashboards for small or enterprise level provider clients.
USER EDUCATION / DISTANCE LEARNING?	PharmaSmart's PS-2000D health kiosk supports immersive video and audio education, including full-feature applications with touch screen functinoality. The kiosks also allow patients to print info to take home, or "send themselves" more info by email or SMS, or scan QR codes for more info or APP downloads. Full customization of the user experience is possible.
USER COACHING?	PharmaSmart PS-2000D features a filmed "virtual physician" who guides the user throught the proper use of the kiosk and educates the patient about blood pressure, obesity, diabetes, and more. The kiosk also obtains patient consent and contact info for organizations that wish to create electronic educational distribution lists.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	The PharmaSmart PS-2000D can support these platforms on the kiosk as a kiosk APP - driving awareness and usage of these tools at the point of care and time of screening.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes
IDENTIFIES GAPS IN CARE?	In addition to screening for hypertnsion and obesity, the PS-2000D kiosk also supports surveys, questionairres, and risk assessments to help identify individual and population-level care gaps.
AVAILABLE LANGUAGES?	English, Spanish, French, More can be incorporated as required.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Culturally Adapted
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No No
USER TRAINING / SUPPORT / MAINTENANCE?	Yes
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Full reporting backend supporting population health management and triage care. Flexible data reporting methods including API integration via Google Cloud Platform.
TELEMED CAPABILITY?	Fully supports remote monitoring of blood pressure, weight, BMI, collection of glucose meter data, and other self reported data via touch screen monitor.
ADDITIONAL FEATURES?	

	Preventric Diagnostics, LLC
CONTACT PERSON - NAME / EMAIL / PHONE	Phillip White, Founder pwhite@preventric.com 205-478-1110
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	The Preventric integrated Device and Software as a Service (D&SaaS) solution is a flat monthly fee per device charged to the physician practice. Cost recovery for clinics is available under active CPT coding 93784 & 93050.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Submitted proposal to assist with CDC grant to University of Alabama at the request of the Dean of the College of Community Health Sciences. Proposal is currently under active review. A copy of the proposal is provided as an appendix to this response.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Preventric's BPro wearable is the world only sensor based clinical BP device, specifically designed for Ambulatory Blood Pressure Monitoring (ABPM)
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	No. Each device packaging includes three size bands - small, medium and large.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	BPro is an FDA Cleared Class II Medical Device
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	BPro reports are generated in PDF format on a desktop machine and can be appended patient records within EHR.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Internet/Wifi is not required
INTERNET / WIFI CONNECTION REQUIREMENTS?	BPro reports are generated using a desktop app that may be installed on a local machine or network.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Preventric currently utilizes a 3rd party CRM for user messaging and alerts. Integration of USER MESSAGING / PROMPTS / ALERTS are in product roadmap, estimated commercial minimum viable product release August 2022
USER MESSAGING / PROMPTS / ALERTS?	Integration of AHA CarePaths, which include USER DASHBOARD / REPORTING are in Preventric's product roadmap, estimated minimum viable product release October 2022.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	Integration of AHA CarePaths, which include USER EDUCATION / DISTANCE LEARNING are in Preventric's product roadmap, estimated minimum viable product release August 2022.
USER EDUCATION / DISTANCE LEARNING?	Integration of AHA CarePaths, which include USER COACHING are in Preventric's product roadmap, estimated minimum viable product release August 2022.
USER COACHING?	Integration of SOCIAL CARE NETWORK is in product roadmap, estimated minimum viable product release August 2022.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Integration for NATIONAL HPP REGISTRY in product roadmap, estimated minimum viable product release August 2022.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes. Please see attached Preventic Appendix
IDENTIFIES GAPS IN CARE?	BPro reports are currently generated in PDF format on a desktop machine and can be appended patient records within all EHR's that provide that functionality. Integration with EPIC is part of Phase II MVP in Q4 - 21
AVAILABLE LANGUAGES?	English is currently available with provider facing BProSoft, Spanish can be included in BProSoft product roadmap. Integrated AHA CarePaths currently feature both English and Spanish.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	English is currently available with provider facing BProSoft, Spanish can be included in BProSoft product roadmap. Integrated AHA CarePaths currently feature both English and Spanish.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No.
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	Yes, 62% of Preventic, Inc. is veteren owned and controlled.
USER TRAINING / SUPPORT / MAINTENANCE?	User training is available.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Numerous outcomes and evidence data points are available for administrative documentation.
TELEMED CAPABILITY?	 Inclusion of the Preventric BPro into HRSA/AHA health information technology stack (HIT) as a strategy to improve provider outcomes and patient health outcomes related to the identification of individuals with undiagnosed hypertension and management of adults with hypertension. Preventric BPro device integration positions CCHS to deliver superior performance evidence for CDC evaluation through: 2_Improved Diagnostic and Prognostic Accuracy at the Provider Level 3_Superior Tracking Data 4_Diagnostic Precision for Evaluation and Measurement Superior Tracking Data Diagnostic Precision for Evaluation and Measurement
ADDITIONAL FEATURES?	May be ordered by physician using telemedicine



	Reach
CONTACT PERSON - NAME / EMAIL / PHONE	Fran Ayalasomayajula fran@reachtl.org 619-800-6443
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	Annual Subscription; Comprehensive whole person wellness platform providing RPM, telehealth, education, exercise, and online communities that support chronic disease management and a speciality platform for pregnant women with a focus on maternal mortality and morbidity prevention, and support for at risk pregnant women.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	Promoter and participant of the hypertension management and prevention programs led by the Office of Women's Health.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Standard arm cuff, wrist, and wearble through our partners A&D and Omron We also provide BLE enabled weight scales, glucometers, pulse oximeters, and thermometers.
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Yes the devices allow for a larger cuff size. There is an extra cost for the larger size cuff.
WHICH OF THE DEVICES LISTED ARE VALIDATED?	All: A&D αnd Omron
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Bluetooth, BLE and manual; we provide a hub device that connects via bluetooth to the BP monitor and routes the data via LTE/5G or wifi. We also provide support for BYOD (patients use of their own cellular device) to which the BP monitor, and other devices connect and transmit via cellular or wifi.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRs YOU CONNECT WITH)	We integrate into Cerner, EPIC, Allscripts, and a variety of legacy systems. Reach has adopted industry standards. Our platform is modular in nature, an optimal approach to interoperability as recommended by the ONC. In this way, our platform connects to healthcare systems and any number of EHRs may be plugged in, enabling a highly configurable and adaptable approach to rapid scaling. This is made possible by three core elements of the Reach solution, (1) Reach IRIS for Health; (2) Reach MODEL powered by IRIS and (3) Reach MORE. We deeply RestAPI as well as supprt a variety of integration points including SMART on FHIR.
INTERNET / WIFI CONNECTION REQUIREMENTS?	Our prefered partner is AT&T which enables us to provide access to the last mile through AT&Ts FirstNet Network in rural and remote areas. AT&T was the 25 year contract with the Federal Government for serving first responders. Users may also use their own devices or our full kits which come equipped with hub devices that are preconfigured with LTE connectivity. Please note that if a care provider prefers an alternate carrier, Reach will accommodate their request.
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	User may access dashboards and education material via app and web browers. Teleconsults are supported on the app. The app is multi-OS and runs on Android and iOS devices. Chrome, Edge, and Safari are all supported browsers.
USER MESSAGING / PROMPTS / ALERTS?	The platform has messaging and alerts which are configurable by the provider, as well as end user permission can be granted to enable the end user to modify frequency of notifications. Care providers also set protocols which determine the message time, as well as when triggers and alerts are activated.
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	There are two dashboards, an end user dashboard and a provider dashboard. Both are updated in near real-time. There are a set of standard reports which may be generated. Additionally the provider may generate ad hoc reports. In addition, patients may generate ad hoc report which they may email to personal caregiver, healthcare provider, and/or patient advocate.
USER EDUCATION / DISTANCE LEARNING?	Reach's platform provides the appropriate health education in combination with patient data to ensure patients understand the information being presented and any necessary steps that need to be followed. American Heart Association Care Plans are integrated into our solution to ensure that patients receive access to evidence based health education.
USER COACHING?	We offer a variety of coaching materials including daily assessments and guided content through the American Heart Association's Care Plans. We also provide personalized exercise programs certified through the National Society of Health Coaches and provide Health and Fitness Coaches through MyFitScript. Additionally we offer videos that coach the user on how to use the platform and how to properly use their biometric devices, including videos from the American Medical Association and A&D.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Our platform includes access to two critical community environments: Believe Her and Release the Pressure. Believe Her is an online community that includes ambassadors who facilitate a series of online peer groups that are theme based. The second program, Release the Pressure, is focused on addressing issues related to high BP and peer group support through the American Medical Association.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	Yes, data can be linked and presented in registeries using the preferred file formats and delivered to near real time registration.
IDENTIFIES GAPS IN CARE?	The platform program is intended to support the needs of medically underserved communities; provide easy to use remote monitoring, and offer access to care for underserved and hard to reach populations. The platform contains cultutally sensitive content and presents the user with daily assessments to facilitate early detection of potential complications, adverse events, contraindications, and mental health support.
AVAILABLE LANGUAGES?	English (default), Spanish, French, Italian, Portuguese, Russian, Thai, Korean, Chinese, Danish, Swedish, Czech, Polish, Turkish and Greek.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Culturally adapted for Spanish.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No. We do not have an official certification.
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	We are not a for-profit entity. We are a 501c3 non-profit (Tax ID Tax ID: 81-1957621) which means there are no "owners" per se. However, the founder and lead executive is a minority and woman, and both management/operations and the board is over 51% female and from the racial minority groups listed above.
USER TRAINING / SUPPORT / MAINTENANCE?	We provide system onboarding training to providers; asynchronous webbased training for end users; and 12-Hour Support, 8am-8pm Eastern Time, Monday-Friday for both patients and providers.
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	All data that is entered in the system can be extracted from the system based on users' privileges. Our system is HIPAA and GDPR compliant. Administrator may set user and monitor, track and report. Agregagtive reports can be generated along with descriptive statistics for tracking outcomes.
TELEMED CAPABILITY?	Yes, in addition to Vidyo (leading provider for integrated telehealth) ready, we also have set parameters to support the FCC's ACE Direct for the hearing impaired. This also enables us to provide interpreters and captions for the hearing impaired.
ADDITIONAL FEATURES?	No response

	TimeDoc Health
CONTACT PERSON - NAME / EMAIL / PHONE	Chris Knoff chris@timedochealth.com 612-382-8746
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	TimeDoc Health offers a cellular-enabled blood pressure device that automatically pushes patient readings into our proprietary web-based platform. Our software can easily integrate with most ambulatory health record systems, allowing patient submitted vitals to be available directly from the patient chart. We also offer remote care services through our in-house team of medically trained professionals who can review patient readings and provide monthly one-on-one health coaching and education.
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	We work with 45+ FQHCs across the country to provide virtual care management software and services spanning chronic care management, behavioral health integration, and remote patient monitoring.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Standard Cuff
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	We have additional cuff sizes for NO extra cost
WHICH OF THE DEVICES LISTED ARE VALIDATED?	NA
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Cellular - using LTE CAT M1 technology. Officially known as CAT M1, this technology is a low-power wide-area (LPWA) cellular technology specializing in transferring low to medium amounts of data (200 – 400 kbps) across a wide geographical range.
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	Bi-directional integrations where vitals are available from the patient chart: athenahealth, Allscripts, eClincialWorks, Greenway Health (Intergy and PrimeSuite), Epic, NextGen, OCHIN, GE Centricity Standard integration, one direction sync where data flows from EHR into TimeDoc Health platform: QuestQuanum, eMDs, AdvancedMD, AllegianceMD, HealthFusion, afoundria, Kareo, SRS Health, Practice Fusion
INTERNET / WIFI CONNECTION REQUIREMENTS?	No additional internet or WiFI needed
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Wearable - connected to a digital interface that wirelessly transmits patient readings using cellular data
USER MESSAGING / PROMPTS / ALERTS?	In DEVELOPMENT FOR RELEASE FALL 2021: • Real-time text/email communication from inside TimeDoc Health Platfrom between care provider and patient • Manual & Automated text/email messages
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Our offering does include care plans that follow evidence based medicine guidelines and protocols
USER DASHBOARD / REPORTING?	Yes - TimeDoc Health's patient dashboard allows clinics to filter on minutes of care provided, patient adherence to program, active problems, and much more.
USER EDUCATION / DISTANCE LEARNING?	Yes - TimeDoc Health offers enrollment services that educate patients on SMBP device usage and best practices for taking blood pressure.
USER COACHING?	Yes - TimeDoc Health offers remote monitoring services that review patient submitted vitals and provide one-on-one patient coaching.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	No
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	No
IDENTIFIES GAPS IN CARE?	Yes - TimeDoc Health offers care management services through our team of medically trained care managers who specialize in addressing gaps in care and working with patients to work through socioeconomic and other factors that impact patients' health.
AVAILABLE LANGUAGES?	English, Spanish
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Culturally adapted
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	No No
USER TRAINING / SUPPORT / MAINTENANCE?	Yes - TimeDoc Health provides a client success manager to each clinic to help train clinic staff and devise workflows that optimize success for the clinic. The client success manager regularly meets with the health center to ensure on-going success for practice and patients
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Yes - TimeDoc Health's platform offers many standard reports. Custom reports may be made available by request.
TELEMED CAPABILITY?	Yes - through phone based engagement
ADDITIONAL FEATURES?	Customizable alerts based on patient or practice that notify providers (via Email and in-platform) when patient submitted readings are outside of the accepted range. Adherence notifications that flag patients who have low and no compliance to submitting readings.

	TupeloLife Digital Therapeutics
CONTACT PERSON - NAME / EMAIL / PHONE	Rob Sanchez rob@tupelolife.com
BUSINESS MODEL - DESCRIPTION OF YOUR PLATFORM / SOLUTION	TupeloLife Digital Therapeutics is pleased to offer the Precision Care Platform (PCP) for remote patient engagement and management of chronic conditions to include hypertension. The PCP delivers an omni-channel approach to remote patient management which combines, cellular-enabled blood pressure monitors, the AHA Hypertension CarePlan, and human health coaching/monitoring. Our devices utilize SIM technology to safely and securely transmit blood pressure readings to the PCP which consists of a patient's private portal and a healthcare provider portal. The Patient's PCP Dashboard is made up of the Life Simple 7 principles to help patients adhere by those practices that help lead a heart healthy life. Our platform can also take activity tracker data from Apple Watch, Fitbit and Google Health. It also has an AI BOT and an interactive component that asks a series of questions based on the day, which empowers and educates the patient to take control of their BP. At the same time, those data points along with their BP readings are transmitted to the healthcare provider PCP portal where that data can be further analyzed by a clinician. The AHA CarePlan serves as a guide for the clinic staff to know what to ask and what content to discuss to best manage patients in this program. For patients apprehensive or unwilling to utilize a computer or mobile device, we have also created a hardcover CarePlan manual, designed for the patients to use and enter data points of information on their health that can be share with their clinical staff and continue to follow the AHA CarePlan standards. We have flexible terms to meet a variety of needs and budgets. We have a turnkey program which includes the devices, monthly cellular connections, PCP provider/patient portal access and a nurse management support. Alternatively, we can also provide the cellular based devices with a monthly cellular connectivity fee which includes access to both the PCP patient and healthcare provider portal. ccess comes with an unlimited seat licenses so
PRIOR EXPERIENCE WITH HRSA OR OTHER GOV'T ORGS	5+ years of providing platform and solution for the national hypertension program check change control tracker and calculator for the American Heart Association. 4+ years experience in providing wellness programs and solutions for the Crown Prince Court, Abu Dhabi.
BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC)	Cellular-enabled Standard Cuff
IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?	Standard size cuff available only. 22-42cm (8.6-16.5in.)
WHICH OF THE DEVICES LISTED ARE VALIDATED?	Blood Pressure Cuff is FDA Cleared
HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)	Cellular Transfer
DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDING WHICH EHRS YOU CONNECT WITH)	We offer integration with EHRs, an open API and Software Development Toolkit to facilitate integration
INTERNET / WIFI CONNECTION REQUIREMENTS?	None, data is securely transferred via cellular communication
USER INTERFACE? (INTERNET, APP, WEARABLE OR OTHER)	Users have access to the following: 1) A secure progressive web application, that will appear as an app on all mobile device 2) An AI BOT following AHA HTN CarePlans 3) An patient facing interactive application within the portal 4) A hardcover 90-day HTN Control journal
USER MESSAGING / PROMPTS / ALERTS?	Clinics can receive high alerts based on AHA HTN guidelines and custom BP parameters Patient Portal alerts include: • SMS/Text reminders to take BP • SMS/Text reminders to retake elevated readings Healthcare Provider Portal alerts include: • High alert breech on BP based on AHA Guidelines • High alert breech on BP based on MD protocols
DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION LICENSED "HIGH BLOOD PRESSURE CAREPLAN"?	Yes
USER DASHBOARD / REPORTING?	Users can print, printer friendly reports outlining BP readings by date and plotted on a graph to better illustrate the person's BP trend. User can customize according to desired timeframe.
USER EDUCATION / DISTANCE LEARNING?	Our software will provide an AI BOT and an interactive section that will provide AHA Hypertension CarePlan questions. That data will be recorded and submitted to the provider portal, where a nurse and care team can correlate the daily readings to the answers from the CarePlan questions to address gaps in care, address education needs and provide timely healthcare interventions as necessary. The Hypertension Journal will also serve as an educational guide. It will deliver educational content provided by the AHA on heart health, exercise, nutrition, cholesterol, blood glucose and more.
USER COACHING?	We can provide the option to use our health coaches and nurses, OR the clinic can utilize their clinical coaching team. Either way the health coach will be guided by the CarePlans to better engage the patients routinely and help them take control of their BP.
SOCIAL / COMMUNITY CONNECTIVITY? (SUCH AS AUNT BERTHA / UNITE US / OTHER)	Open to integration with the social care platforms based on lite integration based on hyperlinks or embed links based on the platform.
CAN YOU LINK WITH A NATIONAL HBP REGISTRY?	System is designed/coded with the capabilities to integrate with registries.
IDENTIFIES GAPS IN CARE?	The CarePlans will help the clinician understand the patient journey as they follow on the journal, the BOT or the interactive Q&A program online. Throughout this evidenced-based approach, we will be able to identify gaps of care such as identifying the need to take labs such as cholesterol readings, hemoglobin A1C, preventative test such as annual wellness visits, fall risk assessments, cardiac testing and more. The CarePlan will serve to remind both the patient and the nurse on gaps of care described above, plus it will provide the nursing team with enough information to deliver holistic care.
AVAILABLE LANGUAGES?	Language Support Available upon request. The platform is designed and capable to handle multiple languages, currently in English and Spanish.
CULTURALLY ADAPTED VERSUS STRICT TRANSLATION?	Translator to be involved to make sure the translated text are culturally adapted.
DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?	No
IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ ALASKA NATIVE; NATIVEHAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN OWNED?	Yes, ownership is 100% minority owned Asian American Owned
USER TRAINING / SUPPORT / MAINTENANCE?	We provide onboarding service to our clinics, ongoing maintenance and software support
BACK END OFFICE / ADMINISTRATIVE / REPORTING / TRACK OUTCOMES?	Reports include: Hypertension Stratification Report - Outlines your patient population on the program stratified according to the 5 AHA blood pressure categories. The report highlight the number/percentage of patients that have seen an improvement (or decrease) in their readings from start of the program. Hypertension Trend Report - This report identifies the number of patients who are actively involved and are experiencing positive outcomes. Billing Reports - Census report of patients on service and applicable CPT Codes for billing purposes such as RPM or CCM. All reports can be filtered and sorted by age, sex, diagnosis, provider, city, zip code and more.
TELEMED CAPABILITY?	Ability to make phone calls and HD video calls. The system automatically tracks the duration, the caller and receiver and other details and keeps an audit for the same for reporting and engagement purposes. Providers and careteam members can see the patient details and readings in real time during the video call. Efficient process and workflow to make sure all the stakeholders get the best experience along with scheduling and text notifications
ADDITIONAL FEATURES?	Our system has an integrated nutritional database to track the macros for food consumption. We also integrate with Google Fit, Apple Health, and wearables like Fitbit to track steps, activity, sleep, and caloric intake to follow Life Simple 7 standards.

Summary and Insights

SIZE of global digital health market:



181.8 billion in 2020



551.1 billion in 2027 (expected)

The number of companies providing digital health platform services is increasing rapidly. More and more companies are also expanding their digital health services. The global digital health market size was \$181.8 billion in 2020 and is expected to reach \$551.1 billion by 2027, according to a report published by Precedence Research in June 2021⁵.

The American Heart Association's Center for Health Technology & Innovation identified 24 SMBP platform providers in early 2021 to participate in an email survey. In March and April 2021, 20 platforms responded to the same 27 questions to detail their business models, technologies, measurement and reporting capabilities, social media integration and other BP-related attributes.

24 SMBP platform providers

27 Questions Asked

20 SMBP platforms responded

Insights include:

 Only six platforms — AliveCor, Canary Telehealth, Indie Health-Verustat, Lumi Health, Pack Health, and PharmaSmart — had prior experience with HRSA or other government grant programs at the time of the survey. Prior experience navigating the platform and device acquisition processes part of government grants that fund community health centers is helpful, but not vital.

- Platforms use a variety of business and delivery models, including Software as a Service (SAAS), Platform as a Service (PAAS), Device as a Service (DAAS), remote patient monitoring (RPM), SMBP, device + app, EHR light and others. Decision-makers should recognize that the local electronic health record (EHR) and other elements that make up the existing community health center technology platform may link more easily or less easily with different business and delivery models.
- Conventional BP measurement cuffs come in a variety of sizes to fit the broad range of human body shapes and sizes. The availability of multiple SMBP cuff sizes is an advantage.
- Using a validated SMBP device is required for reimbursement by the Centers for Medicare and Medicaid Services (CMS). But only nine platforms have devices on the Validated Device List (VDL) https://www.validatebp.org/. Other payers may have other validation requirements. Food and Drug Administration marketing authorization does not guarantee that a SMBP device can deliver clinically accurate, repeatable and useful BP readings.



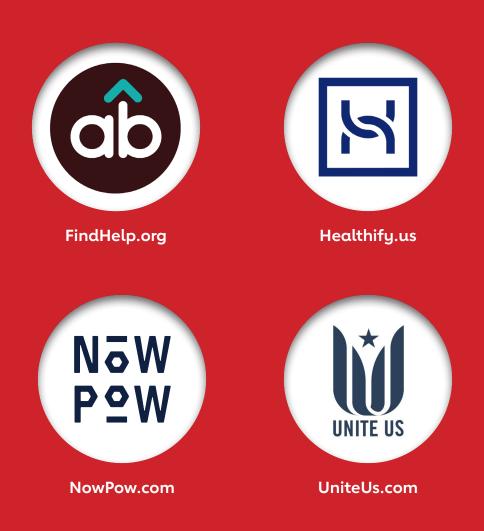


- A&D Medical
- AliveCor
- AMA Innovations
- Canary Telehealth
- Continuing Health
- Heka
- PackHealth
- PharmaSmart
- Reach
- BP readings can be transmitted using Bluetooth or cellular technology. The technologies are functionally
 equivalent and dependent on operational Bluetooth or cellular links to transmit BP measurements to the
 health care professional. The preferred communications technology largely depends on which is more
 readily available to patients in the location they normally use their SMBP device. If the communication
 link is not available, some devices can store readings and transmit data later.

Data Transmission Capabilities:

Company	Manual	Bluetooth	Cellular
A&D Medical	Yes	Yes	No
AliveCor			
AMA Innovations, Inc. (Verifi Health)	Yes	Yes	Yes
Canary Telehealth	Yes	Yes	Yes
Certintell Telehealth (Powered by Link4life)	No	No	Yes
Continuity Health Solutions			
Heka Health, Inc.	Yes	Yes	No
Hello Heart, Inc.	No	Yes	No
Higi	No	No	Yes
Hoy Health			
Indie Health / Monitored Therapeutics Inc. (MTI)	No	Yes	Yes
Indie Health / Verustat	No	Yes	No
Lumi Health	No	No	Yes
mmHg (Millimetres Mercury) Inc.		Yes	Yes
Pack Health, LLC	Yes	Yes	Yes
PharmaSmart	No	Yes	Yes
Preventric Diagnostics, LLC			
Reach	Yes	Yes	No
TimeDoc Health	No	No	Yes
TupeloLife Digital Therapeutics	No	No	Yes

- Most platforms use a care plan to provide additional coaching, alerts, prompts and education to help patients better manage their blood pressure. The American Heart Association's Blood Pressure Care Plan is a science-based approach used by ten of the 20 platforms.
- Just six platforms incorporate social and community health connectivity and navigation from Aunt Bertha's FindHelp.org, Unite Us or other platforms that can connect users to local community resources. A review of community health connectivity platform vendors is in Supplement 1.

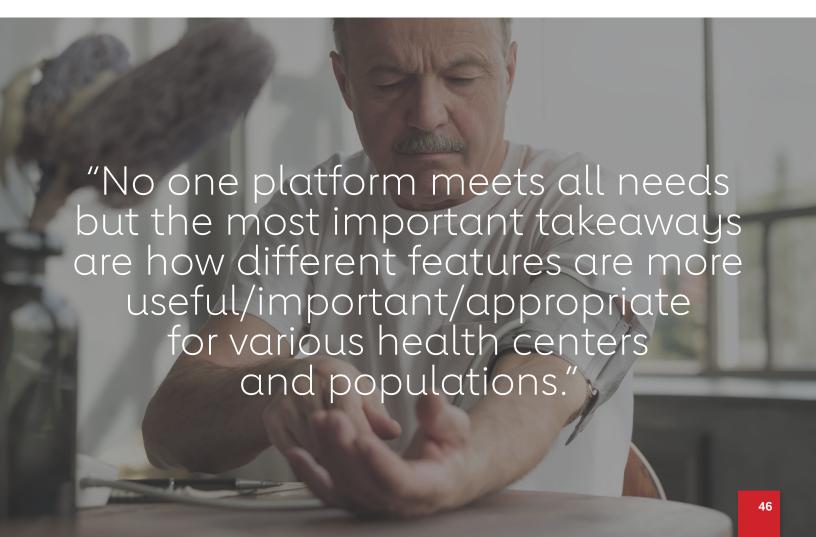


Telemedicine has emerged as a key service during the COVID-19 pandemic to improve health and provide
care when physical visits were not possible or impractical. Telemedicine remains a valuable resource for
more people in under-resourced communities that may lack adequate in-person access to health care
professionals and facilities.

Telemedicine Capabilities:

Company	Telemedicine
A&D Medical	No
AliveCor	Yes
AMA Innovations, Inc. (Verifi Health)	Yes
Canary Telehealth	Yes
Certintell Telehealth (Powered by Link4life)	Yes
Continuity Health Solutions	Yes
Heka Health, Inc.	Yes
Hello Heart, Inc.	Yes
Higi	Yes
Hoy Health	Yes
Indie Health / Monitored Therapeutics Inc. (MTI)	Yes
Indie Health / Verustat	No
Lumi Health	No
mmHg (Millimetres Mercury) Inc.	No
Pack Health, LLC	Yes
PharmaSmart	Yes
Preventric Diagnostics, LLC	Yes
Reach	Yes
TimeDoc Health	Yes
TupeloLife Digital Therapeutics	Yes

- It is vitally important that digital health platform services use devices that provide accurate and reliable measurement data (See Validated Device List in Appendix.) and that all health recommendations and treatment protocols are generated from science-based medical guidelines.
- No one platform meets all needs. One hallmark of a top performer is membership in the AHA's Center for Health Technology & Innovation Innovators' Network, a consortium that connects entrepreneurs, health care professionals, researchers and payers to accelerate novel solutions across the health continuum.
 Tupelo Life and Hoy Health are the top Innovators' Network platforms. Other similarly strong contenders that are not part of the network include AMA Innovations-Verifi, mmHg, TimeDoc and Canary Telehealth.
- The technology that allows for accurate and effective remote patient monitoring is growing at an
 exponential rate evidenced by the capabilities of the participating platform providers. Because of
 rapid technological advances, a health care professional's capabilities can change within a short period.
- From the AHA's perspective, the most important takeaways are how different features are more useful/important/appropriate for various health centers and populations, i.e., urban verses rural, specific language needs, spotty cellular coverage, etc.



Funding and Oversight

The American Heart Association/Department of Health and Human Services National Hypertension Control Initiative (NHCI) is a comprehensive blood pressure and risk factor program designed to reduce disparities among people in under-resourced communities nationwide. The initiative is funded by three DHHS investments over three years:



The Office of Minority Health (OMH) will contribute \$17.5 million to community outreach and integration; program evaluation and management; and patient and public education through community events, outreach and messaging.



The Health Resources and Services Administration (HRSA) will contribute \$14.5 million for health organization, health care professional and clinician training and a patient/public education campaign.

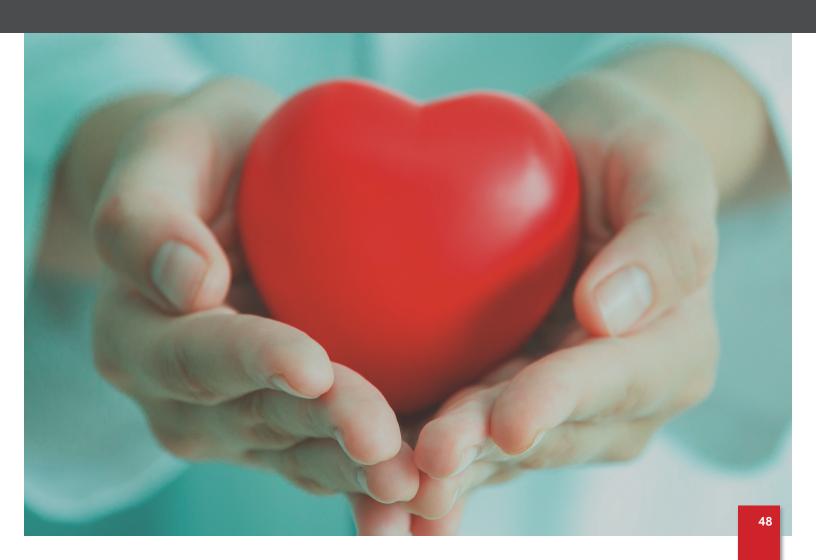


HRSA will provide an additional \$60 million to HRSA-funded health centers.

Role of the American Heart Association's Center for Health Technology & Innovation

The American Heart Association's Center for Health Technology & Innovation develops and delivers evidence-based, scalable, digital health solutions through innovative health tech solutions to provide affordable health care access for patients and their families. The center connects entrepreneurs, providers, researchers and payers to accelerate novel solutions across the health continuum. The center is both a convener, bringing parties together to solve a problem, and a strategic collaborator, lending expertise to develop products and solutions and bridge care gaps and...

improve cardiovascular health for all.



Appendix A

Introductory Email with Overview and Instructions

Provider Contact Email Template

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RESPONSE REQUESTED: Digital Health Platform Provider Landscape

Attachment:

Digital Health Platform Provider Capabilities Form

1-11- NA: /NA-	
Hello Mr./Ms	

The American Heart Association and U.S. Department of Health and Human Services have launched the National Hypertension Control Initiative (NHCI) on self-measured blood pressure for people in under-resourced communities. We would like to know if you're interested in participating in our Digital Health Platform Provider Landscape.

We're evaluating providers on their capabilities to meet the requirements to work with the Federally Qualified Health Centers (FQHCs). Upon completion of the landscape, the AHA will make "recommendations only" to the FQHCs. We will not be involved with contracting or implementation.

Details on the grant can be viewed at https://bphc.hrsa.gov/program-opportunities/national-hypertension-control-initiative.

If you would like to be included, pleas	e fill out the attached Digital	Health Platform Provider Capabilities
Form and return it to me via email at		by end of Friday, April 30, 2021

Your responses on the form can be succinct and you're welcome to attach supplemental materials to further describe your capabilities.

For this stage of the process, I will be your only contact. Please let me know if you have questions, etc.

Best regards,

Appendix B

Companies Responding to the Survey

Company	Contact	Website
A&D Medical	Kyle Kline kkline@andonline.com 408-518-5118	www.andonline.com
AliveCor	Sarah Zweifach szweifach855@alivecor.com	www.alivecor.com
AMA Innovations/ Verifi Health	Matt Menning matt.menning@ama-innovations.com	www.verify.health
Canary Telehealth	Carla Robinson crobinson@canarytelehealth.com	www.canarytelehealth.com
Certintell Telehealth	Benjamin Lefever benjamin@certintell.com 515-802-1281	www.certintell.com
Continuity Health	Bryan Poteet bryan.poteet@continuityhealth.com	www.continuityhealth.com
Heka Health	Tony Salah tsalah@hekahealth.com 650-464-6859	www.hekahealth.com
Hello Heart	Terri Bogen terri.bogen@helloheart.com 971-216-2762	www.helloheart.com
Higi	Vicki Harter vharter@higi.com 570-490-3757	www.higi.com
Hoy Health	Mario Anglada mario@hoyhealth.com 973-647-4247	www.hoyhealth.com

Appendix B

Companies Responding to the Survey (continued)

Company	Contact	Website
Indie Health-MTI	Clint McClellan clintm@indie-health.com 619-890-4966	www.indie-health.com
Indie Health-Verustat	Clint McClellan clintm@indie-health.com 619-890-4966	www.indie-health.com
Lumi Health	Fahad Rahman fahad@lumi.health 571-451-5551	www.lumi.health.sg
mmHg	Peter Wood peter.wood@mmhg.ca 587-926-0440	www.mmhg.ca
Pack Health	Megan Martin megan.martin@packhealth.com 703-400-6513	www.packhealth.com
PharmaSmart	Josh Sarkis js@pharmasmart.com 604-512-5550	www.pharma-smart.com
Preventric Diagnostics	Phillip White pwhite@preventric.com 205-478-1110	www.preventric.com
Reach	Fran Ayalasomayajula fran@reachtl.org 619-800-6443	www.reachtl.org
TupeloLife	Rob Sanchez rob@tupelolife.com	www.tupelolife.com

Appendix C

Instructions on the Digital Health Platform Provider Capabilities Form

"Please provide your succinct responses in each of the columns. Feel free to provide additional information on your capabilities as separate attachments."

"PLEASE RETURN YOUR COMPLETED FORM BY **END OF FRIDAY, APRIL 30** via email to the person who sent it to you."

Appendix D

Provider Contact Email Template

Subject:

Request for Additional Information on Digital Health Platform Provider Landscape

Thank you for submitting your company's information to be included in the American Heart Association/U.S. Department of Health and Human Services National Hypertension Control Initiative's Digital Health Platform Provider Landscape.

Before we conclude and provide our analysis to the Federally Qualified Health Centers (FQHCs), the committee has requested a few additional information we hope you're willing to include in your submission. They are as follows and are highlighted in yellow on your attached submission form.

- 1. IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?
- 2. DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION-LICENSED HIGH BLOOD PRESSURE CAREPLAN?
- 3. DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?
- 4. IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINA AMERICAN; NATIVE AMERICAN/ALASKA NATIVE; NATIVE HAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN-OWNED?

This additional information is not required, but it's important to the FQHCs.

The AHA offers licensed digital CarePlans for people to improve and manage their health. If you would like more information on the CarePlans, please let me know.

After providing your responses to the additional questions, please review your submission form for accuracy and completeness before returning it.

Please return your updated submission form by Friday, May 14.

Thank you again for your cooperation.

To your good health,

Appendix E

INITIAL SURVEY QUESTIONS (23)

- 1. BUSINESS NAME
- 2. CONTACT PERSON NAME/EMAIL/PHONE
- 3. BUSINESS MODEL DESCRIPTION OF YOUR PLATFORM/SOLUTION
- 4. PRIOR EXPERIENCE WITH HEALTH RESOURCES AND SERVICES ADMINISTRATION (HRSA)
 OR OTHER GOVERNMENT ORGANIZATIONS
- 5. BP MEASURING DEVICE DESCRIPTION (STANDARD CUFF, XL CUFF, MINI CUFF, WEARABLE, ETC.)
- 6. WHICH OF THE DEVICES LISTED ARE VALIDATED?
- 7. HOW IS THE DATA TRANSMITTED? (CELLULAR, BLUETOOTH, MANUAL)
- 8. DESCRIBE YOUR EHR INTEGRATION CAPABILITIES (INCLUDE WHICH EHRS YOU CONNECT WITH)
- 9. INTERNET/WI-FI CONNECTION REQUIREMENTS
- 10. USER INTERFACE (INTERNET, APP, WEARABLE OR OTHER)
- 11. USER MESSAGING/PROMPTS/ALERTS
- 12. USER DASHBOARD/REPORTING
- 13. USER EDUCATION/DISTANCE LEARNING
- 14. USER COACHING
- 15. SOCIAL/COMMUNITY CONNECTIVITY (SUCH AS AUNT BERTHA/UNITE US/OTHER)
- 16. CAN YOU LINK WITH A NATIONAL HBP REGISTRY?
- 17. IDENTIFIES GAPS IN CARE
- 18. AVAILABLE LANGUAGES
- 19. CULTURALLY ADAPTED VERSUS STRICT TRANSLATION
- 20. USER TRAINING/SUPPORT/MAINTENANCE
- 21. BACK-END OFFICE/ADMINISTRATIVE/REPORTING/TRACK OUTCOMES
- 22. TELEMED CAPABILITY
- 23. ADDITIONAL FEATURES

ADDITIONAL FOLLOW-UP QUESTIONS REQUESTED BY THE ASSOCIATION'S SMBP COMMITTEE (4)

- 1. IF YOUR DEVICE ALLOWS FOR DIFFERENT CUFF SIZES, IS THERE AN ADDITIONAL COST?
- 2. DOES YOUR OFFERING INCLUDE THE AMERICAN HEART ASSOCIATION-LICENSED HIGH BLOOD PRESSURE CAREPLAN?
- 3. DO YOU POSSESS AN OFFICIAL CERTIFICATION OR CERTIFICATE THAT CLASSIFIES YOU AS A DIVERSE BUSINESS?
- 4. IF YOU ANSWERED "NO" TO THE PREVIOUS QUESTION, IS THE OWNERSHIP MORE THAN 51% OR MORE OWNED BY ANY OF THE FOLLOWING: ASIAN AMERICAN; BLACK/AFRICAN AMERICAN; HISPANIC/LATINO AMERICAN; NATIVE AMERICAN/ALASKA NATIVE; NATIVE HAWAIIAN; LGBTQ; OWNER WITH A DISABILITY; VETERAN; WOMAN-OWNED?

Appendix F

US Blood Pressure Validated Device Listing (VDL™)

An American Heart Association and American Medical Association joint statement notes that self-measured blood pressure is an evidence-based approach to measure out-of-office BP to confirm a diagnosis, titrate medications and/or engage in longer-term lifestyle changes and medication adherence. The accuracy and utility of SMBP depend on the use of a device that has been validated for clinical accuracy, such as those submitted and accepted on the US Blood Pressure Validated Device Listing (VDLTM) https://www.validatebp.org/. Food and Drug Administration approval to market a BP device does not imply that it has been validated to deliver clinically accurate and useful BP readings. The AMA recommends that all automated BP devices be submitted to the VDL for validation.

In addition, Centers for Medicaid and Medicare Services requires use of a validated device for reimbursement. But only eight platforms have devices on the VDL. Validation requirements set by other payers may be different.

To establish the VDL™ Criteria, the AMA convened those with relevant technical and clinical practice expertise to aid in determining which automated blood pressure measurement devices in the United States have been validated for clinical accuracy. The VDL Criteria were refined and finalized with input from key stakeholders including clinicians, health care organizations, BP device manufacturers and the FDA.

The VDL Criteria apply to BP devices used in clinical, community or home settings. These BP devices must meet the following criteria to be formally listed on the VDL:

- 1. Active FDA 510(k) pre-market clearance record and documentation
- 2. Automated devices with cuff sizes tested with and available for the intended population
- 3. Documentation of independent validation testing (provided by a qualified third party or peer-reviewed publication) following one of these accepted protocols:
 - A. ISO 81060-2:2018
 - B. ANSI/AAMI/ISO 81060-2: 2013
 - C. ANSI/AAMI/ISO 81060-2: 2009
 - D. ANSI/AAMI SP10: 2002
 - E. BHS Revised Protocol: 1993
- 4. Documentation that a device is an equivalent model variant

The complete VDL Criteria can be viewed here: Download VDL Criteria.

AMA funds an independent third party, the National Opinion Research Center (NORC) at the University of Chicago, to manage the validation process, including an independent review committee of subject matter experts to assess whether the device has met the validation criteria for clinical accuracy. https://www.validatebp.org/manufacturers/. At the time of the survey, 17 devices or device series for home or ambulatory use had been approved for inclusion on the VDL.

Devices must meet all criteria.

Manufactures are encouraged to submit their BP device information to NORC at VDLsubmission@norc.org to receive instructions for submission.

Supplement 1

SMBP Initiative Supplement Community Health Connectivity Platform Vendor Reviews

This SMBP Initiative Supplement provides information on four large community health connectivity platforms that enable bi-directional e-referrals between a network of organizations providing care. The organizations include health care systems, health plans, government agencies, non-government organizations and community-based organizations (CBO) providing social services programs. These social services programs often span the spectrum of the social determinants of health (SDOH), including food insecurity, housing, transportation, legal support, education, employment, social connection, finance and health management. Programs that provide lifestyle change support could be a social service listed on a platform that enables bi-directional e-referrals between the program providers and other care providers in the network.

These are uniquely developed platforms and solutions that can improve community connectivity between health care entities, government agencies, non-government organizations and community-based organizations for social and support services. The platform organizations included in this supplement have established networks in various regions of the country and continue to expand.

Review Criteria

This review focused on four main criteria:

- 1 Accessibility: Does the platform provide open or limited access for users/patients?
- **2** Inclusivity of Listings: Does the platform provide a comprehensive or limited list of social service providers?
- 3 Referral Loop Closure: Is the user/patient able to view actions taken on their referral and are they able to communicate bi-directionally?
- 4 Integration: What is the extent of integration with EHR and/or customer relationship management (CRM) systems?

	Yes		No		
Accessibility	Open access format with full access to all features for all user types, including the patient.		Limited access format with limited access to some features for some user types, including the patient.		
Inclusivity of Listings	Comprehensive list of social service providers included on the platform (includes both engaged and non-engaged social service providers).		Limited list of social services providers included on the platform (includes only those that are engaged with the platform).		
	1-Star Rating 2-Star Ra		Rating	3-Star Rating	
Referral Loop Closure	Users unable to view actions taken on a referral or s end custom bi-directional communications.	Limited ability for authorized users to view actions taken on a referral and send custom bi-directional communications.		All authorized users may view all actions taken on a referral and send custom bi-directional communications.	
Integration	Digital Health Platform Provider Landscape Framework - Rev 6 clean FG0910	Limited integratio EMRs and		Full and seamless integration with EMRs and CRMs via single sign on functionality.	

findhelp (also known as Aunt Bertha)

Accessibility	Inclusivity of Listings	Referral Loop Closure	Integration
Yes	Yes	***	***

Configuration

Findhelp was built in 2010 to offer an easier way to find social services and to connect to them directly and electronically. Their mission is to connect all people in need and the programs that serve them, with dignity and ease. Over the last decade findhelp has built the most comprehensive network of free and reduced-cost community resources. Their network includes federal, state, county, municipal, and local programs, lists at least 1,300 social care programs in every US ZIP, and 543,316 total programs nationally. Findhelp has over 370 customers from all different industries, with a focus in healthcare. They were awarded Best in KLAS for SDOH this year, and they check all the boxes at very affordable rates. They've helped over 8.1 million people find the social care they need.

Findhelp uses an "open network" model, listing every available free or reduced-cost service, while featuring the nearest and most-engaged programs relevant to a search. They do not charge nonprofits to get listed, and do not require them to meet certain criteria to stay listed aside from offering free/reduced-cost care. Findhelp's in-house Data Operations team keeps the network complete (listing every available service) and current (up-to-date). Listed organizations can also update their own information.

Patient Self-Navigation

Findhelp is the only platform that supports anonymous self-navigation through free, public accessibility to their platform. Nobody is required to log in or share personal information to search the network or to request help. This protects the dignity and privacy of those in need and expands access to even the most vulnerable communities. Findhelp's platform is also translatable into over 100 different languages. Through self-navigation and their open network model, findhelp gives people in need the dignity of choice from a complete set of options, and the ability to filter on multiple dimensions for relevant results without prematurely excluding available programs.

Free Access for Nonprofits

Users from community-based organizations (CBOs) providing services can create free accounts. "Claiming" their listing gives CBOs access to a free toolkit to create, track, and manage referrals. The toolkit includes free case management tools, bi-directional communication with referring organizations, and impact reporting. CBOs can also create their own intake screening forms to ensure they're receiving pre-screened candidates and necessary information with each referral made. With platform interoperability, findhelp doesn't even require nonprofits to actually use findhelp to receive referrals and coordinate care, further expanding the list of participating programs. Findhelp's dedicated Community Engagement team also offers free training and enablement to all nonprofits, nationwide, to help them more effectively communicate and coordinate care for people seeking help. This is a shared service, so the findhelp network is already in-place and actively communicating - ready to receive referrals on Day 1.

Tools for Health Centers

Findhelp's interoperability extends to health centers, too. Findhelp can be used as a stand-alone, or integrated directly into EHRs like eCW, athenahealth, Epic, and Cerner. Either option allows health center staff to search and refer on behalf of patients on a staff-only version of the platform. This staff-only site is essentially a medical record for social care, in addition to findhelp's standard search/referral functionality. Integrations leverage Single Sign-On (SSO) and are also able to pass demographic information from an EHR like patient name, MRN, and DOB to minimize data entry and to link back to the EHR.

Team Navigation tools allow functional groups collective visibility into patient populations, while also allowing role-based security around more sensitive referrals like mental health or SUD/OUD. The findhelp platform is secure, HITRUST-certified, and HIPAA compliant. Health centers can build standard (e.g. PRAPARE) or customized assessments directly into findhelp to leverage automated program recommendations for identified needs, or assess in their EHR and use assessment results alongside findhelp's native navigation. Health centers can also curate their staff sites specifically for their staff and patients using favorites folders, customizable search results, and the ability to list and feature internal-only programs available specifically to their patients.

Closed-Loop Referrals

Findhelp provides a full, closed-loop experience between health centers, patients, and CBOs. When a health center makes a referral, the receiving CBO has several options for coding the referral status. These include options like Got Help, Referred Elsewhere, Not Eligible, No Capacity, and No Longer Interested. All items pertaining to a referral — appointment details, screening results, referral status, and more — are available to view in real-time. The status of the referral can be viewed or updated by the referring health center, the receiving CBO, or the patient at any time with a single click. CBOs do not even need to be using

findhelp's toolkit to close the loop - they can do so via email as well. Findhelp also supports bi-directional communication in context of a referral, right within the platform.

Reporting

Findhelp offers reporting out-of-the-box, with 12 reporting suites including over 40 dynamic dashboards. Health centers can use these to monitor patient engagement, staff adoption & utilization, referral volume and closed-loop rate, most-referred programs, geographies of greatest need, and more. Findhelp also licenses access to SQL data, which includes transaction-level data that can then be blended with clinical data to demonstrate (for example) improved outcomes from social care interventions. Findhelp also gives free reporting as an incentive to CBOs, to demonstrate their impact both to health centers referring patients and to potential funders.

Technical Support

Health centers who license with findhelp have access to a dedicated Customer Success Manager, who will handle training & implementation, answer inquiries, resolve issues, drive user adoption, and review progress against target milestones. Findhelp also provides free technical support (training videos, in person, and web-based trainings) for anyone using the platform as well as an online help desk and email support.

Costs

Findhelp is free to patients and CBOs, and offers three paid tiers for other types of organizations – Basic, Professional, and Enterprise. The paid accounts have much higher functionality and are provided at straight forward transparent pricing. Pricing is structured as a monthly fee, and the two highest priced options also require a one-time training & implementation fee. The cost for paid accounts is incredibly reasonable with a price of \$4,167/month (plus \$15K one-time fee) for the highest functionality package (Enterprise).

More at https://company.findhelp.com/.

Healthify

Accessibility	Inclusivity of Listings	Referral Loop Closure	Integration	
No	Yes	***	***	

Configuration

Healthify is a social determinant of health technology company that helps health plans, health systems and CBOs work together to better serve families with SDOH needs. Its solutions include predictive analytics, accountable networks of CBOs and a comprehensive SDOH platform.

Predictive Analytics: Healthify combines client demographic and claims/utilization data with its aggregated consumer database to build digital profiles at the individual, family and neighborhood levels. These data are then run through Healthify's SDOH models to identify SDOH risk and impactable costs.

CBO Networks: Healthify includes three types of networks: a national network of validated social service organizations around the country where users can close the loop via text and interactive email to CBOs; an accountable network where users can coordinate referrals with CBOs in real time as CBOs are tied to service level agreements for engagement and accountability; and a preferred network where Healthify identifies and manages a preferred network of services driven by membership need and SDOH analysis. Preferred networks can align with supplemental benefit structures and support financial incentives to CBOs.

Platform: Healthify's technology platform enables clients (generally some type of Risk Bearing Entity (RBE)) and CBO users to screen for social needs, connect individuals with services, coordinate SDOH care and close the loop on SDOH referrals. A patient/member portal is also available where consumers can self-service search and refer.

Referral Loop Closure

Referrals can be sent from CBO to CBO or from the Healthify client user, member or patient to any listed CBO on the platform. The loop can be closed in a few different ways. For in-network and preferred network CBOs, who are held accountable for closing the loop, all actions and notes regarding the referral are logged and viewable. The system allows for several drop-down options to convey referral status, and custom notes can be added to all actions taken. The platform will automatically update the referral as completed based on the actions of all Healthify client and CBO users. When a CBO refers to another CBO,

both the referring CBO and the original referral source can see all actions and notes. Out-of-network referrals can be closed by a CBO via an email mechanism or the referring user. But the loop is usually closed by asking the patient if they were able to obtain services.

Reporting

In-network and preferred CBOs can extract detailed data detailing incoming/outgoing referral activity and disposition for all referrals into a spreadsheet. They are also sent graphic dashboards with data on issues such as users and incoming/outgoing referral activity. Healthify clients using the platform have access to comprehensive dashboards, reports and extracts on platform use, network performance, screening/search/referral activity and community need insights.

Technical Support

The onboarding process to use the platform for CBOs is free and includes technical assistance, a learning management system, convening sessions and best practice sharing. Extensive onboarding, training and technical assistance is provided to all Healthify clients who pay for access to the platform.

Integration

The Healthify platform supports single sign-on and can be integrated into EMRs, care management systems, HIEs, HMIS and commonly used CBO support systems.

Costs

Heathify charges an annual license fee for the technology platform. The creation and management of an accountable network is priced based on a per member per month fee model. The population health analysis work is a separate one-time fee. Community organizations are not charged.

More at https://www.healthify.us/.

NowPow Recently acquired by Unite Us

Accessibility	Accessibility Inclusivity of Listings		Integration	
Yes	Yes	***	***	

Configuration

NowPow is a woman-owned and led social impact company that makes it easy for care professionals to connect patients to the right community resources so they can stay well, meet basic needs, manage with illness and care for others more effectively. NowPow, whose name is a play on "knowledge is power," is a personalized community referral platform that includes a hyper local community resource directory; social determinants of health (SDOH) and other needs screenings; evidence-based condition algorithms and matching logic; one-way and closed loop referral capabilities; and data and analytics reporting. The platform is grounded in science and supports all needs, patients and workflows.

NowPow owns and operates a digital resource directory, profiling local community resources such as fresh fruits and vegetables, weight management programs, exercise classes, financial assistance, transportation to medical appointments and over 200 other service types. NowPow can completely manage the directory or partner and exchange information with other established directories, such as 211. NowPow's resource matching algorithms curate a highly matched, high-quality list of recommended resources that can be shared with a patient (via text, email or print in over 100 languages). Care professionals also have the option to send the patient's information (with consent) to other health care, human and social service professionals on the NowPow platform.

In addition to providing the leading personalized community referral platform, NowPow offers a community engagement service that manages the identification, recruitment and onboarding efforts of community-based organizations to use the free version of the technology to create meaningful community partnerships aligned with interventions to drive impact and equity.

As the go-to referral platform for clinical research, NowPow is supporting numerous research efforts across multiple geographies and intervention types, including research funded by the American Heart Association, National Institutes of Minority Health/Disparities, National Institutes of Aging, National Heart, Lung, and Blood Institute, Agency for Healthcare Quality Research and National Institutes of Diabetes and Digestive Kidney Disease.

Referral Loop Closure

NowPow's platform goes beyond identifying if a referral's loop was closed. It enables all stakeholders to monitor and track every aspect of the referral — from process tracking to detailed outcomes — to drive and measure engagement, performance and impact. NowPow offers two different types of closed loop referrals. A tracked referral enables a 1:1 relationship between the referral sending and receiving organizations, allowing them to communicate and close the loop. NowPow coordinated referral networks allow for patient information to be viewable by all network partners so that a comprehensive history of services is available for that patient. There are several ways to update the referral (received, application completed, etc.) and customers can customize referral forms and notifications. To further extend care, including during times of crises or in the field, the NowPow platform also gives care teams the ability to quickly connect patients with community resources without using personally identifiable information.

Reporting

The NowPow platform captures outcome data to monitor workflows and measure success, including comprehensive metrics on referrals made, referral service types, referral outcomes, needs identified, user activity and more through a series of standard and custom reports. NowPow can also support ROI evaluations with their team and Raw Data Package, complemented by or a community-wide resource supply and demand scan at both the network and community level.

Technical Support

Customers using NowPow's free and paid tools are provided with comprehensive technical assistance and support throughout the onboarding process and beyond. Organizations on the free technology receive support from a community engagement manager. Paid customers receive support through a customer success account manager to provide 1:1 support throughout the entire partnership, in addition to 24/7 product support, regular webinar-based trainings and referral network monitoring.

Integration

NowPow's tools for care professionals can securely and seamlessly integrate with any EHR, HIE, CRM or case management system. This includes options for single sign-on, as well as bi-directional data sharing for demographic data, screening responses and other activity data — reducing duplication and ensuring up-to-date records. NowPow provides several connection options including HL7 file, FHIR and web service APIs such as Epic's App Orchard.

While NowPow offers an array of tools for care professionals, the technology can also be used in a patient-facing capacity so people can self-serve to find the resources they need and share referrals with others. Via NowPow's APIs, organizations can host resource information on public-facing websites, patient portals and other applications.

Costs

Community-based organizations can access NowPow's free tool, CommRx, for up to 20 users. Organizations such as FQHCs, health systems, provider groups, public health departments and others are well suited for NowPow's paid tools. One-time fees include implementation, integration(s), raw data feed build and screening functionality build. Annual subscription fees are based on the quantity and type of license, as well as ongoing maintenance fees for integrations, resource directory and referral network as applicable.

More at https://nowpow.com/.

Unite Us

Accessibility Inclusivity of Listings		Referral Loop Closure	Integration
Yes	Yes	***	***

Configuration

Since 2013, Unite Us has been the national leader in deploying community-wide coordinated care networks to connect health and social care providers in a common ecosystem. They have identified and addressed unmet social needs by deploying a community engagement process in more than 42 states that are diverse in demographics and geography — rural, urban and frontier. Their coordinated care networks demonstrate that a robust, collaborative and holistic community-wide approach to identifying and addressing unmet social needs not only improves individual health and quality of life, but also improves community health, reduces health care costs and promotes health equity. They have partnered with some of the leading state governments, health care systems, payers and nonprofits in the country.

They have established standards of care for providers across a broad continuum, enabling information standardization and accountability for actual service provision (rather than mere referral facilitation). To maintain and improve quality of care, all partners in a network agree to adhere to established network standards. The result: no dropped referrals and a detailed longitudinal record of care provided to every person in the network. This means providers can better support clients in their communities over time, reviewing service history, obtaining feedback and establishing trust-based relationships grounded in a long-term commitment to improving health and social outcomes. Unite Us is the only SDOH vendor to scale this model and the only one to support visibility across an accountable network of care.

The Unite Us platform features the ability to identify and predict social care needs in communities, manage enrollment of individuals in services and leverage meaningful outcome data and analytics to further drive community investment. Their team leverages a community engagement process that curates an accountable network of engaged community partners to deliver local and accessible care. This infrastructure provides their partners with real-time, actionable metrics on individuals, outcomes and provider performance, enabling their clients to proactively address the complex needs of their most vulnerable populations and prove impact.

Referral Loop Closure

Closing the loop is their fundamental functionality and differentiation. Their solution goes far beyond resource searches and electronic referrals by confirming the specific outcome of every service episode, using a list of more than 700 structured outcomes. More traditional SDOH technologies only allow organizations to send one-off referrals that dead-end with the receiving agency without an outcome ensured. Unite Us' end-to-end solution manages a person's multiple social needs concurrently, through an interconnected multi-dimensional network, while tracking outcomes and maintaining accountability throughout a person's complete care journey. Other technologies use a hub-and-spoke model that can only address one social need at a time, with no visibility or responsibility between partner organizations to ensure all needs are met. Because their community engagement team builds use of the platform into the workflows of CBOs, public agencies and clinical providers, Unite Us enables visibility into actual care delivery. The result is a completely closed-loop ecosystem. An organization that sends a referral is capable of viewing outcomes and notes from the direct receiving organization and can also track aspects of that patient's care journey across other organizations that provided services to the patient. As a result, a holistic team of human, social and clinical services providers can coordinate and communicate with one another in real time, using a common, universal record of care. They enable closed-loop referrals through a unique combination of technologies and privacy policies:

- The platform is a multi-tenant, single instance, software as a service (SAAS) platform. This means there
 is only one instance of the solution, hosted in the cloud, rather than individually installed versions of
 the software at client sites. All users, regardless of their organization or location, can collaborate on a
 person's care without concerns about data currency or software version.
- The Master Person Index technology solution ensures only one record for an individual, regardless of
 where they seek service, enabling the platform to avoid duplicate records. Sending and receiving
 organizations can have confidence that they are seeing a complete, longitudinal record for the person
 being served.
- The robust informed consent requires any person seeking services to sign an informed consent prior to the first referral being made on their behalf. The consent form links to a publicly available privacy policy and outlines how their information may be shared to connect them with the services they need.

Privacy and Security

Privacy and security are emphasized in every aspect across their organization. Unite Us is HITRUST, NIST and SOC 2 Type II certified and follows the highest security frameworks in the industry. Unite Us is also fully HIPAA compliant and aligns with the strictest federal privacy regulations, including 42 CFR Part 2 and FERPA. Access to the Unite Us Platform is role and permission based. This structure is the backbone of their HIPAA-compliant and HITRUST-certified architecture. Users can only view information about clients

to whom they are providing services, aligning with the NIST standard of least privilege. Unite Us conducts continuous vulnerability monitoring of its platform with proactive alerts if anomalies are identified and engages third-party auditors to conduct targeted penetration testing and security risk assessments.

Data and Analytics

The Unite Us Insights Center is their data platform that provides access to robust, real-time social care analytics to equip cross-sector network partners to match, prove and improve performance standards. The Insights Center is your one-stop-shop to understanding the power and activity of coordinated care networks to optimize service delivery for better health outcomes. In the Unite Us Insights Center, providers can:

- Identify areas of need in their community to strategize a scalable path towards action and proactively inform individual care management to drive positive outcomes, using their Identify data solution.
- Understand performance, efficiency and efficacy of their network and the services delivered across their community, patients, clients, using their Activity data solution.
- Track the impact of their investments in the community at the client and services level, using their Invest data solution.
- · Access detailed client-level data to enrich data needs through their Data Delivery solution.

Training and Technical Support

The User Education Team offers dedicated end-user training during implementation and regularly occurring training post-launch. Upon go-live, the Unite Us User Education Team will provide an in-person or live webinar software training to users, depending on preference. In addition to live training, Unite Us provides online E-Learning modules, New User Training Guides and a library of articles in the in-app Help Center. The community engagement manager will consult one on one with network organizations and for users who need support integrating the system into their existing workflows. The Technical Support Team is available via phone, email and real-time live chat within the software to any license holder for general software questions as well as problem resolution.

Interoperability

Unite Us interoperability is a suite of interfaces and integration tools that connects health and social care systems or applications and empowers communities with seamless connectivity. Unite Us is a member of the Gravity Project, an HL7 FHIR® accelerator, a member of the HIMSS SDOH Task Force and a technology

partner to communities in over 42 states. They support standards-based single sign-on into the Unite Us platform. They also support resource directory exchange. Unite Us is working with several major vendors in the EMR and social care industries on more integrated bi-directional referrals. The bi-directional referrals work is based on the HL7 FHIR SDOH Clinical Care Implementation Guide being designed in collaboration with the Gravity Project. Bi-directional referrals are still new between the health and social care industries. But Unite Us is committed to providing open APIs based on standards such as HL7 FHIR. Unite Us is a strong supporter of standards-based, person-centric interoperability. They invite industry stakeholders — vendors, community-based organizations, health care organizations, payers, HIEs, governments and more — to join in promoting of guiding principles, trusted networks and data standards to better facilitate care across the health and social care continuum. They closely partner with community-based organizations, social service agencies, health providers, health plans, state governments, philanthropic entities and HIEs to create networks that enable secure electronic referrals, social care analytics and payments.

Costs

Unite Us offers their solution at no cost for CBOs, primarily providing social services and Federally Qualified Health Centers. For other organizations, such as health systems, health plans and government entities, they pay to gain access to the platform and the associated coordinated network and insights.

Other Considerations

In addition to facilitating social care referrals, the Unite Us Payments solution enables social care funding at scale through funds distribution, invoice management and reimbursement for social services. This technology is coupled with on-the-ground services, which provide the robust support required to build and manage the performance of a quality and accountable network of health and social service providers. Unite Us Payments is natively integrated with their core referral functionality to enable payers to fund social care services at scale. This flexible, cross-sector system enables all referral, service and payment activities to happen seamlessly in one system. This allows payers to use eligibility, authorization and referrals services to send referrals for eligible members and allows social care providers to document services provided, attachments of receipts and other relevant information necessary to be paid for services rendered. This generates detailed data and reporting that can be used to examine the return on investment from social care. Payers and funders of health use Unite Us Payments to work directly with organizations in the community to build a long-term pathway to value-based social care.

More at https://uniteus.com/.

Summary Review

	Accessibility	Inclusivity of Listings	Referral Loop Closure	Integration
Aunt Bertha	Yes	Yes	***	***
Healthify	No	Yes	***	***
NowPow	Yes	Yes	***	***
Unite Us	No	Yes	***	***

SOURCE NOTE: THE ORIGINAL REVIEW OF THESE PLATFORMS WAS DEVELOPED BY THE USC GEHR FAMILY CENTER FOR HEALTH SYSTEMS SCIENCE AND INNOVATION AND WAS SUPPORTED BY A PARTNERSHIP WITH THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH AND WITH FUNDING FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION [NU58DP006619]. THE INFORMATION WAS UPDATED IN JULY 2021 BY THE AMERICAN HEART ASSOCIATION AND CONFIRMED BY THE PLATFORM PROVIDERS FOR USE IN THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES (DHHS) NATIONAL HYPERTENSION CONTROL INITIATIVE (NHCI).

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Disclosures and Disclaimers

This landscape analysis is not intended to be an exhaustive, all-inclusive list of digital health platform providers. No platform providers were intentionally omitted from this landscape analysis. We welcome companies and platform providers not included in this analysis to submit their capabilities for future updates to the landscape.

For additional information about the SMBP Initiative or the landscape analysis, please email the NHCI Team at nhci@heart.org.

Platform providers were not compensated for participating in the landscape analysis.

Information presented in this analysis was accurate at the time of initial publication. But the digital health landscape is changing rapidly. Individual elements may not be accurate later. Please exercise due diligence in confirming all data in this landscape that's used to select a provider platform(s). The American Heart Association, the Center for Health Technology & Innovation and the authors are not responsible for any additions, deletions or other changes to the information provided by the 20 respondent platforms at the time this landscape survey was conducted.