

# eHealth HUB Smart Guides

FIND YOUR WAY THROUGH THE EHEALTH MARKET

## Solution Match Report

“Health and Wellbeing Solutions  
Early stage startups”



The eHealth Hub project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No727683



Solution Match

START FROM YOUR NEED, ASK EUROPEAN SMEs FOR A SOLUTION



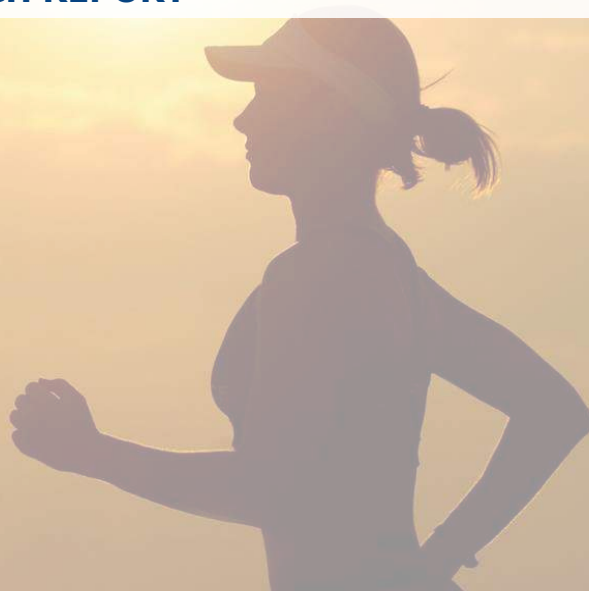


Solution Match

*START FROM YOUR NEED, ASK EUROPEAN SMEs FOR A SOLUTION*

# “Health and Wellbeing Solutions”

## SOLUTION MATCH REPORT



The eHealth Hub project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No727683



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# 1 About us

## We are here to support European eHealth businesses

[eHealth HUB](#) - European eHealth business support is the new EU-funded initiative, cross-border and focused on the digital health vertical. eHealth HUB's goal is to provide high-quality business-oriented services tailored to the needs of European eHealth startups, SMEs and stakeholders. We use a demand-driven approach to promote new business and collaboration opportunities for SMEs and key ecosystem stakeholders including healthcare provider organizations, investors, insurers, pharma and MedTech.




[info@ehealth-hub.eu](mailto:info@ehealth-hub.eu)

[www.ehealth-hub.eu](http://www.ehealth-hub.eu)

## From Business Modelling to Regulatory advice: exploit our services


eHealth HUB offers FREE services to support European eHealth SMEs, healthcare providers and ecosystem stakeholders on the following key areas:

### Business modelling



**Business model clinic**  
*One-on-one Support*

The Business Model Clinic supports the best promising entrepreneurs and startups offering personalized coaching on business proposition, customers and go-to-market strategies.



**Lean Startup Academy**  
*Learn to be Lean*

The Lean Startup Academy provides eHealth SMEs with the opportunity to mature their business by systematically testing their ideas against the market.

### Commercialization



**Solution Match**  
*Start form your need, ask European SMEs for a Solution*


Solution Match supports healthcare providers, insurers, pharma or medtech companies looking for a concrete digital health solution to be implemented in their organization.



**eHealth Roadshow**  
*Pitch your solution, Jump into European market*


eHealth Roadshow offers an opportunity for selected eHealth SMEs to expose their digital health solutions in front of a Committee of key stakeholders in the eHealth European market.

### Access to private finance



**Investment readiness training & pitch**  
*Make eHealth SMEs ready to make their business*

eHealth Hub Investment Readiness prepares European early-stage startups and SMEs to approach and collaborate with investors.



**eHealth Hub Platform**  
*The place to be for eHealth SMEs and Investors*


The eHealth Hub Platform features SMEs, investors, healthcare organizations, legal and regulatory service providers. By registering, health stakeholders can get easily in touch with each other.

### Legal issues & Regulatory and reimbursement guidance



**Legal Support**  
*A compass to navigate legal services through Europe*

eHealth Hub Legal Network offers good quality, affordable legal advice for eHealth SMEs as well as free workshops detailing current legal issues of eHealth SMEs interest.



**Regulatory Guidance**  
*Regulatory and Reimbursement Guidance for eHealth SMEs*

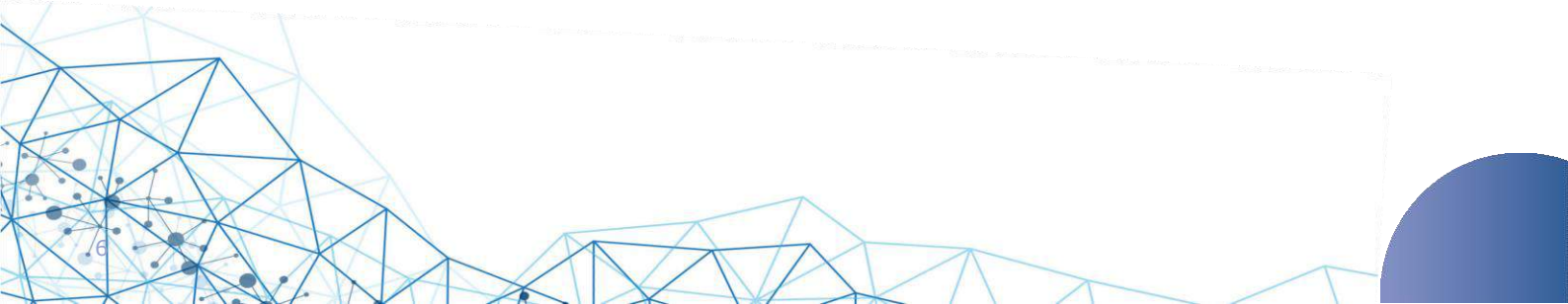
eHealth Hub Regulatory Network helps European eHealth SMEs to be compliant with regulatory requirements and develop reimbursement strategies across the European Union.

## Let's find the best way to work together



**Sylvie Donnasson,**  
eHealth Hub partner  
and eHealth Hub team

*“Most healthcare providers are looking to implement digital health solutions. However, the market is constantly evolving and finding the perfect match to a concrete and very specific need is challenging. Solution Match is the eHealth Hub personalized service for health care providers interested and ready to implement a digital health solution, linking the economy to innovation. More generally, our role is to best serve entrepreneurs on their business journey by creating a value chain and proposing a combination of services. Your business is in digital health? Contact us, we will find the best way to work together”.*



## Solution Match

One of the services offered by eHealth Hub is called Solution Match. It specifically focuses on:

a

Engaging healthcare providers, insurers, pharma and MedTech companies looking for a concrete ehealth solution and ready to implement it.

eHealth Hub helps them clarify their requirements, research the offering and connect with the most relevant SME solutions on the market.

b

Accelerating commercialization by outsourcing for free the filtering for fit of relevant digital health solutions in a rapidly moving ecosystem.

# 2

## Why this report?

eHealth Hub organized a Solution Match service for AXA Health Tech and You which programme is looking to reward stand-alone solutions helping citizens take charge of their health and wellbeing, as well as smart applications that enrich the relationship between people and their careers (whether they are health professionals, community or family members). We did a public call for applications for the "Innovation category", which focuses on early stage businesses and received 141 answers. The following report displays the results of that call for applications, presenting in a synthetic way all the companies that applied and their main features.

### Who is that report for?

▶ SME's looking at promoting one or more health and wellbeing solution(s)

▶ Companies specifically interested in health and wellbeing solution(s)





3

Companies



# ACUBOTS

**FOUNDED** 2018  
**COUNTRY** China  
**CONTACT** Tiancheng Xu

[xtc24203@gmail.com](mailto:xtc24203@gmail.com)

## Solution Description

Based on traditional meridian, introducing chaos theory and fractal geometry, generating digital meridian as the theoretical basis of robot automatic point positioning; Research into quantitative relationship between the needle speed and patients' pain, develop features of fast and painless needle inserting in acupuncture robots; Build acupoint-symptom complex networks, provides mathematical model for TCM AI simulation, endow robots dual roles of scientific research and clinic; promote the establishment of quantitative research and international standards of accurate acupuncture, inherit traditional Chinese medicine based on science and technology. We creatively developed automatic acupoint positioning and painless needle inserting technology and conduct replication experiments on human subjects with many general robot arm and has been successful, indicating that the existing hardware technology is mature. With the aid of industrial robot and team self-developed control technology and software platform, the self-help treatment as the core of acupuncture robot has achieved high business feasibility. Acubots has got: Nasser Bin Hamad International Youth Creativity Award Second Prize of "ROBO" World University Medical Robotics Contest Top 36 of the 9th Lee Kuan Yew Global Business Plan Competition.



## VIDEO



[www.adapa360.com](http://www.adapa360.com)

**CONTACT** Ali Zareiee

[a.z@adapa360.com](mailto:a.z@adapa360.com)

**VIDEO**

## Solution Description

This is the worlds first smart space suit incorporating EEG, bodytracking sensors, AR and VR capabilities, 360 imaging, hyperrealistic 3D reconstruction of the environment.

# Air Matters

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Karen Henry

[karen.henry@it-data.co.uk](mailto:karen.henry@it-data.co.uk)

**VIDEO**

## Solution Description

The Air Matters device measures PM2.5 air pollution, which is the most serious for human health as well as Temperature and Humidity. There are 2 versions of my device – one uses Wi-Fi and the other uses cellular technology to transmit the readings into storage in the Cloud. The cellular device works immediately almost anywhere in the world. The Smart Solution

1. The Air Matters Smart device can be connected to any air purifier (using a Smart plug). Once this is registered on the users Air Matters mobile app the Smart device will automatically switch the air purifier on when PM2.5 levels surpass a limit. Once the Smart device measures that the PM2.5 levels have been reduced to below the limit, the device will then automatically switch the air purifier off.
2. The Air Matters mobile app displays the latest PM2.5, Temperature and Humidity readings measured. It will also display the PM2.5 values measured throughout the day.
3. I plan to add a further screen to the app where users can add details of their breathing and any difficulties they experience. I plan to combine this information with their pollution readings to provide a predictor or advisory/helpful service to the user.



[www.alextherapeutics.com](http://www.alextherapeutics.com)

**FOUNDED** 2014  
**COUNTRY** USA  
**CONTACT** John Drakenberg  
Renander

[john@hialex.se](mailto:john@hialex.se)

**VIDEO**

## Solution Description

Alex is an AI-companion that uses CBT to empower people in breaking and taking control over their addictions and illnesses, starting with smoking cessation. At Alex we combine psychology, technology and design to empower people to live longer and more fulfilled lives. What makes us unique is: 1. The relationship we build with the user through our interactive interface. 2. Our focus on data, and using AI to personalise our programs and generating key insights to our partners and to improve our service. 3. We can use the same technology and interface to scale into other areas. Achievements to date: \*Released our first fully functioning product only 6 months after starting the company. \*Secured a pilot with one of the largest pharma companies in the world. \*Over 3000 users in Sweden with 50% organic growth. \*Two closed financing rounds from the same investor over less than 1 year. \*48% Success rate after program completion (compared to 3% without any support, 7% with nicotine replacement therapy, 30% Zyban + Counseling, 44% Champix + Counseling). \*Advanced and actionable data insights: After two minutes of onboarding our algorithm can with 90% precision predict if the patient will be able to reduce his/her smoking or.



[www.arbrlife.com](http://www.arbrlife.com)

**FOUNDED** 2018

**COUNTRY** Canada

**CONTACT** Kit Poon

[kit.p@mintdrugs.com](mailto:kit.p@mintdrugs.com)

**VIDEO**

## Solution Description

ARBR is a web-based software platform designed to guide clinicians on selecting the best medical cannabis strains for their patients, all based on the latest clinical evidence. The algorithm outputs the best strain and dose based on the patient's demographics, medical conditions, preferences and budget. It also takes feedback from the patients' experience from the initial recommendation and further makes recommendations on strain and dosing, essentially providing individualized cannabis treatment to patients. The software complies with all privacy impact assessments in Canada and is HIPAA compliant.



## Solution Description

[www.activ8lives.com](http://www.activ8lives.com)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Kevin Auton

[kevin.auton@aseptika.com](mailto:kevin.auton@aseptika.com)

### [VIDEO](#)

Asthma+me is a comprehensive CE-marked Class 1 Medical Device that is a technology-enabled self-care solution that supports children with asthma to bridge the transition from hospital outpatients back to primary care. It is specifically designed to meet the needs of children aged 5-12yrs and has two versions within the same App; a child-friendly view and a parent/carer view making it different from the many adult asthma management Apps available.

The **Asthma+me** solution has been co-designed with a leading NHS Children's Hospital, to support parents/carers of these children. This includes a combination of: education sessions, inhaler-use tracking devices, lung-function monitor, in-built symptom checkers, education syllabus to learn as a family, electronic care plan and the ability to push data to their clinicians to become part of their electronic patient records.

Asthma+me supports a smart pressurised metered-dose inhaler tracker – PUFFClicker™ (pMDI) developed in-house that connects wirelessly to the Asthma+me App counting inhaler doses, providing reminders to take the next dose. Patient-generated data is used to incentivise adherence through a novel motivating rewards system. Asthma+me also connects a Bluetooth Peak Flow/FEV1 monitor.



## Solution Description

[www.avatr.ai](http://www.avatr.ai)

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** Aymeric Teulon

[aymeric.teulon@inavya.com](mailto:aymeric.teulon@inavya.com)

AVATR enables citizens and patients to harness their own data to create a digital profile of their self, which they can share with their doctor to receive highly personalised medical care when outside of hospital. AVATR integrates medical grade devices (such as wearable heart and blood glucose sensors) with environmental, social and behavioural data to enable a person to create and manage their digital self - their 'AVATR'. With this insight, AVATR delivers a novel approach to augmented intelligence to support end-users. Our technological approach is based on classical AI and Machine Learning, which leverages a blend of medical science and Sanskrit philosophical principles. Our UX designers, who work extensively in the London-based film industry (e.g. Brooklyn, Grand Budapest Hotel), have engaged directly with doctors and patients to design AVATR's highly creative and compelling user experiences. AVATR helps citizens to live well, and on their terms, by receiving highly personalised and contextualised services when in a city. For healthcare providers, AVATR is designed to improve clinical outcomes and reduce costs. We are currently running health and smart cities demonstrators of our MVP in Singapore and Sao Paulo, with UK deployment based in GP practices and community pharmacies starting in 2019.

**VIDEO**





## Solution Description

[www.articulatelabs.com](http://www.articulatelabs.com)

**FOUNDED** 2012  
**COUNTRY** USA  
**CONTACT** Josh Rabinowitz

[josh@articulatelabs.com](mailto:josh@articulatelabs.com)

**VIDEO**

Our platform turns everyday activity into on-the-go physical rehabilitation assistance by delivering neuromuscular electrical stimulation (NMES) in sync with movement and muscle activation to make rehab more mobile, convenient, and effective. This platform's first application, KneeStim, focuses on quadriceps (thigh) strengthening for 14M with chronic knee conditions and 700,000 having knees replaced annually. For this population: 1) quadriceps function correlates with knee function, 2) NMES improves quadriceps function, and 3) NMES plus voluntary muscle contraction improves strength more than NMES applied passively. KneeStim customizes stimulation timing and location to each user for mobile, unsupervised, personalized rehabilitation. KneeStim's motion-tracking hardware and machine learning builds an active model of a user's knee to anticipate when stimulation should be applied, which muscles should be contracted, and in what proportion. Current NMES devices are limited by pre-programmed stimulation sequences that cannot match unplanned movement, restricting NMES usage to in-clinic sessions. Additionally, current NMES devices don't help the ~70% who fail to make it to all prescribed sessions or who aren't compliant with home training regimens. We believe this device/platform will greatly expand physical medicine access outside of the clinic and help automate elements of physical medicine to improve efficiency in clinic.



<https://babyindex.eu>

**FOUNDED** 2016

**COUNTRY** Austria

**CONTACT** Zajzon Bodó

[zajzon.bodo@sinfonic.hu](mailto:zajzon.bodo@sinfonic.hu)

## Solution Description

Saliva test can tell with medium accuracy, on which days a woman can get pregnant: <https://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/InVitroDiagnostics/HomeUseTests/ucm126061.htm> However, ovulation microscope users often cannot distinguish crystals from other artefacts in saliva samples. Babyindex significantly improves the accuracy of the saliva test with computer vision. For achieving this, we collected a database of images of samples from volunteers and developed a web-app for online fertility monitoring

**VIDEO**



[www.botaki.fr](http://www.botaki.fr)

**FOUNDED** 2017

**COUNTRY** France

**CONTACT** Cosette Vivier

[cosette@botaki.fr](mailto:cosette@botaki.fr)

## Solution Description

Nowadays, in France: - 87% of children aged from 8 to 12 can't recognize a beet, - 72% of them don't know the composition of pastas - 1 over 4 children, doesn't know that fries come from potatoes Source: ASEF 2013 These figures reflect a real fact: children are less and less connected to nature and have an industrial vision Nowadays, in France: - 87% of children aged from 8 to 12 can't recognize a beet, - 72% of them don't know the composition of pastas - 1 over 4 children, doesn't know that fries come from potatoes Source: ASEF 2013 These figures reflect a real fact: children are less and less connected to nature and have an industrial vision of their diet. That's why we created Botaki, the augmented gardening experience that connects children to nature ! How does it work ? Thanks to a Magic Totem positioned close to the plant, the child can communicate with the animated and evolving avatar of his little green shoot. This avatar is a Botaki, a magical creature which embodies the spirit of the plant and reacts according to the care that the child brings to his plant, in real life. The Totem, is actually a connected sensor for plant, that transmits the humidity rate, the sunshine rate and the temperature to the application. Besides the activities brought by the book and the application, we are differentiating ourselves with an augmented experience wich transforms the gardening activity into a real moment of discovery and play!

### [VIDEO](#)



## Solution Description

The human brain is made up of billions of neurons. Their chemical interactions generate electrical impulses that can be measured. Brain-computer interface (BCI) technology interprets the electric signals corresponding to specific brain activities allowing to control the computer or other devices.

Thanks to BrainControl, a platform based on Artificial Intelligence for human-machine interaction through biofeedbacks, we filled a technological void for patients who are cognitively aware, but completely unable to move or communicate, a state called "locked-in", and meet many of the unmet needs for patients in less advanced states. BrainControl AAC, is the first augmented alternative communicator based on BCI, certified as medical device. Future versions will include advanced functionalities of communication, entertainment, home automation and robotic. Working prototypes of home automation functionalities, wheelchair control and of a humanoid robot control with multiple modes of interaction have already been developed.

[www.braincontrol.com](http://www.braincontrol.com)

**FOUNDED** 2012

**COUNTRY** Italy

**CONTACT** Pasquale Fedele

[p.fedele@liquidweb.it](mailto:p.fedele@liquidweb.it)

**VIDEO**



## Solution Description

We want to revolutionise the neurotech industry by taking non-invasive brain recording and stimulation technologies to the next level in development. The traditional approach of applying a "one-fits-all" direct current across the scalp had some amazing uses published in the scientific literature. These range from increasing motor performance, creativity and math skills to treating depression or reducing cognitive decline in Alzheimer's disease. But just like for most treatments different people respond in a different way and BrainPatch is developing AI algorithms that personalise the stimulation protocols for each individual for each application in a form-factor that is user-friendly (e.g. looking like any headgear you would already wear) and can be adopted by everyone across the globe.

[www.brainpatch.ai](http://www.brainpatch.ai)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Nikolai Vysokov

[nickolai@brainpatch.ai](mailto:nickolai@brainpatch.ai)

**VIDEO**



<https://cara.care>

**FOUNDED** 2016  
**COUNTRY** Germany  
**CONTACT** Jesaja Brinkmann

[jesaja@gohidoc.com](mailto:jesaja@gohidoc.com)

**VIDEO**

## Solution Description

Cara Care offers a mobile app for people suffering from chronic digestive diseases such as Irritable Bowel Syndrome, Crohn's disease, Ulcerative colitis and food intolerances and Gastroesophageal Reflux Disease. Available in German and English, users can find symptom triggers by tracking food, medication, mood, stress, workouts, sleep, and other factors. The results can be discussed within a remote medical nutrition coaching program with certified nutritionists via chat. Cara Care has already helped more than 500,000 people manage digestive disease symptoms and increase quality of life.



[www.cardiomo.com](http://www.cardiomo.com)

**FOUNDED** 2016  
**COUNTRY** Ukraine  
**CONTACT** Ksenia Belkina

[k.belkina@cardiomo.com](mailto:k.belkina@cardiomo.com)

**VIDEO**

## Solution Description

Cardiomo is wearable cardiac monitor with AI engine to deliver real-time, actionable insights to enable early warning for heart diseases. Cardiomo enables patient remote monitoring to reduce hospital admission and provides continuous cardiac monitoring for more frequent cardiac examinations as preventive care. This is a unique ecosystem, in the center of which is wearable patch which non-stop measures body's main vitals, such as blood pressure, heart rate, activity of lungs, skin temperature and, what is the most important, in real time monitors ECG. Cardiomo is created for continuous health monitoring which helps in early diagnostics of serious conditions. This can save lives of up to 15 million people annually. Cardiomo's approach is unique as it focuses on the continuous and real time remote analysis of the data flow from biosensors. Cardiomo also has the cloud service with AI, which scans the data for abnormalities and sends alerts/notifications to designated contacts.



[www.care-os.com](http://www.care-os.com)

**FOUNDED** 2017  
**COUNTRY** France  
**CONTACT** Chloé Szulzinger

[cszulzinger@care-os.com](mailto:cszulzinger@care-os.com)

**VIDEO**

## Solution Description

CareOS, the digital center of self care, is a privacy-first, intuitive and open platform for personal care that works naturally into an individual's hygiene, beauty, wellness rituals. By simply looking at and gesturing to the bathroom mirror, you gain access to all of the information you need to evaluate and improve your routines, experiment with your appearance and learn about your health. CareOS is the new front line of preventative care, offering personalized information and suggestions for a happier and healthier life. CareOS is a helpful and engaging wellness platform that combines the privacy, user experience and functionality needed to create a satisfying digital experience in the bathroom, salon, spa and other places we engage in self care.





# Careviz

[www.careviz.life](http://www.careviz.life)

**FOUNDED** 2017

**COUNTRY** United Kingdom

**CONTACT** Mikael Metthey

[mmetthey@gmail.com](mailto:mmetthey@gmail.com)

**VIDEO**

## Solution Description

Careviz puts the emphasis on bringing the best possible user experience for patients and their loved ones. With our user-centric approach, we make it especially easy for users to engage with each other by offering extended communication features. This enables additional emotional support from family and friends and the rest of the community. Our set of tools and services are more diverse than our competitors ("CancerAid" or "Live Better With") which allows us to better respond to our users' needs. We are also bringing a new approach with our chatbot assistant. Our health surveys are designed to be more engaging and easier to use. We aim to create new interaction methods to reduce fatigue for patients, engage them with the community and improve their autonomy. Patients use our tools to feel more in control by monitoring their symptoms and purchasing wellbeing products.



## Solution Description

[www.deontics.com](http://www.deontics.com)

**FOUNDED** 2014  
**COUNTRY** United Kingdom  
**CONTACT** Andy Bogue

[andy.bogue@deontics.com](mailto:andy.bogue@deontics.com)

**VIDEO**

Deontics ([www.deontics.com](http://www.deontics.com)) provides clinically-led artificial intelligence that dynamically delivers individualised, evidence based clinical decision recommendations and executable pathway solutions at the point of care to improve healthcare outcomes and patient safety. Our solution enables quick capture of knowledge such as guidelines, local protocols, quality measures, RCTs in an executable manner, along with analytical data, and patient preferences, and integrates these with individual patient data from an integrated care record to provide best quality treatment options according to a patient's specific needs. Changes in a patient's condition are reflected in real time, with alerts to conflicts between alternative treatment options, complete with predicted outcomes, % risk of mortality, recurrence, etc, enabling healthcare professionals and patients to make more informed decisions about treatments available. Pros and cons of each treatment option are provided along with direct access to the text in a guideline or protocol providing such evidence. Multiple knowledge sources including local guidelines can be compared simultaneously, and with 24/7 audit monitoring of decisions, a complete audit is available at all times. In short, Deontics standardises pathways, reduces clinical variance by improving compliance to evidence-based guidelines and also monitors compliance to ensure the best quality care is provided at all times.



<https://childgrowthmonitor.org/>

**COUNTRY** Germany

**CONTACT** Markus Pohl

[innovation.pohl@welthungerhilfe.de](mailto:innovation.pohl@welthungerhilfe.de)

## Solution Description

The Child Growth Monitor (CGM) is a game-changing mobile app to detect malnutrition amongst children below 5 years of age. The app uses AR and AI to measure and calculate height, weight and middle upper arm circumference (MUAC) - the most important indicators for malnutrition. The Problem: To fight malnutrition, the most important step is to detect it. Measuring children is a complex, slow and expensive task - leading to poor data and wrong assessment of the situation. It requires costly hardware (scales and measuring boards cost \$500/set), expert knowledge and time. Nearly all parents are unable to assess properly the nutrition status of their children. The solution: Child Growth Monitor CGM simply uses a mobile phone to record images (a 3D model) of the children's body plus AI to calculate height, weight and MUAC. This equips anyone with a smartphone to determine in real-time the grade of malnutrition of a child. CGM works cheaper, quicker with better quality and delivers results in real-time - giving parents and healthcare workers a tool to monitor a child's growth over time. A solution like CGM does not exist yet. Using image-based AI for human body measurement (anthropometry) is pioneer work.

### [VIDEO](#)



[www.chronomics.com](http://www.chronomics.com)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Toby Call

[toby@chronomics.com](mailto:toby@chronomics.com)

**[VIDEO](#)**

## Solution Description

We have built the first repeatable DNA testing platform. Epigenetics transforms DNA testing in time and space, turning it into a repeatable and actionable barometer of our health today, and into the future. Epigenetics also extends the horizons of measuring change beyond the confines of our internal health, allowing quantification of the impact of external lifestyle, environmental, and behavioural factors. Epigenetics even opens a tantalising window into mental wellbeing, including the effects of chronic stress and other disorders. Our vision is a world where individuals have right choices laid out in front of them to reach healthy longevity thanks to a far deeper level of understanding of our health data than we have today. Epigenetics is the richest source of untapped health insights, it will form the basis for consolidating our lives around fully understanding our bodies as they progress through life.



<https://tivichealth.com>

**FOUNDED** 2016  
**COUNTRY** USA  
**CONTACT** Jennifer Ernst

[jennifer.ernst@tivichealth.com](mailto:jennifer.ernst@tivichealth.com)

**VIDEO**



## Solution Description

Tivic Health Systems, a Bioelectronic medical device company, is dedicated to addressing chronic diseases and conditions with self-care, drug-free solutions. First-of-its-kind, the ClearUP™ Sinus Pain Relief device is a new way to manage sinus pain and it's not a pill, spray or nasal wash. It's the first bioelectronic device that uses gentle microcurrent waveforms to help 27 million Americans with chronic sinusitis and 17 million with allergic rhinitis (hay fever). ClearUP is a small handheld device used exclusively on the outside of the sinus passages along the cheek, nose and brow bone that locates areas of skin where the tiny electrical waveforms pass easily. Clinically proven at Stanford University, 74% of those who used it for a single 5-minute treatment experienced sinus pain relief. (FDA cleared) It's a compelling choice for sinus pain because it's non-medicinal, small and portable, doesn't need a prescription, has no side effects and can be used anywhere, anytime.



## Solution Description

Davva is a healthcare app which helps you connect to pharmacies, doctors, diagnostic and therapy centers along with digitally storing your medical reports and allowing you to set medicine reminders. The app also allows one to synchronize and share their vitals measured through smart health monitoring devices and wearables too. There are a few healthcare apps in various regions catering to medicine deliveries, collecting diagnostic test samples from home, telehealth activation between patients and doctors or even acting as a digital cloud for healthcare reports. On the other hand, there are various individual applications distributed by hospitals, clinics, pharmacies, insurance companies, etc. to their patients which include some of these features. However, the main issue is that as a patient all these solutions are very fragmented and not in sync with each other, unless healthcare is centralized by the government. Our solution brings all these features together and aims to put patients at the center of healthcare technology. This would empower them to place online requests with healthcare providers, have their insurance procedures completed prior to their appointment and share reports of themselves or their family members with other doctors for another opinion, all through a single platform.

[www.davva.com](http://www.davva.com)

**FOUNDED** 2015

**COUNTRY** UAE

**CONTACT** Jai Tolani

[jai.tolani@davva.com](mailto:jai.tolani@davva.com)

**VIDEO**



## Solution Description

[www.coachdrepano.com/trevor](http://www.coachdrepano.com/trevor)

**FOUNDED** 2018  
**COUNTRY** Switzerland  
**CONTACT** David-Zacharie Issom

[david@coachdrepano.com](mailto:david@coachdrepano.com)

### [VIDEO](#)

We are developing a conversational artificial intelligence (chatbot) to empower people with Sickle-Cell disease (SCD) through patient decision aid and health coaching. Recent studies indicated that chatbots could help chronic patients achieve and maintain long-lasting behavior changes, increasing their overall health. Despite affecting 100M of people, SCD is one of the most neglected and mis-recognized chronic disease worldwide. There is no affordable cure and nothing supporting patients' comprehensive self-management needs. Consequently, 80% of people die before their 5th birthday. Unlike Apps, chatbots can be deployed quickly at a large scale, on any type of phone and in any language. The chatbot establishes an empathic relationship with the patient and evaluates his empowerment level. Then, it can offer personalized recommendations, targeted lessons and for people who desire, coaching by expert-patients. The system is powered by patient-generated health data, expert-patients knowledge and are reinforced by evidence-based medical knowledge. The underlying technology is based on natural language processing, machine learning and medical informatics standards. Thus, algorithms could fully grasp the wealth of patient-generated data, automatically identify the best self-care practices among SCD population and generate new insights for the patient and health professionals community.



## Solution Description

Dermatica uses a combination of expert subject and technical knowledge to bring dermatology-recommended evidence based prescription skincare to the broad public. Through our multi disciplined team of dermatologists, pharmacists, formulation scientists and computer scientists, we offer a product/service which is faster and more cost effective than traditional methods currently available, such as using a private dermatologist or the NHS. Alongside this customers are encouraged to use our technology platform to track and share their skin progress, consult with our dermatology team to discuss treatment & tap into our expert knowledge base. Behind the scenes we utilise AI to continue to improve our specialised clinical expertise and our prescribing AI to ensure that patients continue to receive a high level of care.

[www.dermatica.co.uk](http://www.dermatica.co.uk)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Dwayne D'Souza

[marketing@medexpress.co.uk](mailto:marketing@medexpress.co.uk)

**VIDEO**





[www.digitalcareplanning.com](http://www.digitalcareplanning.com)

**FOUNDED** 2017  
**COUNTRY** England  
**CONTACT** Chris McCormack

[chris@digitalcareplanning.com](mailto:chris@digitalcareplanning.com)

## Solution Description

Digital Care Planning has created a platform to make critical illness and end of life planning mainstream, covering health care planning and financial resilience to cover the costs of care. The service spans web, mobile, AI-enabled chatbot, and Voice devices such as Google Home and Google Assistant.

**[VIDEO](#)**



## Solution Description

[www.docthers.com](http://www.docthers.com)

**FOUNDED** 2015

**COUNTRY** USA

**CONTACT** Asher Hasan

[asher@docthers.com](mailto:asher@docthers.com)

doctHERs uses technology to connect women to their true potential. doctHERs collaborates with large employers, insurance companies and manufacturers to deliver tech-enabled health & wellness to their workers/beneficiaries in a manner which promotes access to quality healthcare while reducing overall cost. Frontline health workers (community health promoters, nurses and midwives) are recruited, trained and equipped with technology - hardware, software and wifi/broadband connectivity. They are then deployed in corporate offices, factories, retail clinics and ambulances where they are able to connect health-seekers with unmet needs (especially female workers who otherwise have highly restricted access to women's health) to remotely located female doctors. These trusted intermediaries are trained to conduct sophisticated diagnostic and interventional procedures under the supervision and guidance of a remotely located (home-based) female doctor. What is unique about doctHERs is that it reintegrates licensed female doctors (who otherwise would be excluded from the workforce) - there are over 300,000 licensed female doctors who are not participating in the global health workforce at any given time due to: (i) childcare or parental care responsibilities, (ii) rigid health systems that have not adapted to their agile work needs and (iii) sociocultural barriers in some countries within the MENASA region (including Pakistan where over 50,000 licensed doctors are currently excluded from the workforce).

**VIDEO**



[www.disciplinex.com](http://www.disciplinex.com)

**FOUNDED** 2012  
**COUNTRY** United Kingdom  
**CONTACT** David Hume

[david.hume@disciplinex.com](mailto:david.hume@disciplinex.com)

## **VIDEO**

## Solution Description

DisciplineXgames is the world's 1st virtual arena focussing solely on the facilitation of 'Adherence Tournaments', for the Health and Fitness wearable tracking industry. Adherence Tournaments are a new type of gaming format that rewards players for their effort and attitude during the life of the game and not just the players finishing position. Players use the platform and its behavioural contracting tool, to design competitions on who can maintain desired goals for the longest period of time. Players decide the entry fee and prize split of the games and invite friends and family to accept the challenge. As the games are indefinite, the players must sync their personal tracking device with the platform, so that the data from their device can be used to confirm compliance. DisciplineXgames charges a 17% administration fee for facilitating the tournaments and earns Amazon and other affiliate revenue for selling associated products to players. We also plan to sell broadcast rights and anonymised data insight services in the future. We successfully launched the service in 2014, take-up was underwhelming due to the lack of maturity in the wearables market, so we decided to park the innovation for resurrection later. We believe the time is now!



<http://healthgatehit.com>

**FOUNDED** 2014  
**COUNTRY** Jordan  
**CONTACT** Mohammad Daradkah  
[GM@HealthGateHIT.com](mailto:GM@HealthGateHIT.com)

[VIDEO](#)

## Solution Description

HealthGate Cloud © is a Cloud-based Healthcare IT Solution for all health service providers (PHSP), which offers full solution for Electronic Health Record (EHR) services and sharing between different health service providers and many more related services through a special solution that adopts the latest international standards in the healthcare IT field. Pay-Per-Patient (PPP) Model will be used as the most economic business model for our customers, they only need to have internet connectivity to start using the system and they can pay for us very few subscription fee per patient (pay as they have patients only). Targeted Customers: Private Clinics (All kind of clinics), Medical centers, Hospitals, Laboratories, Radiology centers, Pharmacies. Our customers can benefit from many additional free services as they use HGC© such as: – Patient Portal: provide access for their patients to : • Access their medical record any time from their smart devices. • Search for the nearest physician based on search criteria – Medical Insurance Module: Automates all pre-approvals and claim management workflow with medical insurance companies. – Across Clinics Referral Module: Enables the referring cooperation between different clinics and medical centers. With HGC©: All Health Service Providers as ONE big Hospital and Patients can always access their EHR.



[www.dr-julian.com](http://www.dr-julian.com)

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** Julian Nesbitt

[julian@dr-julian.com](mailto:julian@dr-julian.com)

## [VIDEO](#)

## Solution Description

Dr Julian is an innovative mental healthcare platform that increases accessibility to mental healthcare. It can take many months to obtain help in the NHS. We connect patients securely within days, seven days a week, to vetted mental healthcare professionals offering them choice of time and type of appointment ie video/audio/text they want. We are the only organisation to guarantee that all therapists are appropriately qualified with on-line training and supervision. We Have a sophisticated matching system allowing patients to be matched to the right therapist for them through language, issue they need help with and therapy type. We can track outcomes both short and long term automatically through validated questionnaires for anxiety and depression allowing users to take control of their mental health through their own dashboard and we can create completely customisable sub portals with white labelled branding, registration forms and therapist notes templates for any NHS trust/organisation we work with. We are working with NHS trusts providing part of their mental health service, with corporate organisations giving their employees access to our over 300 specialists on the same day they need help and at the time convenient for them with near 24/7 cover. Using digital technology we are able to revolutionise mental healthcare delivery across the globe, utilising a workforce far more effectively and getting users seen by the right therapist when and where they need it anywhere in the world.



## Solution Description

The elina app is designed to provide support for individuals in the tracking and managing of long-term pain in collaboration with a team of doctors, professionals and close friends - their chosen 'e-team'. The app provides a positive and engaging tracking experience, alleviating the impact for users on their professional and personal lives.

The app is attracting a lot of interest from the healthcare and pharma community, because it targets the challenge of how users can be encouraged to engage better with self-care, including pain management and treatment plans.

[Walkthrough animation](#)

<https://elinaapp.com>

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Elina Hedman

[elina@aerateinc.com](mailto:elina@aerateinc.com)

[VIDEO](#)



[www.equoo.com](http://www.equoo.com)

**FOUNDED** 2017

**COUNTRY** United Kingdom

**CONTACT** Silja Litvin

[silja@psycapps.com](mailto:silja@psycapps.com)

## [VIDEO](#)

## Solution Description

Award-winning [eQuoo](#), the evidence-based Emotional Fitness Game, combines the excitement and joy of gaming and the expertise of mental health professionals to provide a new form of mobile prevention and therapy.

The game is designed for young adults aged 18-28 and has recently successfully undergone a 3-arm Randomised Control Trial testing well-being metrics. The academic research was conducted by Silja Litvin, CEO and a clinical psychologist. eQuoo users are five times more engaged than average mental health app users, making the game a pioneer in sustainable and scalable mobile therapy.

PsycApps is backed by Techstars, and have partnered with many charities, including [Mental Health America](#), is in the Bonus Program of the largest German insurance company, [BARMER](#) as part of their prevention offering and has caught the attention of major news outlets like [Forbes and TechCrunch](#). They're gearing up to conduct the biggest clinical trial around a mental health app with UCL and 45k students in September then testing the effect on depression and anxiety.



[www.fibromapp.com](http://www.fibromapp.com)

**FOUNDED** 2012  
**COUNTRY** United Kingdom  
**CONTACT** Alyssa Reid

[alyssa.reid@bodymapapps.com](mailto:alyssa.reid@bodymapapps.com)

**VIDEO**

## Solution Description

FibroMapp Pain Manager+ is a digital chronic pain tracking and management system that is clinically approved and DCB/SCI I 0129 compliant for clinical risk.

FibroMapp has been created by people living with complex chronic pain conditions for people with conditions such as fibromyalgia MS, Lupus and arthritis. Pdf reports have been designed to support clinical shared decision-making.

FibroMapp tracks, monitors and records medications, sleep, mood, triggers and flare-ups. The 3D 'tap & track' body image allows users to identify pain type, severity and location.

The completed app will be available early 2020 to the general public.





[www.memoride.eu](http://www.memoride.eu)

**FOUNDED** 2015  
**COUNTRY** Belgium  
**CONTACT** Roel Smolders

[roel@activ84health.eu](mailto:roel@activ84health.eu)

[VIDEO](#)

## Solution Description

One of the most profound impacts that ageing or living with a disability has, is that the world in which you live gradually becomes smaller and smaller, until at one point in your life, you spend most or all of your time between the four walls of your house, nursing home, hospital or day care centre. Memoride offers persons with a physical, cognitive or logistic restriction the opportunity to virtually travel outside again from within the safety and comfort of an indoor environment. We use Google Streetview images to allow users to create unique and fully personalized experiences, visiting the place where they were born, used to live, or went on holidays. By offering this unique opportunity, Memoride stimulates reminiscence and social interaction and motivates users to go on a bike ride down memory lane. Memoride is developed such that it is non-stigmatizing and can be used by all, regardless of any physical or cognitive restriction. At each intersection, users can create their own route, going back to locations with an emotional value, or exploring new and exciting locations. There are no boundaries for users, only endless opportunities to explore the outside world.



## Solution Description

Evolutionware is a standards-based, secure, distributed, and open platform which enables data interoperability for health service providers. This provides better control and services through self-governed data ownership for the patients and enables new opportunities for health service providers in the digital marketplace. Evolutionware platform enables patients irrespective of their economic, cultural or educational level to remain in control of who has access to their data and be able to allow access and share their data when needed securely and intuitively to receive value-based healthcare services.

<https://evolutionware.io>

**FOUNDED** 2018  
**COUNTRY** Spain  
**CONTACT** Roman Jasins

[roman@evolutionware.io](mailto:roman@evolutionware.io)

**VIDEO**



The specimen collection company

[www.forte-medical.com](http://www.forte-medical.com)

**FOUNDED** 2006  
**COUNTRY** United Kingdom  
**CONTACT** Giovanna Forte

[giovanna@forte-medical.com](mailto:giovanna@forte-medical.com)

**VIDEO**

## Solution Description

With the potential to impact global public health, Peezy Midstream addresses the most overlooked area of basic diagnostic medicine.

In the UK, Peezy Midstream is the only urine collection system to meet the PHE UK Standards for Microbiology Investigation of Urine 2016, providing efficacy, accuracy and substantial cost savings for healthcare providers. A published NICE MedTech Innovation Briefing Paper provides all published Clinical Evidence to date, with more pending from UK Public Health bodies and major NHS Trusts. NICE Guidance Review is proposed for 2019-20.

Over 65 million urine specimens are collected every year in the UK by the NHS; average contamination rates will lead to over 14m failed diagnoses and millions of unnecessary antibiotic prescriptions. In antenatal settings, Peezy Midstream reduces false-positive dipped urines by up to 70%, leading to lower rates of unnecessary antibiotic use by pregnant women where unwarranted prescribing can promote antibiotic immunity in the mother and child.

Right-first-time analysis, diagnosis and appropriate treatment of ailments/illnesses saves the necessity and multi-million-pound cost of repeat testing, appointments and costs associated with the dispensing of unnecessary medicines.

In the USA, positive clinical evidence has been published by Loyola Chicago Stritch School of Medicine with September publication of a clinical study from leading healthcare provider, Baylor Scott and White. Approval has been granted for an AMR related reimbursement code for \$48-\$63 and a sales and distribution agreement is under negotiation for the USA and Canada.

Peezy Midstream is a unique, Class 1 non-sterile medical device, heavily patented, FDA and MHRA listed.

Link to NICE MedTech Innovation Briefing Paper: <https://www.nice.org.uk/advice/mib183/chapter/Summary>



## Solution Description

[www.familyproud.com](http://www.familyproud.com)

**FOUNDED** 2018  
**COUNTRY** USA  
**CONTACT** Jaden Risner

[jaden@familyproud.com](mailto:jaden@familyproud.com)

**[VIDEO](#)**

Family Proud provides peace of mind. We offer an application-based software with which patients and their families can clearly and securely communicate all their social, medical, and logistical needs. We are founded on the principle that everyone deserves tailored, complication free, and uninhibited access to essential resources. Ultimately our project provides vulnerable populations an adaptable solution that enables users to receive assistance, explain treatments, access information and interact with loved ones. Family Proud's solution is different than our current competitors as it offers an innovative and encompassing approach to patient care needs at no cost to the immediate family themselves. Alternative platforms offer siloed resource capabilities, however, they do not offer both the social support through peer to peer and the direct assistance with the care navigation process, to include tangible support through financial assistance, products, and services. A major competitive advantage for our solution is also our leadership team. We have all lived through the pains we are working to address and are committed to the mission.

# foren method

## Solution Description

Foren Method is a comprehensive solution for the treatment of neurological and motor injuries through Virtual Reality. Foren is a therapeutic tool for anyone that is in a state of immobility. Reduces recovery time, increases muscular strength, normalises sensitivity and promotes motivation. Foren Method has developed and is proprietary of an innovative method which aims to optimize the neurorehabilitation processes, using a strategic and disruptive combination: The synchronised virtual reality immersion and neuromuscular stimulation strategies, together with personalized rehabilitation protocols from data generated and recorded during the therapy. Virtual Reality transmits to the brain and the body certain stimuli which cause them to react with different somatic, visceral, physiological and even psychological responses. It aims stimulation towards the development of positive plasticity, and then supporting the mechanisms for neural recovery and serving as an important contributor in this process. Neurovirtuality is the in-depth study of the influence of Virtual Reality on the mechanisms of neurological plasticity. In order to achieve motor reorganization, the signal that favours plasticity and consolidates that learning must be bidirectional: from the cerebral cortex to the target muscle, and vice versa. The synchrony between Virtual Reality and feedback is precise and coherent, allowing motor re-learning and correct synaptic remodelling, since it works with the two most important systems for motor control: visual input and sensory-proprioceptive input.

[www.forenmetho.com](http://www.forenmetho.com)

**FOUNDED** 2018  
**COUNTRY** Spain  
**CONTACT** Lucas Gaudiosi

[lucas.gaudiosi@forenmetho.com](mailto:lucas.gaudiosi@forenmetho.com)

### [VIDEO](#)



[www.gabismartcare.com](http://www.gabismartcare.com)

**FOUNDED** 2017  
**COUNTRY** Belgium  
**CONTACT** Jonathan Baut

[jonathan.baut@gabismartcare.com](mailto:jonathan.baut@gabismartcare.com)

## Solution Description

Thanks to predictive monitoring, Gabi SmartCare innovative' solution improves the lives of young children with respiratory conditions.

The medically certified solution processes monitored physiological and environmental parameters to daily assess the control level of the chronic condition, alert in case of exacerbation and identify symptoms' evolution.

The symptoms objectification helps doctors to quicker diagnose chronic respiratory conditions on young children, while the daily assessment marker enables parents to better manage the disease. The solution predicts health deterioration and informs doctors on the treatment efficiency over time, reducing the number of exacerbations, the number of hospitalisation as well as the overall treatment cost.



[www.genetx.eu](http://www.genetx.eu)

**FOUNDED** 2015  
**COUNTRY** Romania  
**CONTACT** Bogdan Ivanov

[bogdan.ivanov@genetx.eu](mailto:bogdan.ivanov@genetx.eu)

## Solution Description

Insurance companies, using our service can: - adapt their services/product based on health status similar to "the smokers or not smokers" approach - monitor customer health status: body composition, abdominal circumference and other analysis Customers will have FREE access to NUTRITION ASSESSMENT DIGITAL PLATFORM and using a patent-pending algorithm based on STANDARD nutritional needs, physical activity, and actual eating pattern, users can: - determine NUTRIENTS DEFICIENCIES and - determine the exact quantity of food and supplements to cover nutritional needs. - monitor health status evolution For a more personalized approach, patients need to perform a nutrigenetic, screening and microbiome test, and based on GENETIC, MICROBIOME profile and AI we provide: PERSONALIZED THERAPEUTIC NUTRITIONAL SOLUTION Competitive advantages: 1. We provide a detailed list of food/nutrients and supplements intake to cover nutritional needs, all this has actionable data while our competitors are offering general advising with no actionable information. 2. We provide FREE access to "NUTRITION DEFICIENCIES ASSESSMENT" digital platform for everybody - no competitor has this option 3. No need for daily data introduction - all calorie counters app has this handicap 4. No need to follow a meal plan, cook using your food list intake recommendation - no competitor has this option.

**VIDEO**



[www.genieconnect.co.uk](http://www.genieconnect.co.uk)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Rob Parkes

[rob.parkes@serviceroboticsltd.co.uk](mailto:rob.parkes@serviceroboticsltd.co.uk)

## Solution Description

We live in an ageing society, where the needs of the older adults of the UK are increasingly unmet by our health and care systems. GenieConnect® is an intelligent, personalised, robot companion service that supports extended independent living for older adults and is offered to the user at an affordable all-inclusive monthly subscription & is completely voice enabled. Each user receives a Genie robot, which is an interactive companion, offering reminders, video calling to family & friends and smart home management, as well as monitoring of the user environment remotely by family. Real-time video support connects the user to a dedicated 24x7 Service Centre. The friendly service agent, with their knowledge of the user's likes & dislikes, routines & needs, will answer their queries. GenieConnect® also integrates RemindMecare, a partner software solution that promotes cognitive retention with memory stimulation. Once loaded with the user's brief life story, Genie's AI engine will offer reminiscence with family photos and videos, nostalgic articles, music and news. GenieConnect is a unique service, not yet existing in the marketplace, and will be the first deployment of Robotics-as-a-Service for ordinary people. It will also be the first completely voice enabled Age-Tech solution.

**[VIDEO](#)**





## Solution Description

Pelvic Organ Prolapse (POP) is a serious issue that affects up to 75% of women. It causes urinary incontinence, low libido and other unpleasant conditions. In reality, the statistics are likely to be worse as many don't report this sensitive issue to their physicians.

Femspark provides a tailored AI-enabled program and personal trainer that uses biofeedback and gamification to keep you motivated and effectively address urinary incontinence and POP-related issues and helps to bring a spark back into your sexual life.

<https://femspark.com/>

**FOUNDED** 2019  
**COUNTRY** Spain  
**CONTACT** Tatiana Yashina

[tanya.yashina@gmail.com](mailto:tanya.yashina@gmail.com)



[www.gpdq.co.uk](http://www.gpdq.co.uk)

**FOUNDED** 2015  
**COUNTRY** United kingdom  
**CONTACT** Laura Przybek

[laura@gpdq.co.uk](mailto:laura@gpdq.co.uk)

**[VIDEO](#)**

## Solution Description

GPDQ is a technology enabled healthcare provider, helping consumers and employees to manage their own and their families' health. We're here to make it as easy as possible to see a doctor.

The average wait to see a GP on the NHS in the UK is now two weeks, it's widely recognised that this is just not good enough for the patient. We give patients access to experienced NHS GPs quickly in a location that suits them, be it via video, in clinic or at the location of their choice, home office or hotel.

GPDQ is the largest tech enabled doctor visiting service in the UK, carrying out 15,000 consultations to date. Our differentiator is our full multichannel patient centred primary care service, with fast, convenient access to doctors, physios, nurses and mental health specialists.

GPDQ launched in 2015 to direct consumers and has since expanded to provide a full suite of preventative and reactive healthcare services for employers and insurers. Bespoke solutions are created for each client to focus on their priorities.

GPDQ is setting the clinical standard for innovative healthcare services receiving an outstanding CQC [inspection report](#) in 2018. Patients are seen quickly and can spend as long as they require with a doctor. All consultations take place with a GMC registered NHS GP who has undergone GPDQ's rigorous screening process and intensive patient care training programme.

The solution and operating model makes our product easily replicable in markets overseas with similar healthcare challenges.



## Solution Description

[www.sensoriahealth.com](http://www.sensoriahealth.com)

**FOUNDED** 2011

**COUNTRY** USA

**CONTACT** Sharlene Sternberg

[sharlene@sensoriainc.com](mailto:sharlene@sensoriainc.com)

### [VIDEO](#)

Sensoria Health designs, develops and produces bio-sensing wearable garments. The vision of the company is that The Garment is the Computer®. Wearables will disappear into garments and footwear. By injecting sensors and electronics and driving data to the cloud, quantified experiences can be enabled and create an Internet of Me Platform. We are focused on five key areas: Diabetic Foot Complications, Fall Detection/Prevention, Total Knee Replacement, Neurological Disorders (Parkinson's Disease, Multiple Sclerosis, Dementia/Alzheimer's) and Breast Cancer. Sensoria has created solutions including smart socks/shoes which have proprietary textile sensors infused into the plantar area of the foot. Sensoria has also created a non-mission specific embeddable device: Sensoria® Core, which can be used in conjunction with our own smart footwear, third party products, and as a stand-alone device or to enable other companies' products to deliver customized solutions across multiple health care scenarios. Sensoria® Core is equipped with a 9-axis IMU (accelerometer, magnetometer and gyroscope) which can connect to 8 embedded sensors and designed to connect to sensor infused smart footwear and garments. Research has demonstrated that after a knee, hip surgery or stroke, activity, gait monitoring and rehabilitation compliance are critical to improve outcomes and prevent falls in aging patients.



· H A J I M E ·

<https://hajime-ai.fr/>

**FOUNDED** 2019

**COUNTRY** France

**CONTACT** Quentin Pedron

[contact@hajime-ai.fr](mailto:contact@hajime-ai.fr)

**VIDEO**

## Solution Description

Hajime is the first psychosociological chatbot specialised in the patient experience. Thanks to the combination of Artificial Intelligence and social psychology, Hajime can understand the factors responsible for the patients' non-adherence, while talking to them. Hajime can not only help the patient to ameliorate his adherence, but also the physicians to improve their support. It offers a continuous support to patients. While talking to the patient, Hajime collects many relevant data: including quantitative (thanks to scientific measurement scales based on psychometric criteria), as well as qualitative (feelings and treatment feedbacks). Thanks to Natural Language Processing, the chatbot can extract qualitative contents from the patient answer and make use of it to adapt to the situation. Depending on the patient's quality of life and psychosociological models, Hajime can then understand why the patient is non-adherent and help him improve it. The communication between the chatbot and the patient is the key to success. We focus on engagement theory and gamification. The chatbot can change patients behavior by offering them many goals to achieve, activities, levels to complete and rewards to win, at any time.



[www.healum.com](http://www.healum.com)

**FOUNDED** 2014  
**COUNTRY** United Kingdom  
**CONTACT** Nimit Upadhyay

[nimit.upadhyay@healum.com](mailto:nimit.upadhyay@healum.com)

[VIDEO](#)

## Solution Description

Healum is a digital health company that enables healthcare professionals to provide smart and personalised on-demand health services to people with long term conditions.

### **Smart Healthcare Platform delivering digital services for patients with long term conditions**

Healum provides healthcare professionals with a set of digital tools that enables them to support, motivate and monitor patients with long term conditions outside of the clinical environment, in order to improve health outcomes; thereby making it easy to discover trusted data-driven interventions that support behaviour change. Healthcare professionals can access the best possible digital intervention to support specific patient cohorts to manage their long term condition from across the network of healthcare professionals that are using Healum.



## Solution Description

Hello Daisy is a device (set-top box, camera and remote) that internet enables any TV, so people, who are socially/digitally excluded - connect. 7.6 of 11.8m older people in the UK have never been online and 30% not in the last 3 months because they do not see the relevance, it's not easy and too expensive. Emotional health is often overlooked, and is a silent killer. Hello Daisy is relevant and fun, providing them a way to socialise with family, friends and their care community, always easy, using a technology they are comfortable and use daily - namely their TV, and affordable at £2/week. Smart phones, tablets and PCs are often too complicated, especially when there is loss of hearing eyesight. 'Too much emphasis is placed on 'doing health' to people and not enough on creating joy and purpose first, which in turn creates the motivation for self-care and improving personal health and independent living.' For family and communities - who want to connect, share life experiences with photos, videos, messages, video-chat; simply cannot because of the digital barrier. It is also a platform for local communities/healthcare practitioners to connect. App can include prescription reminders / GP consultations. We will provide health and wellbeing channels with specific content around, eating, moving, thinking and being well. Finally, it will house movement, temperature, light, sound and air quality sensors, and acts as a discrete device to keep them safe and monitor them remotely.

[www.hellodaisy.org](http://www.hellodaisy.org)

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** David Mark

[david@hellodaisy.org](mailto:david@hellodaisy.org)

### **VIDEO**



## Solution Description

We are physicians ourselves and have developed a program for patients and physicians or therapists. With the „Herodikos“-App for therapists the physician can easily provide a workout plan with personalized, systematic exercises to patients suffering from various pain syndromes. With the patient app, the user can work out or meditate, has access to exercise descriptions and background information, and can communicate with the therapist. The physician or therapist has a handy tool, with which he or she can monitor how often the patient exercises and how much progress is made. The app enables the therapist to select and exchange exercises based on the results of a specific examination and testing process he or she is led through by the app. We developed this functional and global movement analysis following recent research. In addition, the therapist can find guideline-based detailed information about specific diagnoses in the facts section. With these features, our system is the first that can easily be integrated into ambulant and hospital care and can be implemented in multiple use cases. No matter whether you want to treat back pain, depression, incontinence, chronic obstructive pulmonary dysfunction or polyneuropathic complaints after chemotherapy or in patients with diabetes – we have built the solution.

[www.herodikos.de](http://www.herodikos.de)

**FOUNDED** 2018  
**COUNTRY** Germany  
**CONTACT** Eva Schobert

[eva\\_schobert@gmx.net](mailto:eva_schobert@gmx.net)

**VIDEO**

# Respi Med

## Solution Description

[www.respimedsa.co.za](http://www.respimedsa.co.za)

**FOUNDED** 2016  
**COUNTRY** South Africa  
**CONTACT** Alfred Ranyali

[ranyali.mphethenyane@gmail.com](mailto:ranyali.mphethenyane@gmail.com)

Our home health mobile app is a user-friendly, point-of-care solution that puts patient care in the palm of your hands. Patient Care Simplified Our user-friendly mobile app allows you to focus on what's most important: improving patient outcomes. It empowers your agency with the tools needed to provide the best care for your patients. Spend more time focused on patient care instead of paperwork Document clinical notes easier and faster Convenient anytime, anywhere access Access all notes, vital signs, and schedules in real time View care plans at a glance. HOMEOCARE-Ready App for All Mobile Devices Our easy-to-use AgencyCore app, for iOS and Android mobile devices, empowers clinicians in the field with the ability to securely document comprehensive patient assessments while providing care. Document while simultaneously interacting with patients Communicate with all members of the care team Verify visits at the point of care Seamlessly integrated with our cloud-based software, Agencycore Document care offline, without an internet connection Accurately document at the point of care. Electronic Visit Verification Our home health mobile app includes a built-in Electronic Visit Verification system. Your visits are verified by capturing a patient's signature, recording the time and location. Verify visit location and time securely and accurately Verify Visits at the Point of Care Ensure compliance and eliminate potential fraud charges Capture patient signatures at the point of care. HIPAA-Compliant Messaging Our secure and HIPAA-compliant messaging system helps you stay connected at all times, empowering you with immediate access to the right information. Send messages in real time Collaborate to deliver great patient care Conveniently work from anytime, anywhere Focus on patient care, not paperwork. Safe and Secure No need to panic if your device is lost or stolen. Our mobile app is built on the latest technology with passcode enabled, encrypted dual-layered security. Safeguard your agency against information theft Secure data storage Ensure regulatory compliance Assurance and peace of mind [02/04, 14:07] Kelso□: Products and Services -HomeHealth Software -Homecare Software -Hospice Software -Revenue cycle management -Billing Services -Patient Engagement -Scheduling & Staffing.

### VIDEO





[www.heartlinkonline.com](http://www.heartlinkonline.com)

**FOUNDED** 2007

**COUNTRY** Belgium

**CONTACT** Toon Poppe

[toon.poppe@gmail.com](mailto:toon.poppe@gmail.com)

## Solution Description

The ultimate personal health based on a multilayered structure of deep learning algorithms in neural networks on top of our EHR platform organized as a private blockchain.



[www.hospify.com](http://www.hospify.com)

**FOUNDED** 2013  
**COUNTRY** United Kingdom  
**CONTACT** James Flint

[james.flint@hospify.com](mailto:james.flint@hospify.com)

**[VIDEO](#)**

## Solution Description

Hospify is a secure and compliant health communication platform built on free & trusted messaging for clinicians & patients in primary, secondary & tertiary care. A free messaging app is made available to end users via the Apple and Android app stores; a team messaging platform for web and desktop (the Hospify Hub) is sold to hospitals, surgeries, pharmaceutical companies and other healthcare institutions. Together, the Hospify App & Hub combine the best of consumer tools like WhatsApp, LinkedIn and Slack, in a manner that's appropriate for use in health, and is now in use in over 100 hospitals across the UK.



## Solution Description

'hplus' is a collection of six personal health monitoring devices that aim to relieve the pressure on the patient, clinician and health service. Included within the collection is a spirometer, urine-analyser, and finger-prick blood tester, that together with the other devices are designed to provide accurate monitoring of nine major chronic health conditions. The devices are designed to be simple and hassle-free to use by both young and old alike. With no digital readouts and minimal interfaces, an accompanying mobile application guides users through the testing procedures, while displaying results of recent tests alongside notes from their doctor. For medical practitioners, the secure transfer of patient data to a centralised portal, gives a more frequent and accurate picture of their patients state of health; reducing the number of appointments a patient needs for check-ups, as well as the risk of misdiagnosis and over-medication. Setting the hplus collection apart from other healthcare devices is a strong focus on materiality. The devices are designed to counter the current aesthetic of medical products; creating a visual warmth that gives users a sense of dignity through their use and ownership, all while grounding them in the domestic setting.

<http://mattcanham.uk>

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** Matt Canham

[projects@mattcanham.uk](mailto:projects@mattcanham.uk)



<https://i4life.es>

**FOUNDED** 2018

**COUNTRY** Spain

**CONTACT** Marian Garcia Prieto

[marian@i4life.es](mailto:marian@i4life.es)

## Solution Description

Our product pauto is devoted to people suffering from Parkinson's Disease and Alzheimer's. Pauto is a portable device, located on a stick, based on a national patent of the company. Pauto can be described as a brain, that geolocates, monitors and obtains interesting data about the user's activity and health condition. By means of a software data is uploaded to an intelligent database, available for the user, their relatives or caregivers and their physicians, in compliance with GDPR. Physicians can access to the data by downloading a brief report on their PC. This report contains reliable information on their patient's symptoms and thus, a better dosage of their medicine will be made.

Although pauto is a technological device, it was designed with the appearance of a normal stick, to perfectly fit in daily life of the patient.

The geolocation is an interesting function for people with Alzheimer and for Parkinson's Disease patients, pauto also offers two laser light projections and an haptic stimulus to cope with Freezing of Gait problems.

The device can be completely adapted to the user's needs in the app pauto.

**VIDEO**



## Solution Description

[www.infi-tex.com](http://www.infi-tex.com)

**FOUNDED** 2016  
**COUNTRY** United Kingdom  
**CONTACT** Myra Waiman

[myra@infi-tex.com](mailto:myra@infi-tex.com)

### **VIDEO**

Infi-tex offers a new class of patented smart pressure sensitive material which enable switches and sensors to be printed onto textiles. We have identified the elderly and infirm care as our first point of market entry. Infi-tex is developing Bluetooth-enabled inner-soles that is able to monitor change of pressure and movement in real time. The Innovation is Infi-tex's patented C2 Quantum technology (conductive ink) which is screen printed to develop connected insoles that detect changes in gait and provide the user ( clinician and patient) with real time feedback in a specially developed App. There are potential clinical applications in diabetes , CNS conditions and fall prevention. Clinical studies in 2018 have demonstrated the cost-effectiveness of insoles to prevent Diabetic Foot Ulcers. Due to the printing manufacturing process the infi-tex's technology will be the first consumer-friendly product in the market. being fully textile makes the insoles thin, comfortable, flexible, washable and low weight, allowing them to seamlessly integrate into any shoe, helping the patient to be more compliant and are affordable to all. Compared to most competition Infi-tex patented ink is electrically anisotropic rather than piezoceramic, making it highly sensitive and less prone to false positives. Infi-tex proposes to develop an e-textile sole (Infi-Sole) that is able to monitor pressure and movement.

WIWE

## Solution Description

<https://shop.mywiwe.com>

**FOUNDED** 2015  
**COUNTRY** Hungary  
**CONTACT** Adam Csörghe  
[csorghe@sanatmetal.hu](mailto:csorghe@sanatmetal.hu)

Our business card-sized, one-lead mobile ECG offers clinical quality recording and a comprehensive analysis for a-fib stroke, arrhythmia, oxygen deficiency and sudden cardiac arrest risk assessment. It pairs with the user's mobile phone/tablet, the recording takes 60 seconds and then it offers a free risk analysis using a free app. Unlike many other mobile ECGs, WIWE is a medical device and its algorithm does a wave analysis besides the usual heart rate analysis thus enabling a more accurate and wide ranging detection of irregularities. By examining the P wave, it offers the most accurate a-fib detection on the market. Its sudden cardiac arrestment risk analysis is a worldwide unique feature no other mobile ECG offers. By examining ventricular heterogeneity, it evaluates the bioelectrical stability of the heart and, as a result, the risk of ventricular fibrillation/tachycardia. WIWE creates a free, color-coded risk assessment report for the end user after the 60 seconds long recording that also includes a wave analysis and the entire ECG curve that can be emailed to a medical professional for further analysis. WIWE is in clinical use at about 40 cardiology centres across Hungary, primarily, to detect atrial fibrillation and has also been sold by the thousands to end users across the EU.

### VIDEO



[www.gendius.co.uk](http://www.gendius.co.uk)

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** Rory Cameron

[roryc@gendius.co.uk](mailto:roryc@gendius.co.uk)

[VIDEO](#)

## Solution Description

The scale of the global diabetes epidemic is huge, and the potential complications can be devastating. 425 million people are living with diabetes and this is expected to increase to 629 million by 2045. Diabetes is the leading cause of blindness, acute kidney disease, and every 30 seconds a leg is amputated due to diabetes. In addition, people with diabetes are four times more likely to die from heart disease. Diabetes Apps currently found on the market i.e. MySugr, Glucose Buddy focus on managing glucose levels but these do little more than track blood glucose, blood pressure, carbohydrate intake etc. Intellin is unique in that it takes the holistic approach to diabetes, by combining clinical standards, AI (artificial intelligence) and the individual's data to calculate their risk of developing different diabetes complications. The platform stratifies these patients and then provides them with clinically validated daily tasks and reminders specific to their risks. Intellin takes the all the information and presents it in a meaningful way that supports an individual to make appropriate changes to reduce their risk of developing complications. It offers the opportunity for behaviour changes that may mitigate disease progression.



[www.zencorlabs.com](http://www.zencorlabs.com)

**FOUNDED** 2017

**COUNTRY** Germany

**CONTACT** Albert Bravo

[albert.bravo@zencorlabs.com](mailto:albert.bravo@zencorlabs.com)

## [VIDEO](#)

## Solution Description

Zencorlabs is the PropellerHealth of Heart Failure.

Heart Failure is morbid chronic disease that makes the very basic activities of a human being such as slightest physical effort seem impossible.

All Heart Failure medications cause severe side effects that make the disease even more challenging for the patient.

The cardiologists and scientists at Zencorlabs have developed a digital therapy on top of available Heart Failure drugs that mitigate the harmful side effects while maximizing the efficacy of the drug thus increasingly reducing Heart Failure readmission rate.

Our solution measures patients Pulse Wave(<https://youtu.be/hUUUUN3EZUs>) using a smartphone camera and the flashlight stimulated by a respiratory maneuver (Valsalva Maneuver).

The result of the test ([https://youtu.be/ICpk\\_naQEP0](https://youtu.be/ICpk_naQEP0)) is a clear picture of current Heart Failure (HF) status described as Heart Rate (HR) VS Pulse Pressure - The Zencoreye (<https://youtu.be/IZ0-dkJSWN0>) curves and the corresponding Left Ventricular End-Diastolic Pressure (LVEDP).parameter.

It allows any Health Care Professional to have a real time feedback on the minimally efficient dosage of the prescribed Heart Failure drug for each patient individually.





[SmartHydration.co.uk](http://SmartHydration.co.uk)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Sean Reel

[Sean.Reel@gmail.com](mailto:Sean.Reel@gmail.com)

**[VIDEO](#)**

## Solution Description

The Smart Jug is part of our mission to eradicate dehydration in care homes and hospitals. Dehydration is the hidden killer as it often leads to falls, UTI's and makes drugs ineffective. Over 1/2 Million hospital admissions each year are directly as a result of poor hydration. The Smart Jug is unique as it combines measurement, alerting, reporting and learning in one device. Traditional methods of measuring hydration are manual, provide no basis for wide scale analysis and are using critical resources (nurses/carer) ineffectively. Our first trial is with a Dementia care unit and we are working on the Machine Learning and voice interface.



<http://idonia.com>

**FOUNDED** 2017

**COUNTRY** Spain

**CONTACT** Miguel Cabrer

[mcabrer@idonia.com](mailto:mcabrer@idonia.com)

## [VIDEO](#)

## Solution Description

One of the most ambitious goals to reach regarding eHealth is to provide accessibility to medical information to patients. In IDONIA we want to make easier the availability of medical images for professionals and patients. Lots of medical centers and hospitals have already implemented solutions to make patients be closer to their medical test results through patient portals. Even though, lots of radiology departments worldwide are still burning CD/DVD in order to provide medical images to their patients. And new computers don't even bring CD reader!

Idonia provides a secure and easy to use medical files exchange platform that allows to collect, organize and share medical image tests, such as MRI, CT or US. Idonia creates a bridge between professionals and patients by simplifying access to medical documents and image tests. Idonia provides several ways to exchange information and images in smart ways, depending on the needs and patient characteristics.

Idonia Magic Link allows Hospitals to deliver medical image tests to patient with a secure and simple URL & PIN, avoiding the need of CD and DVD. Idonia Magic Link can perfectly replace the CD burning and delivery process by using the email and a secure cloud access. And using this method, patients do not need to register in any website!

The future in healthcare information systems is clearly driving us to use platforms like Idonia, because Idonia can deliver test results in a faster and easier way and share and see RADIOLOGY images from any computer, phone or Tablet with IDONIA IMAGE VIEWER, a multi device zero foot print HTML5 DICOM image viewer.



[virtualbodyworks.com](http://virtualbodyworks.com)

**FOUNDED** 2017  
**COUNTRY** Spain  
**CONTACT** Charlie Pearmund

[info@virtualbodyworks.com](mailto:info@virtualbodyworks.com)

**[VIDEO](#)**

## Solution Description

Virtual Bodyworks is seeking to change the future of social, medical and psychological rehabilitation using evidence-based, clinically validated Virtual Reality therapy stemming from 15 years research and €18m in funding. In healthcare, the Company is building a platform of scientifically proven solutions in chronic stroke, chronic pain and a range of other therapies treating immobilised body parts. In chronic pain, the Company offers a non-opioid pain relief solution designed to provide an alternative for doctors when prescribing harmful opioids. In stroke, the company's solution has been shown to be effective in helping patients regain mobilisation up to 3 years after a stroke, opening a significant recovery opportunity for patients living with the consequences of stroke, who previously had no other options.



## Solution Description

[www.innitius.com](http://www.innitius.com)

**FOUNDED** 2017

**COUNTRY** Spain

**CONTACT** Rubén Molina

[ruben.molina@innitius.com](mailto:ruben.molina@innitius.com)

Innitius has developed Fine Birth, a novel patented diagnostic tool that measures the shear mechanical properties of a pregnant woman's cervix in order to accurately and cost effectively differentiate between true preterm labor events and false threatened preterm labor (TPTL). By accurately differentially diagnosing TPTL Fine Birth will:

- Reduce the number of unnecessary hospitalizations, and its associated costs.
- Reduce use of potentially harmful therapies including tocolytics, corticosteroids and antibiotics
- Reduce psychological trauma to the mother
- Allow clinicians to focus their resources on interventions that can improve neonatal outcomes
- Reduce subjective decisions

Fine Birth is a non-invasive, in-vivo diagnostic device that uses an intravaginal transducer (similar to other intravaginal ultrasound transducers) to deliver torsional ultrasound waves to the cervix to measure the shear mechanical properties of the patient's cervix tissue, diagnosing the risk of delivery events in real time while using 1000x times less energy than a conventional ultrasound system. The device is being developed as a standalone portable/handheld system as well as for use as an add-on to existing ultrasound-systems currently in place or being sold today. With a low cost per patient tested and with no contraindications, the test can be easily applied by any obstetrician in any healthcare environment where TPTL patients may be initially seen: OB office, emergency department or maternity ward.

### [VIDEO](#)



## Solution Description

Nocdoc stands for and its vision is "a doctor will be knocking on your door within 60 minutes" nocdoc offers a unique platform connecting doctors and nurses with patients with home visits or online when suitable for patients. The system offers flexibility and security for both patient and doctor. patients are provided doctors in its area with possibility to select doctors based on previous patients review. Continuity in the form of the patient can choose the same doctor if not accessible requires more urgent care. Nocdoc also offers a quick supplementary services that online video consultation and a team of mobile nurses (now).

<https://invis.io/EAQJH1I9WKP>

**FOUNDED** 2019  
**COUNTRY** Sweden  
**CONTACT** Shoresh Moradi

[shoresh@nocdoc.se](mailto:shoresh@nocdoc.se)

**VIDEO**



**FOUNDED** 2014  
**COUNTRY** France  
**CONTACT** Frederic Lassara

[frederic.lassara@rcup.fr](mailto:frederic.lassara@rcup.fr)

## Solution Description

Our Mission is to prevent musculoskeletal disorders and health incidents at work, leveraging IoT and AI solutions. According to the European Agency for Safety and Health at work, health and safety incidents at work costs in EU28 €476bn per year, ie. 3,3% of the GDP. We want to eradicate individual pain and prevent costs for the whole value chain (individuals, corporate, social security, insurance...). First we connect PPE (Personal Protective Equipment) to gather activity data with GDPR compliance... Then we build Artificial Intelligence algorithms, based on existing science of ergonomics : algorithms "understand" accidents or musculoskeletal disorders patterns and alert workers whenever health become at risk. As weight related activity is #1 root cause for work accidents (posture, weight...), we have first connected security shoes -via insoles- to "understand" the weight and the posture carried by blue collars at work. Then, to avoid upper limbs musculoskeletal disorders, we connect gloves. We gather a lot of data data as shown in the short movie and we tag gestures with pathogen flags, according to ergonomics science, while working. For instance, everybody knows that we should carry loads by bending knees. Eventually, we want to offer the best user experience with a simple Green/Orange/Red indicators based on complicated algorithms : workers (and co-workers) could realize the work exposure for their body and react before any health incident. This solution is individualized, contextualized to heavy work situations, possibly real-time and predictive : we want to augment ergonomics at work by enhancing the level of individual responsibility.

### [VIDEO](#)



## Solution Description

There are many things that we can call our secret sauce or magical ingredient. From how we use natural language and proprietary algorithms to convert client answers into easily digestible and usable data while prioritizing caseload needs. To our building block modular construction that allows us to turn anything into a module and giving the ability to track from 1 to 9 data streams per client daily. All can and is being done at a significantly lower cost and quicker timeline than any of our competition. From client push notification it takes 3 to 5 seconds for the data to complete its path, thru clinical conversion and display on the provider portal Bridgeable, Easy to use, Encrypted and Infinitely scalable the options are boundless. The platform is evidence and best practice based, using classical and operant techniques to capitalize off of the brains neuroplasticity to solidify behavior change. I believe though that our most secret of ingredients to our most magical of sauces is our team. All contrarian by natures design, with a multitude of specific skills and talents for understanding the needs and penetrating so many complex and diverse systems and issues. Each with personal, familial or career related experience and many are former healthcare professionals turned technologists.

[www.myknktd.com](http://www.myknktd.com)

**FOUNDED** 2014  
**COUNTRY** USA  
**CONTACT** Matthew Holland

[matt@myknktd.com](mailto:matt@myknktd.com)

**VIDEO**



## Solution Description

Lavanya has launched Wellness Management for Life - WeMa Life ([www.wemalife.com](http://www.wemalife.com)) - an end-to-end B2B2C digital platform overcomes the cumbersome and emotionally draining experience of sourcing social and community care services. Uniquely it combines an e-commerce marketplace listing vetted service providers (from companions, specialist carers to physios and nutritionists), a care concierge service supporting individuals source services, and web- and mobile-apps inclusive of business management tools. Focused on person-centred care, WeMa Life is easy to use delivering an experience common with today's online shopping portals. Available anytime-anywhere, it provides a single point of interaction within the care pathway for individuals and their informal carers to confidently access, compare, book and pay for multiple in-home preventative and social care services in one single transaction. Our care concierge handholds them through the process ensuring selected services meet personal and financial needs. For gig economy and business communities, WeMa Life provides modern digital ways of working improving management and delivery of services in a sector fraught with workforce, budgetary and regulatory constraints. By connecting communities, WeMa Life is driving real societal impact and delivering our aim to create a scalable, organised and interlinked solution empowering individuals to self-manage their care and live happy independent lifestyles.

[www.lavanyaplus.com](http://www.lavanyaplus.com)

**FOUNDED** 2016  
**COUNTRY** United Kingdom  
**CONTACT** Vivek Patni

[vivek.patni@lavanyaplus.com](mailto:vivek.patni@lavanyaplus.com)

**VIDEO**





## Solution Description

"LiberEat has developed an app with support from nutrition academics to make life easier for people with dietary restrictions. The app covers several ingredients including the 14 major allergens and is the only app that shows users exactly what is suitable for them and family members when grocery shopping, eating out and cooking at home. The app also helps business customers to attract sales from this large and, rapidly growing customer group and the NHS believes that LiberEat could improve patient outcomes and cut treatment costs. One NHS trust is progressing LiberEat as a recommended patient resource and another is running a patient trial with the app. We have also been approached by the NHS about joint projects utilising anonymised data from the app.

We believe LiberEat's approach to safety and data integrity sets us apart and is why these organisation work with LiberEat. LiberEat is also working with a major supermarket and high-profile restaurant chains and is also supported by the Anaphylaxis Campaign who are supporting our marketing launch. LiberEat aims to be the "go to" app in a market where 40 of households now have at least one person that avoids certain ingredients.

[www.libereat.com](http://www.libereat.com)

**FOUNDED** 2016

**COUNTRY** United Kingdom

**CONTACT** Barry Leaper

[barry@libereat.com](mailto:barry@libereat.com)

**VIDEO**



[www.lifeboxhealth.com](http://www.lifeboxhealth.com)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Sandeep Chauhan

[sandeep@lifeboxhealth.com](mailto:sandeep@lifeboxhealth.com)

**[VIDEO](#)**

## Solution Description

We have created a digital solution to an ageing paper and labour heavy process. Currently in hospitals patients spend between 3-4 hours at their pre operative assessment appointment. Here they have to fill out multiple forms often repeating the information so that various clinicians involved in their care can view role specific information on separate sheets. This is time consuming for both the patient and the hospital staff. Our digital solution allows this to be completed at home by the patient and remotely triaged (where appropriate) by the hospital. Each clinician can remotely interact with the patients notes with each of these interactions being digitally date and time stamped providing an audit-able trail. This is something that was impossible in the paper model. Built into the system are all relevant national guidelines and thresholds for health, meaning that the patient receives the very latest and up to date care and management of their health. The results of implementation of this software in a trial hospital saw a reduction in clinic hours of 200 and patient attendance reduction of face to face appointments by 50% which equated to 600 hours less. We also saw 0 cancellations of surgery.



## Solution Description

<http://life-guard.dk/business-areas/companies/>

**FOUNDED** 2015  
**COUNTRY** Denmark  
**CONTACT** Mikkel Nybo Andersen

[mna@life-guard.dk](mailto:mna@life-guard.dk)

**VIDEO**

LifeGuard is designed to address the health challenge in companies, drive high employee engagement and deliver significant health improvements. The preventive healthcare solution provides easy and affordable access to personal coaching through an innovative platform. The LifeGuard platform merge leading automation principles known from classic Health apps with real human coaching to create an all new product category. The algorithm behind is built on a holistic health approach (Fit, Diet & Mind). It enables the system and our coaches to tailor personal plans for their physical and mental well-being → Personal. Scalable. Affordable. Digital onboarding, smart monitoring of the clients' progress and databased recommendations from the system itself makes each personal coach much more efficient - hence affordable. This is our 'secret' and sweet spot in the market. LifeGuard provides the data needed for addressing the health challenge in companies based upon: 1. A health report and 2. Access to a health cockpit for the ongoing monitoring. A solid foundation for minimising costs related to sick-days and employee inefficiency. LifeGuard appeals to employees: 85% onboard in average the concept voluntary, while 78% are active on the platform and in dialogue with their personal coach after one year.

# LifeView

**FOUNDED** 2019  
**COUNTRY** USA  
**CONTACT** Marcos Athanasoulis

[marcos@lifeview.us](mailto:marcos@lifeview.us)

**VIDEO**

## Solution Description

Just as Yelp helps people select good restaurants for them, LifeView will help people find the best mental and spiritual health resources for them. LifeView is a website that connects users who have mental and/or spiritual health problems they want to address, with the most effective self-improvement resources for them. There is a vast and growing library of mental and spiritual health resources for people, but there is no way to know which resources are scientifically valid and liked by other consumers. The system will cover major 50 topics (such as anxiety, anger, depression, caring for an elderly relative, etc.) and cover many types of resources (such as books, apps, podcasts, videos, etc.). Users can search for the topics that interest them and receive lists of resources with professional and consumer ratings to help them select high quality resources that are just right for them.



## Solution Description

<http://lungpass.com>

**FOUNDED** 2017  
**COUNTRY** Belarus  
**CONTACT** Helena Binetskaya

[helena@lungpass.com](mailto:helena@lungpass.com)

### **VIDEO**

Lung Passport helps detect and manage respiratory conditions based on lung sound analysis which has higher accuracy (93%) than an average MD (62%). Neural networks behind LungPass were trained on one of the world's largest data sets marked up by a panel of Respiratory Professors. Thousands of hours were invested in this work by them - gratis. The app was co-designed with patient groups so that in a stressful time when one needs to evaluate his health state, the instructions and guidance would be clear both for parents worried about their kids prolonged cough, and for elderly patients who might be experiencing exacerbation of their chronic condition. The target is to detect early signs of conditions and/or their exacerbation in advance of evident symptoms. In our study on 100 patients, LungPass picked up fine crackles typical for pneumonia 3 days before the diagnosis was evident from symptoms progression and X-Ray results. The solution strength lies in the market pull. When we come in to the wards to record patients sounds and explain the benefits, their number one question quite often is 'Where can we buy the device?'. Not only for themselves, but for their kids and their parents. It is the next 'thermometer' - something for every family to have. And by making it accessible money-wise (recordings can be done via iPhone or 40\$ stethoscope), we aim to cover a very broad population, aggregating anonymized data into real time world map of disease outbreaks and eventually venturing into preventing the spread of severe cases.



<https://medexo.com>

**FOUNDED** 2012  
**COUNTRY** Belgium  
**CONTACT** Dr. Jan-Christoph Loh

[jan.loh@medexo.com](mailto:jan.loh@medexo.com)

**VIDEO**

## Solution Description

First German complete digital assessment system for medical, legally safe reports on file basis including complete document handling and anonymization. Connection with large reviewer network for all medical specialties. Easy and fast request and status check in specially developed software. Direct processing with document procurement at clinics, doctors and billing companies such as Unimed GmbH. In the case of invoice verification, the complete handling of all contradictions also takes place directly with the biller up to an agreement. Here, the non-disputed amount of the bill can be transferred very quickly (within 10 working days): win-win situation for all involved.



## Solution Description

[www.medicsen.com](http://www.medicsen.com)

**FOUNDED** 2015

**COUNTRY** Spain

**CONTACT** Eduardo Jorgensen de  
Vizcarrondo

[info@medicsen.com](mailto:info@medicsen.com)

In Medicsen we are leading the transformation movement towards personalized non-invasive diabetes treatments, improving control and reducing the cost, tackling the issue by shifting current treatment management. We are developing the first non-invasive artificial pancreas, a closed loop system for the smart management of diabetes by combining an innovative and IP owned non-invasive automatic drug delivery technology (Needle-free Smartpatch), with digital-mobile technology (SW).

The Software allows access to relevant individual data (disease and lifestyle related), Chatbot interfaces and a predictive algorithm (AI) creating a lifestyle coach based on future glucose prediction and individual behaviour intervention. Our cloud-based algorithm gets info from third party wearables and shows predicted glucose levels, providing personalized advice through ChatbotApp, completing the treatment with our needle-less Smartpatch, able to administer the right insulin dose automatically or manually.

We aim to help patients self-navigate the healthcare system and self-manage their own health in an easy-to-use way reducing friction and increasing interaction between patients and the healthcare system. And secondly, to improve the patient's quality of life, disease self-control and education while reducing costs, concern and associated complications, tackling the issue by innovatively revolutionizing diabetes and chronic disease management in a more proactively personalized and self-managed way.

**[VIDEO](#)**



## Solution Description

[www.medifies.com](http://www.medifies.com)

**FOUNDED** 2016

**COUNTRY** USA

**CONTACT** Nate Pagel

[nate@medifies.com](mailto:nate@medifies.com)

**VIDEO**

Medifies delivers an innovative SaaS platform that allows hospitals and surgicenters to send neutral-yet-comforting updates on their loved one during surgery and other procedures. A hospital Chief of Surgery wanted something that helped comfort his patients' families, using their smartphones, freeing them to leave the waiting room or even go home and while letting nurses focus on clinical work. The product also lets him know (like Uber) where they are when he is ready for the family conference post-procedure. None of our competitors are mobile-first, 100% HIPPA-compliant, cloud-based, work outside of the hospital for remote family, multilingual or have GPS to find the family. We all dislike check-in monitors in waiting rooms and airports when we'd rather use our smartphones. If a loved one is having a minimally-invasive surgery across the country, wouldn't you like to get the updates on your couch? Finally, none of other products take the family info for later patient acquisition and population health data analysis. Medifies does all of these things and also is working on a patent portfolio around our light AI, big data analysis and what we call "comfort messages," which anticipate a family user's stress level automatically.





<https://meds2go.nl/>

**FOUNDED** 2017  
**COUNTRY** Netherlands  
**CONTACT** Carla van den Bos

[c.vandenbos@meds2go.nl](mailto:c.vandenbos@meds2go.nl)

**VIDEO**

## Solution Description

Meds²Go develops portable cooling containers for people who use temperature-sensitive medication. Our focus is on medication that must be kept between 2 and 8 ° C. Which is used by children and adults, with chronic diseases like Rheumatism, MS and Hormone Deficiencies. Competitors in this market do not offer adequate solutions. They either provide a short travel time or are electricity dependent. Most patient still use a cooling bag with cooling elements. Our first container guarantees a temperature between 2 and 8 degrees for at least 24 hours, without the need of electricity. The Meds²Go container is lightweight, small and easy to use. It shows the inside temperature on a display. This gives back freedom and security to people. Our container improves the quality of life by giving patients the proper tools to keep their crucial medication cool, allowing them to travel stress free. This travelling includes not only people on vacation but also people going on business trips or taking the grandchildren on a sailing trip. Making it easy to store your medication correctly enhances therapy compliance and reduces spoiling of expensive medication. Using medication in the prescribed way increases health results and improves vitality of all these people.



## Solution Description

<https://medvisit.io>

**FOUNDED** 2013  
**COUNTRY** Spain  
**CONTACT** Andres Lozano

[a.lozano@medvisit.io](mailto:a.lozano@medvisit.io)

Our challenge: An unforeseen health problem can arise at the most inconvenient time, while traveling abroad. Getting the medical care you need in another country, can be a troublesome journey with so many barriers: cultural differences, waiting times, language comprehension and translation. - Our solution: Through our digital solution, tourists and expats receive medical attention at the comfort of their homes or hotels with just one click and in no more than 60 minutes (on-site visits). MedVisit provides medical attention in 4 different languages and after the visit we automatized all the related paperwork to claim a reimbursement from insurance companies. - Our benefits: All the healthcare professionals across the MedVisit platform are part of our medical team, our service is easy, safe and reimbursable by international insurance companies. - Our partners: We currently collaborate with medical centers, insurance companies, and international hotel networks, with notable partners like Mandarin Hotels Group, Fairmont Hotels, United Healthcare, and Emirate Airways. - Our business model: \*B2C (Traveler/expat) -> Fee per visit \*B2B (International HR departments, Insurance companies) -> Monthly fee per employee/member and reduced fee per visit. - Our traction: Over €760K in revenue in 2018. 30 large contracts with key agents of the travel and healthcare sector. More than 250 visits per month just in Barcelona.

**VIDEO**



## Solution Description

<https://memorytracks.co.uk>

**FOUNDED** 2017  
**COUNTRY** United kingdom  
**CONTACT** Gordon Anderson

[gordon@memorytracks.co.uk](mailto:gordon@memorytracks.co.uk)

Memory Tracks is a technology platform that promotes and supports personal behaviour change using the cognitive power of music at the point-of-need. Music has a unique access to the brain, lowering anxiety, depression and agitation, and improving mood. We take reminiscence songs and link them through our app to tasks that need to be carried out during the day; taking medicine, getting dressed, eating, drinking water. Through this Song-Task Association we can improve cognition, reduce forgetfulness and confusion, and support positive behaviour change. Using the Memory Track's app transforms lives; through better self-management, and through a useful and simple-to-use care-tool for care-givers. Using Song-Task Association Memory Tracks delivers the impact at the point-of-need unlike other music services that offer passive listening rather than active care. Memory Tracks began as a music-care platform to support those living with dementia and their carers, and is now exploring other use-cases such as Autism, Huntington's Disease, and wellbeing challenges including Type-2 Diabetes and addiction. Memory Tracks has undergone a University backed pilot study within care homes in North Wales and delivered significant benefits to residents, carers and families. Improvements have been seen as easier personal care, better sleeping, improved eating and more consistent medication.

### [VIDEO](#)



## Solution Description

[www.mindfulgarden.com](http://www.mindfulgarden.com)

**FOUNDED** 2017  
**COUNTRY** Canada  
**CONTACT** Catherine Winckler

[cwinckler@mindfulgarden.com](mailto:cwinckler@mindfulgarden.com)

"When anxiety is lowered, care begins." MindfulGarden is an evidence-based behaviour modification platform to de-escalate anxious and aggressive behaviours associated with a number of chronic disorders. Our first phase product now in clinical studies is an interactive digital 'crash cart' wheeled in to arrest adverse behaviours in the frail elderly with hyperactive dementia and delirium. This product responds to the individual's voice and gesture; phase two products integrate wearable sensors to track the body's vital signs and breath, driving the pace and activity level of calming visualizations onscreen. It's the videogame played by the body, without the individual having to do anything but just BE.

An earlier in-hospital proof-of-concept showed positive results after introduction of MindfulGarden: Patient anxiety and agitation was visibly lessened; all subjects were sufficiently calmed to permit treatment to be initiated without incident; and length of stay was shortened from what was forecast. MindfulGarden is intended to be the tool of 'first reach' in a toolbox that offers few options for caregivers other than psychotropic drugs and restraints or more expensive one-on-one therapies when addressing patients with hyperactive behaviours. A 50-unit evaluation study is scheduled to start Fall 2019, sponsored by the Centre for Aging + Brain Health Innovation (CABHI/Toronto).

### [VIDEO](#)



## Solution Description

[www.mindpax.me](http://www.mindpax.me)

**FOUNDED** 2015

**COUNTRY** Germany

**CONTACT** Tereza Hartmannova

[tereza.hartmannova@mindpax.cz](mailto:tereza.hartmannova@mindpax.cz)

Mindpax is a digital medicine company that is building comprehensive digital therapy for severe psychiatric diseases using new biomarkers, digital phenotyping and long-term monitoring of patients.

The Mindpax system was developed through collaboration with mental health experts and clinicians as well as their patients. Mindpax allows a better understanding of the course of severe mental illnesses (mainly bipolar disorder and schizophrenia), helps patients to become more engaged in their treatment and follow their progress. Properly timed treatment and plausible prevention of the relapses can be reached by continuous remote monitoring of the disease progression as well as the structured visualization of patients' biorhythm/data enhancing their self-management.

Combination of data sources from longitudinal monitoring of movement variability, behavioral patterns and emotional state enables the creation of digital phenotypes (patent pending for bipolar) and digital biomarkers describing objective mood variations from movement information (patent pending for bipolar). The system currently monitors 300 patients in ongoing clinical trial AKTIBIPO 400 (2017 - 2019) for bipolar affective disorder. A schizophrenia monitoring system is in development and the clinical trial for data collection will start during 2019. Early intervention of severe mental illnesses could decrease the severity of the relapse include shortening of costly hospitalizations.

**[VIDEO](#)**



[www.oursmartfuture.com](http://www.oursmartfuture.com)

**FOUNDED** 2015  
**COUNTRY** Singapore  
**CONTACT** Sumit Khemani

[sumit@oursmartfuture.com](mailto:sumit@oursmartfuture.com)

**VIDEO**

## Solution Description

We provide IoT and AI-enabled population-level platform which captures data from wireless medical devices, does analytics and gives instant interventions to users to improve and maintain their conditions. The platform has teleconsultation and marketplace to close the gap between users and health and wellness providers.

The platform is adaptable to numerous chronic conditions. Currently it caters to hypertension, diabetes, obesity, sleep apnea, digestive disorders, alcohol addiction and COPD.



Mitochondrial  
Substrate  
Invention

[www.mitocholine.com](http://www.mitocholine.com)

**FOUNDED** 2014  
**COUNTRY** United Kngdom  
**CONTACT** Larisa Andreeva

[Larisa@mitocholine.com](mailto:Larisa@mitocholine.com)

**[VIDEO](#)**

## Solution Description

We propose to prevent or delay the onset of dementia in general population by developing and producing innovative composition of Mitocholine. Mitocholine is novel ingredient to be added into food and beverages for the regular consumption. Mitocholine, our patented composition, in the daily diet is aimed at maintaining metabolic health in the brain cells. We aspire for Mitocholine to revolutionize cognitive and metabolic health as fluoridation of water revolutionised dental health. Mitocholine in the daily diet will maintain healthy metabolism of the brain cells and will delay and prevent the onset of age-related neurodegeneration, which is characteristic of all types of dementia. Nutritional fortification stands out as one of the public health triumphs of the modern age.



## Solution Description

Muhdo, an epigenetics science company has launched the world's first genetic kit that enables us to monitor our internal wellness and make informed lifestyle and diet choices that will radically improve the quality of our lives. Through quarterly, non-invasive saliva tests, our preventative healthcare kit combines your baseline DNA and your epigenetic gene expression with daily tracking of your mood, environment, sleep patterns, activity level and diet. By studying how your genes respond over time to your lifestyle choices, Muhdo is able to determine your biological age and provide hyper-personalised and sustainable diet, exercise and lifestyle recommendations to improve your physical and mental health and reduce inflammation, hypertension and stress. Our vision is the mass personalisation of preventive and curative healthcare through epigenetics. Prevention is better and more cost effective than cure and inspiring people to develop long-term, healthy habits is good for them and good for society. Muhdo has partnerships with JLT Employee Benefits, Madison, the cycling sports company and the University of Suffolk. We work with elite athletes including Olympic hockey player Sam Quek, Olympic rowing champion Helen Glover and Eddie Hall, the world's strongest man in 2017.

<https://muhdo.com>

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Nathan Berkley

[nathan@muhdo.com](mailto:nathan@muhdo.com)

**VIDEO**





[www.my-vios.com](http://www.my-vios.com)

**FOUNDED** 2017  
**COUNTRY** United States  
**CONTACT** Eleni Theodoridou

[e.theodoridou@sibasoft.gr](mailto:e.theodoridou@sibasoft.gr)

**VIDEO**

## Solution Description

My-vios is an innovative idea introducing innovative technology Because my-VIOS card can be used anywhere in the world (globally), removing all existing geographical restrictions. Because data entry into the card is performed strictly by the Health Provider (not the card owner), ensuring 100% data validity. Because it presents NO hardware or software requirements in regards to data reception or data review Because it is completely and utterly secure. Data Authenticity is ensured and guaranteed 100% (noting that most existing market solutions do not offer database encryption). Because it supports HIPPA and GDPR compliance Because it offers data availability offline. Because it can "read" and process encoded data Because it efficiently and effectively addresses ALL legislative mandatory requirements regarding the protection of sensitive personal information, by releasing data strictly to the data owner following owner's request, noting that there is NO central data repository. Because the card owner can release data anonymously (via an opt out process) to a database for research purposes. Because it can be used as an individual's ID; PHR; Health Emergency Incident Card and more. Because it can connect to a 3D human body map software to become the first Virtual PHR for the individual.



## Solution Description

[www.nabtahealth.com](http://www.nabtahealth.com)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Sophie Smith

[sophie@nabtahealth.com](mailto:sophie@nabtahealth.com)

### [VIDEO](#)

Nabta provides a comprehensive set of digital health services to women, which mirror the health-related challenges and concerns that accompany every major event in their lives; from birth, through puberty, marriage and pregnancy, to parenting, perimenopause and beyond. Nabta's digital platform brings much-needed transparency and access to women. It promises privacy and security to women trapped by a culture of shame and enables them to be proactive about their health. More than simply providing privacy to women, however, Nabta uses proprietary technology to create a "Health 3.0" experience for women, featuring hybrid healthcare provision, personalized health insights from an artificially intelligent healthcare assistant, and blockchain-based Electronic Health Records (EHRs). Nabta's flagship product, Nabta Cycle, allows women to monitor all aspects of their reproductive health including the different phases of their menstrual cycle. Nabta Cycle is integrated with a realtime fertility monitor for 99% accurate ovulation prediction, detection of anovulatory cycles, and alerts regarding potential fertility issues. The fertility monitor is FDA-approved and CE-certified. Nabta uses proprietary technology to create a "Health 3.0" experience for women. What this means is that we are innovating simultaneously in two fields: in the medical field, with our R&D and smart medical devices, and in the technology field, with our hybrid healthcare provision (in-person consultations + telehealth), blockchain-based PHRs and our MI/AL healthcare assistant. In addition to this, Nabta intends to be at the forefront of personalized (genetic) medicine and disrupt even traditional healthcare service providers using gene editing techniques such as CRISPRs/Cas 9 that will prevent or cure diseases such as cystic.



## Solution Description

The average lunch is now just 22minutes and 85% of British people want to eat more healthily, but lack of time and our increasingly busy lives is often the biggest restriction. Nutrifix is here to change that. We are a visionary start up that is on a mission to take away the stress of healthy eating. We challenge the way things are, and are here to make personalised nutrition a reality - by putting people's diets on autodrive. We deliver this through a unique and flexible corporate wellness platform that provides a personalised weekly meal plan from local restaurants, that they can order for collection or delivery; all tailored to their nutritional needs and health goals.

We transform data and knowledge into daily personalised and actionable dietary recommendations. Empowering employees to live healthier and better lives and the convenience of delivery to make it achievable and realistic. Companies are seen to be prioritising their employees health and wellness from a healthy virtual staff canteen, and can use 'food as a benefit' to attract and retain the best employees.

[www.nutrifix.co](http://www.nutrifix.co)

**FOUNDED** 2017

**COUNTRY** United Kingdom

**CONTACT** Joel Burgess

[joel@nutrifix.co](mailto:joel@nutrifix.co)

**VIDEO**



[www.ohmymood.com](http://www.ohmymood.com)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Jaime Essed

[jaime@ohmymood.com](mailto:jaime@ohmymood.com)

**VIDEO**

## Solution Description

Oh My Mood has shaken up the way mental health care is provided by introducing a 'blended care' approach. The business develops pathways in which traditional face-to-face therapies are supported by digital solutions. Oh My Mood provides patient-centric mental health care pathways that are modular and holistic so that treatment programmes can be tailored and adapted to each individual service user's needs. For example, healthcare practitioners can include lifestyle modules in individual care plans to tackle issues such as unhealthy eating, addiction disorders or lack of physical exercise - all of which are a known cause or effect of mental health problems. Oh My Mood's blended care pathways improve the quality of care and make mental health therapy scaleable and more efficient. It additionally eases the strain on care practitioners without adding pressure on NHS budgets.



[www.onthemend.com](http://www.onthemend.com)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Wesley Fogel

[wesley@onthemend.com](mailto:wesley@onthemend.com)

**VIDEO**

## Solution Description

On The Mend is the world's first cloud-based platform that integrates an anonymised health social network and commercial rewards into a tailored plan for physical rehabilitation. We replace generic paper or video instructions with personalised health information and exercise videos made with the patient's phone while they are meeting with their therapist, incorporating appropriate goals and reminders. Users can earn rewards for keeping up with their tailored exercise plan and generate these even faster by working together with other relevant people in a similar situation towards a shared challenge. We are also designing a time-saving web portal for healthcare professionals to enable better communication with colleagues and allow real-time remote monitoring of their patients pre- and post-surgery as well as those for whom surgery may not be an option. Despite some established mobile health competitors, our strategic decision is to focus innovation around patients actively using their smartphone, instead of this device passively receiving prescribed content. We believe the market is ready for this patient-centred approach given that two billion people globally now owns a smartphone, creating a more engaging, consumer-oriented experience with the ability to generate rapid mass-market appeal; something not yet achieved by market incumbents.



[www.operationskollen.se](http://www.operationskollen.se)

**FOUNDED** 2018  
**COUNTRY** Sweden  
**CONTACT** Jesper Hessius

[jesper@operationskollen.se](mailto:jesper@operationskollen.se)

## Solution Description

Operationskollen empowers and supports patients throughout the process of undergoing surgery. Helping health care providers to shorten lengths of stay, decrease cancellations and improve outcomes. Operationskollen (translation Surgery Tracker) is a mobile application that supports the patient and his/her relatives throughout the process of undergoing surgery - From the time the operation is scheduled and on to the post-operative rehabilitation. The app is free to use for patients and their support networks, it's easy to set up, just chat with our friendly bot, and the colorful high contrast interface presents the information relevant to the user in an individualized, bite sized fashion, keeps track of e.g. preparations, reminds user to perform tasks and integrates directly with the user's calendar. By integrating directly with Health Care Providers (HCPs) we create the highly specific tools necessary for them to empower their patients. Patients that are engaged, motivated and active don't just feel safer and happier, they provide room for HCPs to work smarter. By reducing the number of patient related pre treatment errors cancellations are brought down, and by moving pre operative routines and post operative rehab from the hospital setting to the home setting the lengths of stay is brought down.

**[VIDEO](#)**



[www.optonome.com](http://www.optonome.com)

**FOUNDED** 2014  
**COUNTRY** United States  
**CONTACT** Dennis Dicker

[hello@optonome.com](mailto:hello@optonome.com)

**VIDEO**

## Solution Description

Optonome is considered the Airbnb of home healthcare because of its easy to use mobile, communication, training and management features that help; homeowners receive more rent, healthcare agencies receive more referrals and creates affordable housing incentives plans with amenities for those in need.



[www.mfore.fi](http://www.mfore.fi)

**FOUNDED** 2013  
**COUNTRY** Finland  
**CONTACT** Rajive Acharya

[rajive.acharya@mfore.fi](mailto:rajive.acharya@mfore.fi)

## Solution Description

Disconnect between healthcare provider and patient's in-between encounters during patient pathway causing poor care outcome and wasted care. Our offering helps providers to be in continuous dialog with patients even beyond the care setting to improve care outcome, reduce care cost, enhance care experience and strengthen patient relationship. The solution is easily adaptable to the specifics of care process of healthcare provider and demographics of target patient population. The solution can be utilized in the whole care continuum – prevention, diagnosis, treatment and follow-up care. The solution can be utilized in the whole spectrum of treatment specialties offered by the healthcare provider. Our customers are using the solution in oncology, ophthalmology, paediatric, pre- and post-natal, diabetology, dental specialties.

**VIDEO**





## Solution Description

Pharmawizard is a digital healthcare solution that empowers citizens to better manage their day-to-day health through user-friendly virtual services such as smart drug and symptom research, comparison, therapy management and communication with pharmacists and doctors. Pharmawizard stands out from other digital health solutions because its services offered in a B2B2C model are scalable at an exponential level without incremental costs. Through white-label integrations, insurance companies and healthcare providers can use Pharmawizard services to manage patient care, improve customer engagement and collect valuable information to create other new data-driven services and/or solutions. Pharmawizard draws on official, big and open data sources and uses a hybrid technology approach including a Semantic Search Engine, Natural Language Processing (NLP), Machine Learning, Information Retrieval and Ontology-based techniques. To elevate the value of our impact Pharmawizard has always combined its technological efforts with a constant research and development of a best UX experience and design.

[www.pharmawizard.com](http://www.pharmawizard.com)

**FOUNDED** 2015

**COUNTRY** Italy

**CONTACT** Riccardo Emmolo

[r.emmolo@pharmawizard.com](mailto:r.emmolo@pharmawizard.com)

**VIDEO**

# PRANAWAVE

## Solution Description

Pranawave is a digital therapeutic wellness app that uses Heart Rate Variability biofeedback (HRVBF) to train physiologic, emotional, and cognitive health. We have transformed the smartphone camera into a clinical-strength tool, making HRV biofeedback radically accessible to the hundreds of millions of people that can benefit from stress management. Our method of "resonance breathing" amplifies an individual's inner neurovascular rhythm, which balances information flow along the vagus nerve (in the belly, chest, and head). It is a universal medicine because it irons out stress at the root, strengthening the immune system, digestion, cognitive performance, emotional regulation, and meditation. Over 30 years of clinical research on HRVBF show significant benefits with depression, anxiety, PTSD, hypertension, chronic pain, inflammation, insomnia, and cardiovascular and respiratory disorders. Research also shows that children and seniors benefit equally, so age is not a limiting factor. Pranawave delivers a clinical-strength experience with an elegantly simple interface, using patented color and sound feedback.

<http://pranawave.app>

**FOUNDED** 2015

**COUNTRY** USA

**CONTACT** David Lowenfels

[david.lowenfels@gmail.com](mailto:david.lowenfels@gmail.com)

**VIDEO**



## Solution Description

<https://pocketstressbuster.com/>

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** Victoria Walford

[victoria@pocketstressbuster.com](mailto:victoria@pocketstressbuster.com)

### **VIDEO**

Pocket Stress Buster (PSB) is an evidence based award-winning online tool to manage unwanted emotion and stress. It is unique in that it works with both sides of the brain allowing for different user ability and thinking styles. There is more; it is an online club deigned to enhance life offline with a private community and access to therapists should help be required. PSB is about making people happier and enabling them to achieve their life goals at home and work. This is a tool for employees, consumers, students and parents (to teach their children) about how to manage stress. Furthermore PSB has the potential to help a massive audience with limited resources (e.g. charities and international aid). There are so many evidence based ideas for PSB that I can't wait to share the knowledge in a way that has not yet been done...



[www.reducept.com](http://www.reducept.com)

**FOUNDED** 2017  
**COUNTRY** The Netherlands  
**CONTACT** Margryt Fennema

[margryt@painrelievr.com](mailto:margryt@painrelievr.com)

## Solution Description

Reducept has one mission: to reduce the pain of people. And with millions of people seeking help, we're on our way to reach them. We do this through a Smartphone and Oculus app with "guided pain management" – a Virtual Reality experience where a chronic pain expert leads patients on a journey through the body to learn and manage pain. Patients can access and download the app via our webpage.

The Reducept's app is designed for all Chronic Pain symptoms. It expects that a patient have never had pain education and management before and that they may not understand that Pain is a product of the brain, that they can influence. The goal is to teach patients the foundational aspects of pain management in the first 7 days of using the app.

**VIDEO**



## Solution Description

[www.respondapp.co](http://www.respondapp.co)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Callum Bramley

[callum@respondapp.co](mailto:callum@respondapp.co)

Stroke and dementia patients often show symptoms of being unable to name objects around the house. More importantly, they can struggle to recognise their own friends and relatives. With tablet use increasing in the elderly generation, and AI solutions becoming more readily available, we can design apps that are able to alleviate these symptoms. RESPOND utilises this technology, allowing a patient to take a photo using their mobile device and feed back to the user what or who that is. This feedback can either be by text or voice, to add to this, the user interface has been specifically designed with the elderly in mind, ensuring that it is both simple to use but capable of performing complex AI tasks. This app has already placed as a finalist in global tech competitions as well as being accepted onto the medical technology accelerator HS. Build. The data collected from the app can be used extensively in dementia research. For a simple example, if 90% of the photos searched for contain the colour red, we know that there is a strong link between this wavelength of light and recognition in dementia patients which could lead to huge breakthroughs into dementia research.

### VIDEO

# Rosie

[www.hypnobirthingworks.co.uk](http://www.hypnobirthingworks.co.uk)

**FOUNDED** 2018  
**COUNTRY** United kingdom  
**CONTACT** Rosie Goode

<https://www.therosieapp.com/>

## Solution Description

Lack of control and fear of childbirth result in longer, more difficult births, and mental and physical problems post natally. In a recent survey 35% of UK women reported their birth as "traumatic". Much of this trauma was preventable. Of 400m births pa globally, some countries report 80% CS rate. Babies born by CS will result in microbiome/immune system negatively impacted. Informed, confident decision making puts women back in control of their experience: reduces trauma, reduces pelvic floor problems, incontinence ; improves bonding between mother/baby (breastfeeding/ attachment). The Rosie App (developed by Award Winning tech team) - a personalised , positive pregnancy and birth coach provides a proven, effective toolkit for calmer, confident pregnancy, birth & beyond. Rosie's Expert team provides trusted evidence based information - curated knowledge base - underpinned by latest research. Chat bot Rosie - delivers personalised coaching, proven breathing, relaxation techniques. Link fitness tracker puts women in control of information. Empowering and equipping women & partner in pregnancy/ birth for a more positive experience and memories to treasure.



[www.sleepcogni.com](http://www.sleepcogni.com)

**FOUNDED** 2015  
**COUNTRY** United Kingdom  
**CONTACT** Joseph Hawkins

[joe@sleepcogni.com](mailto:joe@sleepcogni.com)

**[VIDEO](#)**

## Solution Description

The SleepCogni system provides an innovative technological solution to this problem using remote patient monitoring, diagnosis and treatment. Over the last three years SleepCogni has designed, developed and patented an in-home monitoring and biofeedback system which combines a first-in-class wearable and bedside medical device with artificial intelligence (AI). The system will provide support to sleep clinicians enabling a fully informed diagnosis, deliver personalised treatment through biofeedback and monitors adherence. SleepCogni provides sleep clinicians with longitudinal in-home assessments of patients, through accurate physiological, behavioural and environmental data. Combining this with other important personal information in an online dashboard for clinicians, allowing for a fully informed diagnosis of insomnia and enable clinicians to identify co-existing health and sleep problems. SleepCogni's AI will enable personalised treatment of insomnia utilising effective aspects of CBT-I and a wealth of other features based on scientific literature, summarised in our whitepaper that references 169 scientific peer-reviewed papers. True personalisation is only possible through accurate longitudinal measurements of individuals, combined with digital innovation via advanced AI, predictive modelling and data visualisation. The biofeedback treatment allows the patient to wind down actively, distracting from intrusive thoughts, thereby inducing sleep naturally whilst feeling secure and in control.



[www.tarsiomedics.com](http://www.tarsiomedics.com)

**FOUNDED** 2017  
**COUNTRY** Spain  
**CONTACT** Miguel Angel Cervantes

[macervantes@tarsiomedics.com](mailto:macervantes@tarsiomedics.com)

## Solution Description

The Obstructive Sleep Apnea (OSA) is a chronic disease that afflicts approximately 100 million people worldwide, around 9% of the adult population. Unfortunately, 80-85% of citizens with this serious disease still remain undiagnosed. Sleep Apnea has serious medical consequences because it has been proved to increase the risk of suffering heart attacks, strokes, infertility, arrhythmia, and circulatory diseases. In addition, it is also economically costly. In US alone, the estimated economic cost of undiagnosed OSA is \$149.6bn, due to workplace accidents, motor vehicle accidents, lost productivity, and comorbid diseases. The diagnosis of OSA is typically made after a polysomnography (PSG) which requires an overnight stay in a sleep unit, wired to up to 15 different devices. This test is expensive, time consuming, requires specialized technicians and it is extremely invasive for the patient. At Tarsio Medics we have been working during the last 10 years, in close collaboration with the Pneumology unit of the Hospital Germans Trias i Pujol to develop, and clinically validate, SleepWise technology. SleepWise is a patented system for the exploration and diagnosis of Obstructive Sleep Apnea based on image processing and artificial intelligence, simple to use, non-invasive for the patient, and cheaper than current solutions.

### [VIDEO](#)





[www.span.health.com](http://www.span.health.com)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Patrick Samy

[patrick@span.health](mailto:patrick@span.health)

**VIDEO**

## Solution Description

We reverse type 2 diabetes with nutritional ketosis in 12 weeks. Our approach is designed to create a feedback loop that maximizes patient engagement during the program. We measure blood glucose and ketones to get a picture of the metabolic state of the patient. A nutrition plan is established automatically based on this information and patients parameters (height, weight, ...). Finally, doctors and nutritionist support the patients throughout the steps of the program in the app.



## Solution Description

A diabetes management platform that improves the lives of people with diabetes and the work of their care providers. We focus on both the clinician and the patient alike. At one end of the solution we have a smart platform that allows clinicians to monitor patients remotely, change parameters and communicate with patients online. On the other end we have an app that helps patients take care of themselves on a community based approach. We are a multi-faceted product, combining a SaaS platform for health providers with an app for patient self-care and treatment adherence. Our uniqueness has to do with our commitment to transform diabetes management together with patients and clinicians. This commitment is reflected in our two main values propositions: universal compatibility and peer community. We believe in being hardware-agnostic. Our platform provides data-driven insight into a patient's daily habits and glucose patterns with one dashboard that gathers data from multiple sources and standardizes the information for the care team. We believe in the importance of peer groups to improve outcomes and create much-needed community for patients. Our upcoming community feature will help people with diabetes feel less alone, improve adherence and be active agents in their care.

[www.socialdiabetes.com/en](http://www.socialdiabetes.com/en)

**FOUNDED** 2013  
**COUNTRY** Spain  
**CONTACT** Ikuska Sanz

[ikuska@socialdiabetes.com](mailto:ikuska@socialdiabetes.com)

### [VIDEO](#)



<https://swaf-ece.herokuapp.com>

**FOUNDED** 2015  
**COUNTRY** France  
**CONTACT** Cyril Chatelin

[cyril.chatelin@edu.ece.fr](mailto:cyril.chatelin@edu.ece.fr)

**VIDEO**

## Solution Description

We're offering a unique solution to office workers to monitor their hydration follow-up and there is no concurrence in our sector. We designed a glass-holder with the purpose not to be intrusive and constraining. In other words, our product can easily be placed in a work environment like an office. You can also use any glass, cup or flask you want which allows you to use your favorite container. Finally, we want to include a game aspect with achievements and trophies system in order to motivate people to use our product and services. Last but not least, our goal is to have a sustainable change in the lives of people. In other words, we want people to get good hydration habits so the risks when they will get older will be significantly reduced. Indeed, with global warming we have to take care more and more of our hydration and we tend to lose thirst when we get older.

# The fastest of the world medical device for dentistry

## Solution Description

The conventional periodontal exam is taken in order to detect the periodontal bacteria and check the bleeding on probing. But at this point, patients are already suffering from a periodontal disease so it is too late. And there's a big difference in probing data depending on dentists' abilities. Even If the check-up results came back negative previously, you might test positive and irreversible for next time due to the outdated procedure. My device focuses on the biomarker released by gingivitis, which is a preliminary stage of periodontitis and applies materials that detect it by using only human saliva. Then you can discover the risk of periodontitis at an earlier stage. Furthermore, it doesn't go through the culturing process of bacteria, we can get accurate data without contamination.

**COUNTRY** Japan

**CONTACT** Daisuke Tanaka

[viamonte1114@yahoo.co.jp](mailto:viamonte1114@yahoo.co.jp)

**VIDEO**

# The WAYBACK

## Solution Description

[www.thewaybackvr.com](http://www.thewaybackvr.com)

**FOUNDED** 2019  
**COUNTRY** United Kingdom  
**CONTACT** Dan Cole

[info@thewaybackvr.com](mailto:info@thewaybackvr.com)

The Wayback is a virtual reality 360 degree film series, designed to immerse the viewer in the sights and sounds of positive & evocative moments from the past.

People don't just remember their past memories, they feel the emotions that went with them. So, for somebody living with dementia, The Wayback offers a new way to trigger those lost memories and evoking the happy feelings that go with them, sparking precious conversations with loved ones and carers.

These connections are so important to combat the isolation and loss of self-worth that people begin to feel as the disease takes hold.

Our approach does not use computer graphics or existing footage, but instead every last detail is painstakingly re-created and filmed on 360 film, directed by an Emmy award winning film director.

This means that rather than relying on one or two potential memory triggers, such as a piece of music or a photograph, we are able to place literally hundreds in every scene.

No other VR has ever recreated the past in such rich, immersive detail for people living with dementia. The Wayback was recently awarded the UK Challenge prize for Dementia, in association with The Alzheimer's Society.

### [VIDEO](#)



## Solution Description

<https://treatmeout.com>

**FOUNDED** 2018  
**COUNTRY** Greece  
**CONTACT** Hara Pylarinou

[pylarinou@systserv.com](mailto:pylarinou@systserv.com)

### [VIDEO](#)

TreatMeOut is a medical-oriented system (cloud platform and mobile app) designed to support non-invasive mobile healthcare monitoring and active assisted living. It has been designed and developed with innovative algorithms to become a multidisciplinary system for recording and monitoring healthcare variables (HR, HRV, mini health folder, Spot a Stroke, Fall Detection etc.) and a number of relative biomarkers (RR, SDNN, rMSSD).

TreatMeOut core is based on a smart subsystem capable of analyzing big data received by the sensors of typical smartphones, providing indicators concerning critical healthcare parameters. This core shares logic (e.g. HealthCare status responses) across users and builds a dominant part of logic "in the cloud" at Backend Cloud Server using an innovative web tier.

Unlike measuring only resting heart rate (HR) which is an imprecise mix of multiple interconnected health parameters, TreatMeOut measures also HRV which allows monitoring changes in the timing of each heartbeat. HRV is also a critical biomarker relative to several severe diseases e.g. myocardial infarction, diabetes and myocardial dysfunction.

Our clinical trials have proven that the TreatMeOut™ system can be a valid and cost-effective supplementary method to monitor healthcare status anytime, anywhere particularly useful for wide public (patients, athletes, elderly, health-concerned people).



## Solution Description

TOMMI is the first product of Softcare Studios, a digital health startup focused to leverage the benefits of immersive technologies (VR) and innovative tracking methods in healthcare and wellbeing. TOMMI is a VR gaming experience designed in collaboration with doctors and psychologists to reduce clinical anxiety and pain in pediatric patients during stressful medical treatments. Thanks to immersion provided by virtual reality, the game distracts children from unpleasant emotions, improving their therapy experience while involving also their parents in collaborative gaming sessions and helping doctors speeding up their work routine. Game mechanics and interactions are developed to engage but also to test children stress and psychomotor skills, collecting meaningful data useful to track patients wellbeing conditions and improve the positive outcomes of the intervention. TOMMI is provided as a not invasive, drug free and totally digital solution to help children cope with therapy while improving healthcare efficiency.

<https://www.tommigame.com>

**FOUNDED** 2017

**COUNTRY** Italy

**CONTACT** Valentino Megale

[info@tommigame.com](mailto:info@tommigame.com)

### **VIDEO**



## Solution Description

[www.triagestat.com](http://www.triagestat.com)

**FOUNDED** 2017

**COUNTRY** USA

**CONTACT** Ram Gopalan

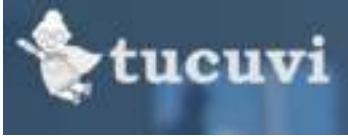
[ramgopalan@argusoft.com](mailto:ramgopalan@argusoft.com)

TriageStat is a smart Phone based secure, HIPAA compliant, configurable, structured clinical messaging platform for Physicians and Nurses to collaborate effectively, make informed decisions, leading to connected care and enabling the healthcare continuum in Hospitals, Physician Groups, Skilled Nursing Facilities, Assisted Living and Home Health. Physicians can configure structured checklists for Nurses to mimic their train of thoughts on assessments while Nurses can configure templates for standard workflows, thus minimizing errors and delivering quality.

TriageStat can:

- Improve your hospital's communications and stop making patients pay the price for communication failures – (30% of malpractice lawsuits)
- Hospitals need a complementary system to the EHR that enables messaging and collaboration among all members of the care team to support the real-world communication needs of physicians & nurses
  - Care team coordination: Manage communications involving patient handoffs, admission requests, information exchanges with remote physicians
  - Situational awareness of key events: Make sure the right team member is informed of patient events with actionable information and accountability
- TriageSTAT structured messaging mimics the Physician's train of thoughts to minimize errors and minimize training/in-service





## Solution Description

[www.tucuvi.com](http://www.tucuvi.com)

**FOUNDED** 2019  
**COUNTRY** Spain  
**CONTACT** María González Manso

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### [VIDEO](#)

Currently, there are two extended solutions to improve elderly independence and confidence while living at their own home: traditional indoor telecare systems, based on the panic button, totally reactive, and other solutions based on emergency calls to preselected contacts and geolocation, some including reminders for the senior through digital devices. This is great, but is it enough? What about how the person is feeling? What about what we cannot measure with sensors, like loneliness? And what about the families? Tucuvi does not only provide a smartwatch with the latest sensor technology, capable of measuring pulse, tension and oxygenation among others, but also Cuvi, a virtual carer which will support, supervise and listen to the needs of the elderly and their caregivers. All the data from the smartwatch and the virtual carer is analyzed by our smart algorithms to provide the families with real time data and proactive alerts if something may be wrong. Also, the family can send reminders to the elderly through Cuvi. Tucuvi is the first reactive and proactive voice, AI-powered, virtual caregiver that simultaneously monitors and supports your loved ones as they age-in-place, and provides real-time alerts, daily reports and peace of mind to the caregivers.

# Ubiqair

## Solution Description

**COUNTRY** Sweden  
**CONTACT** Donnie Lygonis

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Ubiqair is a stylish table decoration that measures the air quality and changes color accordingly. It combines Swedish tech with Swedish design, turning an aesthetically pleasing object into an air quality monitor, and more of them networked together with each other can track the health of an office floor, a building or an entire company with offices worldwide. It's difficult to know that your board room air you're breathing is bad for you once you've been there for a while, and slowly deteriorating as time passes. Meeting, workshops and strategic discussions of all kinds benefit from having access to good air quality, and in these times of social sustainability and awareness, being on top of the work climate also means better meetings, happier employees and less sick days all around. We are now also looking into equipping Ubiqair with more sensors to find and measure contaminants, meaning we can track and trace illness, in the workplace as well as public spaces like public transport, lavatorie etc.

## VIDEO



[www.tvphone.cloud](http://www.tvphone.cloud)

**FOUNDED** 2017

**COUNTRY** Italy

**CONTACT** Roberto Manenti

[ctconsulting68@gmail.com](mailto:ctconsulting68@gmail.com)

## Solution Description

Through the innovative integration between TV and telephone, it was possible to transform a technology already used and known, the home TV, in a powerful and easy interactive communication platform. • When the normal means of communication are not enough to get in touch with the recipients, TV-PHONE connects with the TV. • If the Television is in standby, TV-PHONE technology turns on the TV, allowing to deliver the SMS message or the phone call. • If a family member is watching the TV, TV-PHONE changes the channel and forces him to answer the phone call or SMS message. The TV-PHONE is patent pending.

### VIDEO

# UPGRADE

## Solution Description

We are UPGRADE. Our name is an extension of our vision and philosophy— create a modern digital healthcare service that will improve our user's health and upgrade their overall wellbeing. We wanted to offer our users evidence-based data on their health so they could adjust their lifestyle to what science says, but we didn't stop there, we want to assist our users on making the right adjustments to their lifestyle such as feel, handle stress, eat, sleep, exercise better. Hence, we started Upgrade. Upgrade provides a platform that provides health analyses online through semi automatized medical history check, validated self evaluation, blood analyses and helping our clients with setting directed goals with focus on risk factors. Through our platform we give evidence based recommendations from our board certified doctors. We also provide through partnership add ons, wearables and applications that will help to upgrade their health further.

<https://www.upgradeapp.se>

**FOUNDED** 2019  
**COUNTRY** Sweden  
**CONTACT** Shoresh Moradi

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**VIDEO**



[www.urologicltd.com](http://www.urologicltd.com)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Nawar Al-Zebari

[nawaralz@hotmail.com](mailto:nawaralz@hotmail.com)

**VIDEO**

## Solution Description

Urologic's aim is to improve on the Foley catheter with a more efficient design, lower risk catheter called NuCath. NuCath fits easily with current procedures without the need for additional training, costs or changes to practices. This product will follow similar clinical procedures to the Foley catheter, allowing immediate introduction and fast uptake. Introducing the NuCath into the NHS will not only reduce NHS expenses associated with catheter infections but also increase patient comfort. It is unique in a sense of using shape memory materials to activate the catheter rather than a balloon. This, therefore, allows for a more efficient design to increase bladder drainage and reduce bladder blockages and infections.



<https://uvisio.com>

**FOUNDED** 2015  
**COUNTRY** Netherlands  
**CONTACT** Larisa Kryuchkova

[larisa@uvisio.com](mailto:larisa@uvisio.com)

**VIDEO**

## Solution Description

UVIsio is a new way to enjoy the sun without health complications. With UVIsio clip that connects to the smartphone, you know how much you get and when you need to take action. Our proprietary skin assessment technology, supported by advanced imaging algorithms and AI, allows to determine a skin sun sensitivity with just a couple of clicks in the app and create personal sun protection plan, notify right on time about necessary sun protection measures and offer skin care tips.



## Solution Description

[www.unhindr.com](http://www.unhindr.com)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Ugur Tanriverdi

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Unhindr is an adaptive wearable robotics company and develops soft robotic products for medical and non-medical applications.

Unhindr has been selected one of the best 15 innovative start-ups in 2019 by the EU's European Institute of Innovation and Technology and raised £1 million in the first year, with a partnership with GE Healthcare, Imperial College London, Cap Digital and the UK Government's Department for International Trade. The start-up is getting ready for clinical trials and looking for clinical collaborations and investments for 2020.

**Problem & Solution:** Human body changes shape throughout the day, but prosthetic fittings cannot; because they are made of hard plastics to carry bodyweight. Because of the hard plastics, fitting sockets are hand-made to ensure the best fitting. However, 75% of amputees are unhappy with their prosthetics because when the leg changes shape, the custom-made socket does not fit anymore, and the hand-made curves start rubbing on skin. Constant rubbing causes painful and bleeding chronic wounds as well as ulcers. Replacing the prosthetic socket is currently the best solution but socket change occurs 4\* times every year for the rest of amputees' lives. (\*One socket replacement costs £3,500 and takes days to make one.) Although there are some recent developments in shape changing prosthetics, which are electronically/mechanically adjusted by shoelace-like structures, they are not suitable for all amputees. Amputees mostly wear rubber liners (socks) to change the leg volume/shape manually. I am developing an AI controlled adaptive liner which is soft and fits regardless of the shape of a leg. Its sensor technology reads real-time data from the leg to change shape by inflating/deflating. It can work with existing systems and turn any non-adaptive socket into an adaptive one to improve comfort.



## Solution Description

[www.vagenie.co](http://www.vagenie.co)

**FOUNDED** 2016

**COUNTRY** USA

**CONTACT** Julia Rose

[julia@vagenie.co](mailto:julia@vagenie.co)

How can women enjoy their lives to the fullest when 2 in 3 women globally experience pelvic disorders such as stress incontinence, sexual dysfunction, prolapse, and lower back pain? Due to shame, embarrassment, and a general lack of education, women often suffer in silence. And here in America, our healthcare system has done a poor job providing women with the information and support they need. The VaGenie is a patented, connected pelvic floor muscle training solution that teaches women how to effectively strengthen their pelvic muscles to prevent or ameliorate pelvic disorders such as incontinence, prolapse, hip and back pain and sexual dysfunction. By gamifying the exercises and tracking progress, the VaGenie takes typically boring and difficult Kegels and makes them fun, engaging and effective. This type of biofeedback training is proven highly beneficial, and a strong and healthy pelvic floor not only improves quality of life but also significantly reduces the cost of care to healthcare payers by avoiding expensive surgery and maintenance options. The VaGenie is a patented, connected pelvic floor muscle training solution that teaches women how to effectively strengthen their pelvic muscles to prevent or ameliorate pelvic disorders. By gamifying the exercises and tracking progress, the VaGenie takes typically boring and difficult Kegels and makes them fun, engaging and effective. This type of biofeedback training is proven highly beneficial. A strong and healthy pelvic floor not only improves quality of life but also significantly reduces the cost of care to healthcare payers by avoiding expensive surgery and maintenance options. In fact, the savings are so significant that in France the national healthcare system provides and pays for a form of biofeedback pelvic training to all women who give birth. The VaGenie technology is patented and on a mission to not only address a vital fitness need, but also normalize the conversation around women's health.

### [VIDEO](#)





## Solution Description

[www.vinehealth.ai](http://www.vinehealth.ai)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Rayna Patel

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### **VIDEO**

VineHealth is a digital ecosystem that uses artificial intelligence and patient-generated data to optimise care delivery and drive behavioural changes to increase cancer patient survival. Global cancer rates are rising by 70% by 2040. In the UK, 1 in 2 of us will get cancer. Lesser known is the fact that patient behaviours (e.g. drug-taking, exercise, diet) account for up to 60% of outcomes. Yet, self-management remains prohibitively difficult for patients. Our mobile platform helps those with cancer to collect, track and visualise data about their care. We intelligently integrate data on symptoms, side effects, medications and appointments with lifestyle data (exercise, sleep, diet and more) from smartphones and wearable devices. Evidence shows that if patients can just effectively track their symptoms, survival can increase by up to 20%. VineHealth uses AI to understand patterns in the data (for example, identifying the drug likely to be responsible for a side effect, quantifying anti-nausea medication needed or identifying days during chemotherapy on which patient might expect to feel most tired and need support). Using these insights, we deliver personalised interventions that nudge behaviour change to improve outcomes and directly deliver the patient value that is missing from the current market.



## Solution Description

There are 17million people living with musculoskeletal (MSK) issues in the U.K. The fundamental step to successful treatment and positive outcomes is accurate assessment of the patient. Currently, clinicians don't have the tools they need to do that and must rely on their sight alone to estimate measures for these conditions. This leads to subjective and insensitive information for decisions and leaves the patient almost completely out of the loop because the information isn't captured in an understandable or accessible format. At my company Vitruve we are developing computer vision and inertial sensor based systems to accurately and quantitatively measure patient motor function. We not only provide this information for decisions but are creating a dataset that has never existed before and through machine learning can provide decision support with predicted patient outcomes. There is a lot of companies developing great technology to help rehabilitate musculoskeletal patients, particularly in gamified rehabilitation. But that approach misses the fundamental step of clinical assessment on which treatment and rehab is based. That is Vitruve's differentiator. Our goal is to enable people to engage with their own musculoskeletal health and using our predictive assessment, intervene before issues with motor function become debilitating.

[www.vitruvehealth.com](http://www.vitruvehealth.com)

**FOUNDED** 2017  
**COUNTRY** United Kingdom  
**CONTACT** Shane Lowe

[shane@vitruvehealth.com](mailto:shane@vitruvehealth.com)

### [VIDEO](#)



[www.vooiage.com](http://www.vooiage.com)

**FOUNDED** 2018

**COUNTRY** Spain

**CONTACT** Ana Carolina Guglielmi

[info@vooiage.com](mailto:info@vooiage.com)

## Solution Description

VooiageFisio is an engaging physiotherapy solution based on virtual reality, gamification & data analytics. It's a VR rehabilitation system for physiotherapists treating patients suffering from musculoskeletal disorders. Our unique system features interactive gamified exercises and full body tracking. It allows physiotherapists to collect recovery data that hasn't been quantified before, which enables them to adapt data driven therapy to provide better treatment to their patients. The patients benefit from an engaging and entertaining therapy that leads to higher compliance and faster recovery.

**VIDEO**



## Solution Description

Globally, there are over 50 million people who suffer from dementia and this figure is predicted to grow 204% to 152 million by 2050. People with dementia suffer from memory loss, anxiety and have difficulty with thinking. VR Revival is multi award-winning health technology start-up tackling this problem by using a virtual reality application that provides 360-degree immersive content of familiar and peaceful scenes and music, where patients or their carers have access to culturally appropriate resources for effective reminiscence therapy. We also have an education room where patients and care givers can learn more about the disease and where to get help. We are the first VR solution that also caters to the Black and Ethnic Minority communities and our Founder Mansata Kurang was named Top 10 People Champion by Sunday Times and Top 100 innovators by Maserati 100. She was also named Entrepreneur of the Year 2019 by Women in Technology World Series. VR Revival completed a successful beta pilot with the Hestia Group and Selhurst NHS Centre in the UK and launched a successful Dementia Awareness campaign with the BBC World Service to help raise awareness of dementia in low-and-middle income countries. Our goal is to break down the stigma associated with the disease by empowering dementia patients with emerging technologies that can bring joy into their lives and help alleviate some of the anxiety, loneliness and depression that comes with the disease.

[www.vrrevival.co.uk](http://www.vrrevival.co.uk)

**FOUNDED** 2018  
**COUNTRY** United Kingdom  
**CONTACT** Mansata Kurang

[hello@vrrevival.co.uk](mailto:hello@vrrevival.co.uk)

### [VIDEO](#)



[www.vuidiagnostics.com](http://www.vuidiagnostics.com)

**FOUNDED** 2018  
**COUNTRY** United kingdom  
**CONTACT** Simon Rabinowicz

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**[VIDEO](#)**

## Solution Description

At VUI Diagnostics we can help anyone, anywhere detect retinal diseases earlier. Our solution is a device system that will make retinal imaging affordable, easier and faster. VUI is a portable medical device and software for smart, low-cost digital retinal photography and analysis in the community. Thanks to the acquisition of a full digital retinal image, we can significantly increase diagnostic certainty - this can be for all health care professionals, irrespective of skill level. VUI can also enable integration with patients' health records, allowing for objective disease monitoring. This also opens up the possibility for AI diagnosis and facilitates the decentralisation of services. Our idea has two key innovations: a) doctor-independent, digital ophthalmoscopy and b) annotation and analytical overlay. These qualities allow for a low-cost, portable, user-friendly operating design with interpretable images - key features collectively absent from current ophthalmoscopes on the market. Overall, our device costs less than the current imaging device of choice (ophthalmoscopes) and competing digital equivalents yet outperforms them by behaving akin to +£20,000 'gold-standard' benchtop retinal cameras. By simplifying retinal imaging, our device will enhance the efficacy and accessibility of retinal screening worldwide.



[www.vrcalm.co.uk](http://www.vrcalm.co.uk)

**FOUNDED** 2019  
**COUNTRY** United Kingdom  
**CONTACT** Hannah Blair

[hello@hannahblair.co.uk](mailto:hello@hannahblair.co.uk)

**VIDEO**

## Solution Description

With vrcalm, we provide dementia sufferers with the opportunity to immerse themselves in relaxing, interactive, natural green spaces (some of which may be familiar to trigger memories), and empower them with a newfound sense of autonomy. vrcalm is designed for those with dementia, allowing for a calming, stress-free experience and total ease of use. We have leveraged promising scientific research which has validated our design. We have also received positive feedback from a dementia focus group at St. George's Hospital about our product concept. vrcalm is a series of wonderful environments that seniors are infrequently able to experience due to immobility. They can interact with plants and flowers around them while listening to therapeutic music. Interactivity is essential to our product as it differentiates us from anything on the current market, which is mostly static 360 film, instead of Computer Generated Imagery. Exploration is a key feature that we are tapping into, as it provides patients the stimulation they require to effectively & positively impact their mental wellbeing. We are also incorporating previous memories through personal photos which the market also lacks. Seniors are found to be frequently amazed by VR, which makes for an emotional experience for us too!



## Solution Description

<https://wellthy.care>

**FOUNDED** 2018  
**COUNTRY** India  
**CONTACT** Tejas Bhatt

[tejas.bhatt@wellthy.care](mailto:tejas.bhatt@wellthy.care)

We are a digital therapeutics company. We design and deploy Our clinically validated digital therapeutics, deployed through a cloud-based technology stack, to improve patient outcomes for chronic health conditions. We are built to scale in emerging economies that are ill-equipped to address the growing burden of chronic diseases. Currently, there are virtually no clinically validated interventions delivering real-time, continuous care to patients in-between doctors appointments, enabling them to build the skills they need to manage their conditions in the long-run. Our first intervention for Type-II diabetes has been validated in over 13 studies across hundreds of patients, showing a 0.49% reduction in HbA1c at a population-level and a 1.17% reduction in HbA1c among patients who showed a reduction after a 16-week period. Our results have been published across multiple international and national forums and journals, including the American Diabetes Association, International Diabetes Federation and the Research Society for the Study of Diabetes in India (RSSDI). We are the only digital therapeutic company to be endorsed by the RSSDI, which is Asia's largest association of diabetes health-care professionals and researchers, as a prescription-grade intervention for chronic disease management. We are currently prescribed by over 150 health systems and are deployed through well-established partnerships with health systems, pharma, medical device and insurance companies including the likes of Wockhardt Hospitals, Roche Diabetes India, Novartis, ICICI Lombard and Aegon Life.

### [VIDEO](#)



<https://welldoing.org>

**FOUNDED** 2013  
**COUNTRY** United Kingdom  
**CONTACT** Adam Bent

[adam@welldoing.org](mailto:adam@welldoing.org)

**VIDEO**



## Solution Description

Welldoing.org is the UK's leading therapist matching service for in-person and online therapy. With over 850 verified therapists delivering therapy across the UK, we offer a range of matching solutions that save clients time and money when looking for a therapist.

Created to put the client first, our mission is to make the right therapy accessible to all, to achieve this, we are building the UK's only full-service therapy hub.





<https://yapili.com>

**FOUNDED** 2015  
**COUNTRY** The Netherlands  
**CONTACT** Mindaugas Kaziulis

[mindo@yapili.com](mailto:mindo@yapili.com)

## Solution Description

YAPILI is a micro-subscription service for health advice, online follow-up and secure storage of digital health records. In African societies where professional medical facilities are scarce and costly, YAPILI offers new opportunities to establish confidential contact with local and international health professionals. YAPILI helps in cases of pregnancy & family planning, HIV, sexual health, mental health and generic primary care questions. Compared to other mHealth solutions for the African continent (i.e. typically digitizing patient-doctor interaction based on pay-per-consult model), YAPILI differentiates as a micro-subscription service for 'all you can use'. Inspired by the phenomenon of gig-economy and end-user platforms in other industries, YAPILI brings the innovative model to healthcare and relies on a peer-to-peer principle (i.e. not employing health professionals full-time). YAPILI is anonymous, stigma-free and secure. It empowers users to take control of their own health and digitised health records which could be used both on YAPILI and offline at clinics or pharmacies. Last but not least, YAPILI boasts one of the first legal frameworks for cross-border health advice and medical data privacy. We demonstrate that, thanks to the democratization of technology, enhancing access to health advice in Africa is no longer confined by borders.

### [VIDEO](#)



<https://zana.com>

**FOUNDED** 2017

**COUNTRY** Germany

**CONTACT** Julia Hoxha

[julia.hoxha@zana.com](mailto:julia.hoxha@zana.com)

## [VIDEO](#)

## Solution Description

Zana is the first virtual, adaptive health assistant, involved in helping users secure individualized health information as well as making the collected health-related user data available to nurses and other health care providers. This AI-based, intelligent app, interacts with users in natural language and mixed-initiative dialogue. Zana can learn from its users, thus offering the possibility to provide information tailored to each individual user. Via her capability to interface with monitoring solutions (portable devices), Zana allows the user to collect relevant health data and relay them to doctors in a structured, sleek format. Risks such as a delayed, erroneous or absent response to acute conditions, etc. are diminished, thereby boosting the quality of life and simultaneously directly saving for the health care system as a whole. Zana offers the unique ability to understand the user's state of health and to continuously learn through the combination of voice-supported dialogue and the collection of health status data. This solution is an innovative, digitized quality of life measurement based on clinically validated methods. The underlying AI system combines several disciplines: machine learning, natural language processing, and semantic technologies as well as data analysis and evaluation.



trbiomed

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designed by APRE