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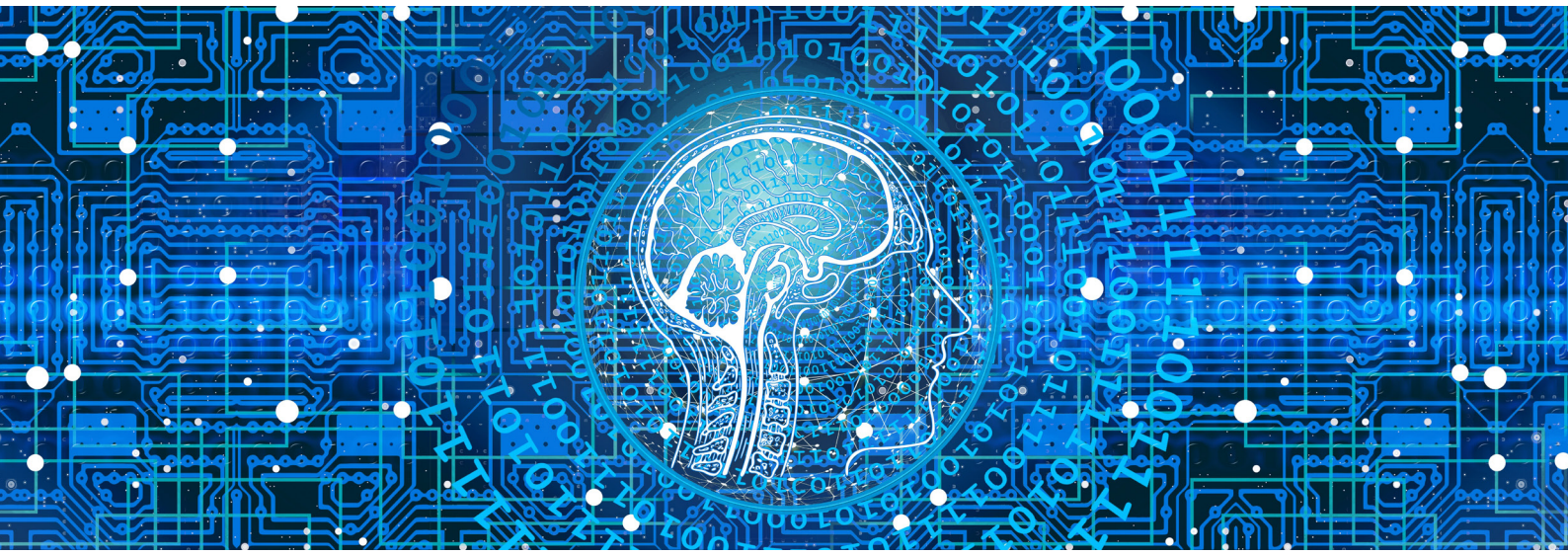
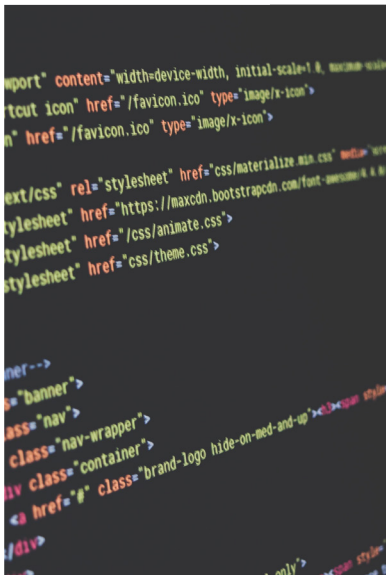


Combating the coronavirus:
Israeli technologies in action

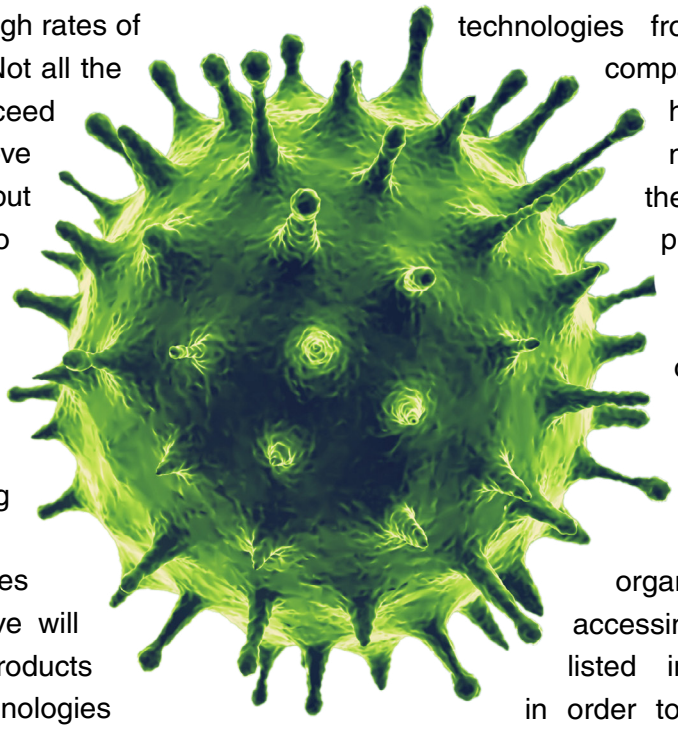


Preface

The global crisis caused by coronavirus spread and efforts to quarantine it has made a considerable impact on the economies all over the globe. The healthcare issues, supply shortages, economic and social uncertainties are challenging the population and throwing the world economy to a recession more severe than ever before.

On a positive note, not limited in scale, the economic threats are limited in time and obviously will be overcome once the virus recedes.

An endeavor to fight the epidemic requires extraordinary efforts from scientists, doctors, engineers to design innovative products meeting the new challenges, as well as exceptional healthcare, advanced med tech, adequate Big Data response and high rates of civil discipline. Not all the countries succeed to have the above characteristics but even those who do, are in need of assistance in providing the new tools and technologies not existing before.



The challenges mentioned above will need various products and technologies ranging from biomedical products and medical tools, such as vaccine development, new treatment techniques and tools, medicaments, fast and accurate diagnostic, respirators, assistance to the doctors in hygiene support technologies, remote diagnostics and care devices, etc. The governments will need special tools for medical management for analysis of the current epidemic situation, forecasting the outbreak areas and scales, new technologies for home office and online education.

Israeli innovations once again prove their aptitude in the coronavirus crisis. Samkai Strategy is pleased to present the following paper, summing up the most relevant and impactful Israeli solutions combating coronavirus pandemic. We have carefully selected the technologies from over 200 companies that have designed new or adapted the existing products relevant for the present conditions. Samkai Strategy will be happy to assist any organization in accessing companies listed in the paper in order to facilitate the dealing process during the current crisis and in the future.

We wish to thank StartUpNationCenteral for their support

START-UP NATION CENTRAL

Biotechnology, pharmacy and medical equipment

Ambovent is a team of more than 40 Israeli medical engineers, robotics specialists and electronics experts have partnered to develop a low-cost ventilator device, providing automated, volume-controlled ventilation. Meant to address shortages of ventilators due to COVID-19 worldwide, the device's blueprints, design and codes are completely open-source and are possible to be duplicated, so they can save countless human lives.

MigVax is an inter-disciplinary research team established by the MIGAL Galilee Research Institute (a multi-disciplinary applied research institute, specializing in biotechnology, health, computational sciences, and many other fields), for the purpose of development, manufacture and commercialization of an oral COVID-19 sub-unit vaccine. The vaccine project initiated upon the team successful development of a vaccine against Infectious Bronchitis Virus (IBV), an avian (poultry) coronavirus with high similarity to today's human COVID-19 that uses the same infection mechanism. The effectiveness of the vaccine has been proven in preclinical trials carried out at the Veterinary Institute.

TransAlgae is a biotech company that has developed a breakthrough technology for oral delivery of drugs and vaccines, based on genetic engineering of algae. TransAlgae's technology makes the use of injections redundant. The technology is based on rapid and flexible production system for the immediate delivery of a vaccine. The company has begun the development of an oral vaccine for coronavirus which will enable oral immunization by an alga pill without the need of arrival to the clinics for injection.

Vaxil BioTherapeutics is a company founded by Weizmann Institute scientists, in order to provide an altogether novel approach to immunotherapy. The researches' approach is targeted finding of COVID-19 cure prioritizing the research on prophylaxis and treatment. The center announced identification of innovative vaccine candidate using proprietary VaxHitTM tool with potential activity against COVID-19 (alone or in combination). Having preclinical (non-GMP) production completed, currently preclinical efficacy experiments are designed and begun. The company is planning to set a secure partnership for COVID-19 infected blood samples and experiments (including recovered patients), initiate experiments on these sample, initiate GMP production and explore additional funding options.

Kamada is a biopharmaceutical plasma-derived protein therapeutics company for orphan indications, and has a commercial product portfolio and a robust late-stage product pipeline. The company uses its proprietary platform technology and expertise for the extraction and purification of proteins from human plasma. The company is now collecting blood and plasma from patients in Israel who have recovered from coronavirus and have antibodies for that virus, and is undergoing a purification procedure that will provide an accurate concentration of antibodies for the treatment of coronavirus patients.

Remote monitoring and home care

OmniSense is a leader in real-time, cloud based remote monitoring solutions. With OmniSense Remote Monitoring users can view sensor data in real time from any web browser on your desktop, laptop or mobile device. With a focus on monitoring building performance we offer sensors for monitoring temperature, humidity, wood moisture content, dew point, surface temperature, differential pressure, energy usage, liquid flow rates, sound pressure level, vibration, air particle count, weather and more.

NanoVation is a medical device company developing a new respiratory monitoring technology and products to remotely monitor patients' breathing and lung function. The SenseGuard is a wireless wearable medical device intended for remote continuous monitoring of patients' breathing at homes and in hospitals. NanoVation's nano-based respiration sensors allow users to seamlessly monitor patients' normal (tidal) breathing, whether at rest or during daily activities, and to extract critical respiratory parameters.

Cnoga Medical develops noninvasive, pain-free medical devices for personal use and remote medical care. The company's products are designed to enable users to measure, collect, and make sense of health-related data and to use that information to improve their health. A camera sensor detects the changed light signal in real time and delivers it to a processor that uses patented algorithms and a vast amount of data to compute and analyze the correlation between the signal and bio-parameters. The company is developing MTX- Matrix Monitoring, a device for remote non-invasive checkup of 16 critical bio-parameters in 60 seconds, such as hemodynamics (pulse,

blood pressure, cardiac output, stroke volume etc.), hematology (hemoglobin, hematocrit etc.) and blood gases (PH, SpO2, PCO2 etc.) The device gives the patients means to manage their own health, enables proactive treatment rather than responsive, shifting the focus from hospitals and clinics to patients' homes, which is especially needed at the pandemic.

Somatix is a provider of wearable-enabled RPM (Remote Patient Monitoring) software platform for healthcare. Their solution uses gesture detection technology and machine learning algorithms to analyze user's gesture data in real time. The algorithms remotely and passively detect physical and emotional indicators for generating insights on risk factors for adverse events, poor medical compliance, inactivity, falls, dehydration and more. This data delivers important clinical insights to healthcare providers, helping them maintain continuous contact with and improve the wellbeing of those under their care.

This technology can be an effective tool to remotely monitor patients during epidemics. For instance, it can be applied for monitoring of seniors at home and in elder care facilities, monitoring of covid-19 patients in quarantine at home for signs of decline, or monitoring at home of high-risk patients after hospital discharge to increase hospital capacity.

Early Sense has developed a range of contact-free monitoring products designed to enhance safety and reduce risk for general care patients. It can be used by hospitals, healthcare systems, integrated delivery networks, and rehabilitation centers. The EarlySense system provides continuous touch-free monitoring of a patient's heart rate, respiratory rate, and movement, enabling clinical teams to detect and address early signs of deterioration, including falls and pressure ulcers. Israeli Sheba Medical Center is using the technology of Isolation Room Configuration with External EarlySense2 Vitals Display to monitor quarantined COVID-19 patients.

The completely contact-free technology provides no risk of cross-contamination and minimizes care team need to enter isolation rooms. The vital sign data is displayed outside of patient room, whereas central display provides vital sign data on all admitted patients in centralized location.

Tyto Care is a handheld exam kit and app that lets to perform guided medical exams with a healthcare provider. This remote examination tool and telehealth platform enables a complete examination of the heart, lungs, skin, throat, and ears, including temperature readings. Tyto Care's solution is the only all-in-one remote medical examination solution allowing physicians to remotely connect with quarantined or symptomatic patients in hospital wards or at home to perform remote medical exams, including lung exams, which are key for monitoring COVID-19. The solution can be deployed quickly and at scale, with training and implementation possible within a single workday. Tyto Care is capable to address the COVID-19 virus, fully realizing

telehealth's potential at this critical time. Most hospitals in Israel, including Sheba Medical Center, are currently working with Tyto Care to examine patients in their quarantined wards, as well as to monitor patients in isolation at home.

eWave develops connected medical technologies for use in diagnosis, treatment, and analysis. The company currently offers three products designed for immediate medical attention, remote diagnosis, and medical IT for healthcare organizations. eWave's CardioHub is a secure remote medical diagnostic platform for medical organizations. It is HIPAA-compliant, with encryption of all data, documents, and passwords, including internet cookies. In addition, server and end-station hardening, along with external security auditing, help to ensure the platform's protection and monitoring capabilities.

ContinUse Biometrics (CU-BX) provides contact-free sensing solutions for simple and safe patient screening and monitoring. Its clinically validated technology detects key parameters such as heart rate, respiratory rate, respiratory rhythm, blood pressure, and cardiac acoustics. CU-BX's health-monitoring solutions are designed to enable more efficient healthcare practices, including the detection of parameters associated with different cardiac and respiratory conditions, such as pneumonia-like symptoms (e.g. COVID-19); supportive telemedicine practices; and prevention of hospital overloading. In the midst of the global COVID-19 health crisis, a fully contact-free patient screening method helps enable safer conditions for both patients and frontline medical staff.

Vitalerter develops lightweight, contact-free, IoT biosensors for patient monitoring. The company's solution is designed for long-term care facilities, hospitals, and telehealth providers, with no IT integration needed. Its sensors attach under patient beds and send data via WiFi to a cloud-based machine-learning platform, providing continuous and contact-free monitoring of vital signs and body movements. Vitalerter's cloud-connected vital-sign-monitoring solutions are designed for vulnerable patients who require close monitoring without one-to-one nursing care. Its systems leverage available hospital infrastructure and remotely connect nurses and doctors to their patients through a smartphone app. The platform contacts the care staff on any mobile device and includes reports and graphical data analysis for the medical team.
The technology is specifically meeting the coronavirus treatment needs reducing the necessity of physical contact between doctor and patient.

Datos Health provides a remote-care software platform that fully automates the transition of care processes and patient journey management from hospitals to the home. The company's full-stack software platform equips care teams with tools to remotely manage complex clinical protocols, automatically delivering personalized remote care seamlessly merged with existing operational workflows

at a fraction of the cost. Datos applies advanced algorithms to this aggregate data "lake", continuously analyzing all information to detect and predict anomalies, and issue and incorporate complex clinical insights into personalized and adaptable care pathways. In March 2020, the company announced the availability of its agile and comprehensive telemedicine solution for the remote monitoring of patients with COVID-19. The company has been selected by Sheba Medical Center to support a telemedicine program launched in preparation for the possible arrival of the COVID-19 coronavirus in Israel.

Geneyx develops an integrated and secure genetic data bank. The company's cloud-based system is designed for pharmaceutical research, universities, and translational research, enabling the development of innovative drugs and novel therapeutic and diagnostic tools. The company is currently working alongside a public–private consortium in Israel to collect samples and sequence genomes from thousands of COVID-19 patients in an effort to identify protective and risk-bearing genetic factors with the hopes of discovering new diagnostic and treatment methods. Alongside Geneyx, the consortium partners include the Israel Ministry of Health, the Israel Innovation Authority, Sourasky (Ichilov) Medical Center, and Rambam Health Care Campus.

IMNA Solutions has developed a patient compliance and engagement automation platform for clinical trials. The company's platform offers a complete solution for hybrid, decentralized clinical trials and remote patient-centric interventions. IMNA's platform integrates PGD, EDC, mobile ePRO, telehealth, and connected devices using a continuous data feed. The platform processes continuous data streams to provide an immediate picture of protocol compliance, patient engagement, and trial success. The platform's clinical and trial insights include real-time analytics to enable vital reporting and data visualization for monitoring the COVID-19 outbreak in specific areas.

Oxitone is a B2B2C medical device and digital health company in its initial revenue stage and a pioneer in the area of digital continuous care. The company offers an FDA-cleared wrist sensor, pulse Ox monitor, and platform with early disease indication, a smart alert system, and real-time 24/7 patient risk tracking. The Oxitone 1000M is an FDA-cleared health monitor that works without a bulky fingertip probe. Its blood oxygen, pulse, temperature, and motion biosensors are worn on the wrist. The device combines the convenience of a wearable tracking technology with continuous monitoring capabilities. Oxitone's technological solution is protected by four U.S. patents.

Neteera Technologies develops a solution that combines micro-radar-on-chip technologies and algorithms in a sensing platform for contact-free detection and monitoring of objects and humans in two modalities: broad sensing (presence and activity), including human presence detection and advanced occupancy awareness; and focused sensing (vital signs), including heart rate, respiration rate, heart rate variability, respiration amplitude, and sleep apnea detection. Neteera's technology is suitable for remote physiological and wellbeing monitoring in the healthcare and automotive markets. Regarding the novel coronavirus outbreak, it can be used for contactless monitoring patients at home and at the hospital, reducing healthcare associated infections for the patients and infection risks for medical personnel.

Temi is a video-oriented, voice-operated autonomous personal AI assistant robot. Temi can recognize and follow when requested, save preset locations, and navigate around homes and offices while connecting to smart devices and web services. Temi is being used in hundreds of hospitals, medical centers, nursing homes, and corporate buildings in Asia to help minimize human-to-human contact as millions of people take precautions due to the novel coronavirus outbreak worldwide.

Diagnostics

NanoScent develops a scent-recognition platform that uses machine learning algorithms to detect and pinpoint the exact locations of a wide range of scents at low concentrations. The company's scent-recognition system includes a reader and software. The scent reader is used for collecting smells from human breath or from closed chambers. which offers a scent recognition service that can help detect people with coronavirus symptoms.

Binah.ai provides video-based monitoring solutions enabling the extraction of a large set of vital signs and mental stress measurements based on analysis of a video taken from the upper cheek skin region of a human face. Running on standard devices such as a smartphone, tablet or any other camera-equipped device, the technology is out-of-the-box and versatile, clinically tested with medical-grade accuracy and consistency.

The application is testing the respiration rate, heart rate, heart rate variability (HRV), mental stress, blood pressure and oxygen saturation (SpO2). The critical importance of monitoring oxygen saturation (SpO2) in COVID-19 suspects, as an indication of a respiratory-related issue is emphasized in the recommendations of the World Health Organization (WHO)[1].

The technology has been implemented in the Jewish General Hospital (Montreal, Canada), where medical staff and patients are using the tool in the fight against the COVID-19 pandemic.

Diagnostic Robotics is the medical-grade AI triage and clinical-predictions platform, developing a human–machine hybrid AI diagnostic system, they use AI and predictive analytics models to solve strained health budgets and workforces. The technology provides remote patient progress monitoring, automated patient queries, provider-facing alerts about high-risk patients, and daily updates about the spread and progress of the disease at a community and regional level. Analyzing a patient's clinical symptoms and underlying health status, the platform generates a personalized risk profile, and provides next-step guidance. The solution reduces the burden on the health system by helping individuals determine the right course of action while minimizing direct contact with medical teams. The triage monitoring system allows officials to monitor progress of the disease on a daily basis and provides

health providers with dashboards and alerts about patients at risk. Additionally, a symptomatic coronavirus heat map is leveraged to locate coronavirus-symptomatic patients and track the path of the pandemic.

In March 2020, the Israeli Ministry of Health developed a COVID-19 strategy that includes daily nationwide monitoring of coronavirus-related symptoms of the population using Diagnostic Robotics' digital risk assessment and monitoring platform for COVID-19. The platform uses a questionnaire to analyze symptoms to generate a personalized risk profile for COVID-19. Users receive guidance in line with their individual progression and symptoms.

In 2020 Diagnostic Robotics announced partnership with the State of Rhode Island to launch an AI platform for remote assessment and monitoring of COVID-19. The Rhode Island COVID-19 Self Checker is a web-based platform for mobile and desktop users. It offers a symptom self-checker and personalized risk assessment that takes into account exposure and preexisting conditions as well as detailed next-step guidance based on CDC guidelines and customized for Rhode Island, including the availability of local testing and recommendations for when and where patients should seek medical care.

Inovytec Medical Solutions develops portable medical devices designed to dramatically increase survivability in out-of-hospital respiratory and cardiac medical emergencies. The company's solutions include the SALI, an automated oxy-defibrillator that combines oxygen therapy, airway management, and defibrillation along with real-time telemonitoring and emergency notification; the LUBO, an upper-airway opening device combined with a cervical collar for noninvasive airway management in cases that require cervical fixation or immediate airway management; and the VENTWAY, a multifunction, ultralight ventilator designed for critical care and oxygen therapy under field conditions.

The company is providing the Israeli Ministry of Defense with respiratory machines as part of the government's efforts to address the coronavirus Pandemic and prepare for large numbers of coronavirus patients with respiratory and cardiac preconditions.

Vayyar develops safe, mobile, low-cost 4D imaging sensors, enabling applications in the fields of cancer detection, people tracking, vehicle automation, security, radiation-level testing, construction, and more. Vayyar started with the vision to develop a new modality for breast cancer detection, using radio frequency (RF) to quickly and affordably look into human tissue and detect malignant growths. As the technology matured and evolved, Vayyar expanded it to unleash new capabilities and widen its application scope to other markets. Vayyar is collaborating with MAFAT (Israel's Defense Research & Development Directorate) and Israel's Naval Medical Institute. Vayyar's sensors have been successfully installed and are monitoring personnel in real-time to help detect early signs of the COVID-19 virus.

Separately, The Israel National Emergency Team has successfully completed a test in which two systems were adapted for Vayyar sensors to analyze remotely, the vital data of patients.

MeMed Diagnostics has developed and validated an immune-based protein signature called MeMed BV for distinguishing between bacterial and viral infections, a powerful tool in the fight against resistant strains of bacteria. MeMed Diagnostics is known mostly for developing devices and tests that can rapidly distinguish between certain bacteria and viruses, based on the immune system's response, mainly in order to prevent unnecessary use of antibiotics. The company is now developing another test for early detection of viruses (including coronavirus) and predicting deterioration in the patient's situation.

RADLogics is a software analytics platform designed to increase radiologists' productivity and accuracy. RADLogic's Virtual Resident solution searches, measures, characterizes, and prepares a preliminary findings report, using machine learning image analysis to process the enormous amount of imaging data associated with CTs, MRIs, and X-rays. Within minutes, a draft report, including key images, is delivered to the radiologist's reporting system, allowing radiologists to focus their time and attention on diagnosis.

RADLogics has rapidly developed its AI-based CT image analysis tools to automatically and accurately detect the COVID-19 / coronavirus in large numbers of CT studies. For patients with COVID-19, the RADLogics solution classifies results per thoracic CT studies utilizing deep-learning image analysis. Their AI-based image analysis further outputs a suggested "corona score" to measure the progression of patients' disease and/or recovery over time.

MyndYou offers a platform based on artificial intelligence (AI) that is designed to help clinicians provide personalized cognitive care for seniors living with or without cognitive decline. MyndYou's AI-based solutions use unique passive voice analytics and remote engagement tools to enable care providers to effectively screen for COVID-19 in their communities, combat the effects of social isolation in older adults, and ensure targeted care for individuals who need it most.

Vocalis Health develops an AI-based platform that uses voice analysis to evaluate an individual's health status. The company's platform enables healthcare providers to leverage remote voice interactions through a call center or smart device in order to passively monitor, index, and track millions of patients living with a range of voice-affecting diseases, such as chronic respiratory or cardiac conditions and depression. Vocalis

Health's early clinical data demonstrates its ability to efficiently index and track chronic patients. Vocalis is deploying a state-of-the-art Artificial Intelligence method and technique to correlate the voice with the symptoms of the COVID-19. This will enable an alert about early symptoms and monitoring at home by only using a smart phone.

diagnostics.ai is focused on using innovative artificial intelligence (AI) and machine learning to improve diagnostic accuracy and cut costs in order to improve patient safety worldwide. The company develops solutions for the analysis of the complex data produced during the qPCR process.

Pcr.ai (by diagnostics.ai) analyses qPCR data automatically, removing the need for specialists and ensuring standardisation, accuracy and quality-control. The technology shows proven and reliable accuracy, proven time and resource savings, built-in standardization of results and inherent tracking capabilities. The technology was used in the King's College Hospital NHS London, UK and in one of the largest patient (CLIA) testing labs in the USA for managing the resulting process and overseeing the quality control checks.

K Health developed K, an AI personal health assistant powered by millions of real medical charts, notes, and labs. K shows patients how doctors have diagnosed and treated other people with similar cases. K can address a wide variety of symptoms and primary-care outpatient conditions. The technology helps the patients to estimate the chance of coronavirus infection asking smart questions about the symptoms.

PulmOne develops patient-friendly, hassle-free, and budget-conscious devices designed to accurately inform clinical decision making throughout the diagnosis, treatment, and monitoring of respiratory diseases. The company's MiniBox is a system for measuring lung volume and spirometry. It is a desktop device designed to provide an accurate assessment of lung volume based on normal tidal breathing and a short measurement time. The system does not rely on a plethysmograph or external gas source.

The company's technologies meeting the coronavirus needs include disposable Bacterial Viral Filters (BVF) provide 99.999% protection from bacterial and viral cross infection for the clinician, the user, and the device interior during spirometry maneuvers. The exterior surface of the MiniBox+ can be easily cleaned and disinfected between patients.

Sight Diagnostics uses advanced computer-vision and machine-learning technology in the field of blood diagnostics. The company's initial product, the Parasight platform, is a highly accurate, easy-to-use device for diagnosing malaria. Sight Diagnostics is also applying its technology to the complete blood count (CBC) market, developing a point-of-care CBC platform that will provide a five-point differential blood count for use in doctors' offices and emergency medical centers.

Protection and prevention

Cordio Medical is a medical speech processing platform. Provides a groundbreaking solution for monitoring several health conditions through free speech into a simple smartphone app backed by sophisticated and proprietary algorithms allowing near-real-time monitoring and early detection of condition deterioration. The technology is on the clinical trial stage (Rambam Hospital, Haifa) on an app-based AI system that analyzes speech to diagnose and remotely monitor COVID-19 patients. Assuming it passes scientific muster, the tech could be used to help treat self-quarantined patients who are likely to have COVID-19 but haven't yet been hospitalized.

Sonovia develops a single-step, sono-coating process, utilizing a unique physical phenomena called cavitation. The technology gives textiles the ability to destroy bacteria, providing protection for doctors and patients alike against potentially harmful bacteria and infections. This process eliminates the need for any chemical binders, greatly reducing the required chemicals in the coating process while allowing for a highly homogenized, high-performance coating. The company claims it has the ability to create virus resistance masks and textiles to help combat the coronavirus by using a nanotechnology process it developed to impregnate textiles with antifungal and antibacterial chemicals. Sonovia is currently working to raise the necessary funds in order to scale up and commercialize and bring their life saving technology to the market.

MyHomeDoc is a digital health company that has developed a system that supports a full remote clinical exam, enabling diagnosis and treatment in the first encounter and allowing consumers to access care where and when they need it. MyHomeDoc's solution connects clinicians and patients via a hand-held device with built-in sensors and a secure smartphone application. MyHomeDoc's first product allows patients to conduct primary examinations in their own home. The system can be fully integrated and includes a handheld unit, mobile application, and dashboard for the physician.

OHK Medical Devices manufactures and sells products for orthopedic surgery, vascular surgery, and emergency medicine. Its core patent-protected technology is a line of single-use devices designed to quickly and effectively displace blood from the limbs and block its re-entry.

OHK's HemaClear line of sterile surgical products are widely used to create a bloodless surgical field. The company also developed the EED product line for use in emergency medicine. The EED system is used to auto-transfuse a patient's own blood from their limbs into central circulation during severe shock or cardiopulmonary resuscitation. HemaClear is FDA listed and CE marked. Addressing coronavirus pandemic challenges, the company is developing ViriMASK, a patent-pending face mask to provide protection from viruses and more, which can become a gamechanger for healthcare workers, airport workers and people in preventive quarantine. The washable and reusable device is designed to cover the eyes with a see-through visor and the nose and mouth with a filtering mechanism.

Soapy Care has developed an IoT-powered hygiene micro-station designed to provide users with a precise dose of soap and water. The station turns the hand-washing process into digital data, and the company's technology produces data and insights from the device's use. Soapy provides an optimal amount of water (taken from the atmosphere) and soap per 20-second handwashing. A computer vision interface verifies that the handwashing was done properly. On request, the soap will now include a plant-derived substance proven to kill tobamovirus – which is more resistant than coronavirus.

Duality Technologies develops technologies for privacy-preserving data collaborations. Duality SecurePlus combines advanced homomorphic encryption and data science, enabling organizations to derive insights without exposing sensitive data. Duality was listed on Fast Company's 2020 Most Innovative Companies List in the Data Science category. Duality has also been recognized as a Gartner "Cool Vendor" for Privacy Preservation in Analytics and was named runner-up in the RSAC Sandbox competition.

In response to the pandemic, they are now offering our unique expertise and technology at no cost, for selected applications, in order to accelerate COVID-19 related research and development.

AuraAir offers an all-in-one indoor-air purification and quality intelligence system. The system filters and disinfects indoor air using a four-stage purification process while monitoring air quality in real time. hen hazards are detected, Aura alerts the user immediately, providing insights into the origin of the problem and how to rectify it and sounding alarms if immediate action or evacuation is necessary. On the heels of successful antibacterial laboratory trials that saw its

system kill off 99% of influenza viruses, Aura Air, which is part of Highroad Launchpad's investment portfolio, has shown the potential to filter out the airborne virus, according to company statements.

Argaman Technologies develops, designs, and manufactures multiperformance textiles for a wide range of applications. The company focuses on developing permanently self-sterilizing, flame-proof, multifunctional yarns and fabrics. Argaman uses ultrasonic waves to blast natural compounds into cotton and other fibers so that a permanent mechanical bond is formed between the compound and the substrate. The use of ultrasonic waves is eco-friendly, and the processes also enable textiles to achieve a high level of performance and efficacy.

Sion Medical manufactures single-use skin-cleansing and dermatological treatments, advanced wound care products, burn remedies, and surgical solutions for the professional healthcare sector. The company is focused on the development of skin asepsis solutions and generic creams, ointments, and gels for topical dermatological, burn, and wound applications. In March 2020, Sion Medical won a fast-track tender by the Ministry of Health to set up a production line for N95 masks to provide medical staff with protection against COVID-19.

Social and mental aspects

Wisdo is a mobile app that enables users to share their stories, connect with others who have been through similar experiences, and give and receive helpful advice. Wisdo helps users discover what they need to know, from people who have already been there.
The solution helps to address the coronavirus Pandemic by socialization of those who feel specifically detached during the self-isolation, and by social networking of people having experienced coronavirus protecting their mental health.

Kytera has developed a smart remote caregiver solution that provides insight into seniors' activity at home. The solution includes a home system that collects data, a mobile app for family members, and a dashboard for professional caregivers. Kytera's wellness monitoring seeks to understand the senior's activities to track parameters related to key daily routines such as sleep, nutrition, time spent out of the house, and daily activity.
The data is analyzed automatically to detect behavioral symptoms of physical and mental deterioration. The system provides insight with clear, easy-to-understand wellness reports, coupled with actionable recommendations for family members and professional caregivers.

XRHealth develops a Virtual Reality (VR) / Augmented Reality (AR) telehealth platform that consists of innovative, immersive, therapeutic applications to address a wide variety of neurocognitive, emotional, and physical symptoms. The company's applications are combined with an advanced data portal that utilizes artificial intelligence and cloud-computing algorithms to deliver meaningful data analytics for monitoring and managing patients remotely. The company's product through virtual reality provides physical therapy, stress management, pain management, deals with memory decline, hot flashes, respiratory recovery. The platform also enables live two-way interactions

between patients and their healthcare providers. The company announced it will be providing VR telehealth services to the Sheba Medical Center in Israel to help the hospital treat incoming coronavirus-exposed patients quarantined at the hospital and, eventually, to monitor them after they return home.

EyeControl is an assistive technology for intensive care units. The device uses pupil movements to enable bi-directional remote communication between ventilated patients and medical staff, thereby improving accuracy of care, freeing up beds and equipment, and limiting contagion by reducing the need for proximity. EyeControl has two target markets: medical facilities for ventilated patients and home care for locked-in individuals. EyeControl will pilot the medical device at hospitals treating patients with COVID-19, where it can help preserve lines of communication between ventilated patients and nurse stations outside quarantine.

Belong is a powered by Machine learning & AI social network for managing & navigating treatments, offering a personalized, patient-focused, proactive cancer and multiple sclerosis-care management navigator for patients, families, and doctors. The Belong apps are designed to help cancer and multiple sclerosis patients manage and improve the treatment process, from diagnosis to recovery, with support from medical professionals, healthcare providers, big data, and their own electronic medical files. The company has also launched a free anonymous support group to help cancer patients during the COVID-19 pandemic.

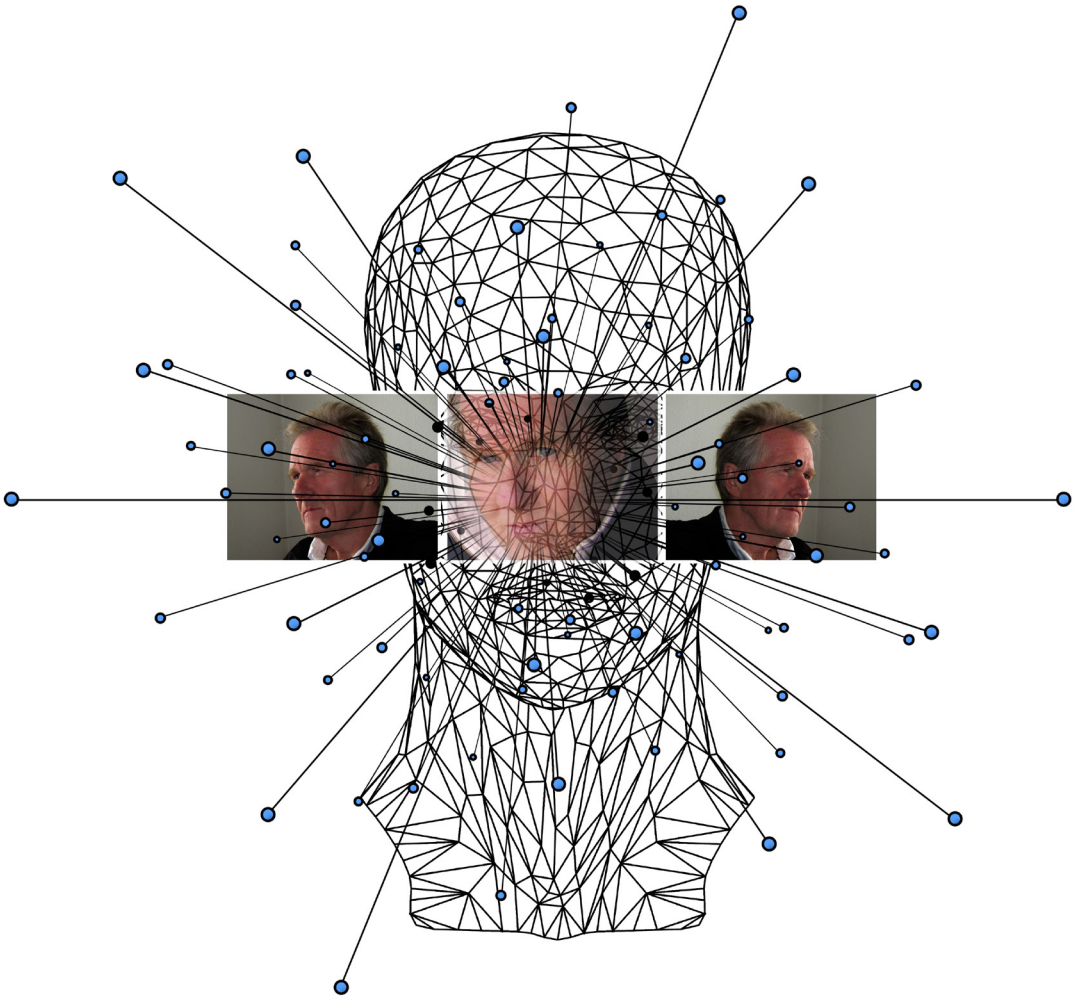
The Israeli Ministry of Health, in cooperation with Belong, launched an application that provides information and support regarding the coronavirus called “CoronApp”.

The App provides Israelis with new information and health guidelines regarding the novel coronavirus, announcements, updates straight from the Israeli Health Ministry offices, reports on the virus’ spread and residents’ exposure, allows people to report for self-quarantine, receive instructions and guidance, and benefit from community support. CoronApp provides an all-in-one solution for dealing with COVID-19 in the digital space across large and diverse populations at scale, securely and in compliance with regulatory guidelines.

Bobe is an easy-to-use elderly-friendly community engagement platform specifically tailored for senior living communities. Bobe digitizes and simplifies all services that residents and staff members manage on a daily basis, such as maintenance, dining, calendar activities, and communication. Bobe aims to reduce social isolation among residents, increase family engagement, enhance staff efficiency, and save organizations time and money. Bobe’s technological tools can be used in senior living communities affected by the spread of COVID-19 by reducing direct contact

between residents and staff while keeping the residents well informed, meeting their daily needs, and preventing social isolation.

Uniper creates solutions for elderly people at home or in care facilities to have dignified, connected, and fun experiences. The company promotes active aging through its accessible, AI-based IoT technology. The platform enables elderly people to keep doing what they love, without having to change habits, leave home, or adopt new technologies or devices. Uniper's Android-based set-top box turns any TV into an aging-in-place platform. Its holistic services include social engagement, assistance with performing daily activities, access to entertainment content, and management of medical needs. Uniper is used by hospitals, health maintenance organizations, health ministries, and welfare ministries to provide a patient engagement solution for people with the novel coronavirus in hospitals and at home. Uniper's tech helps address social isolation and mental challenges introduced by COVID-19.



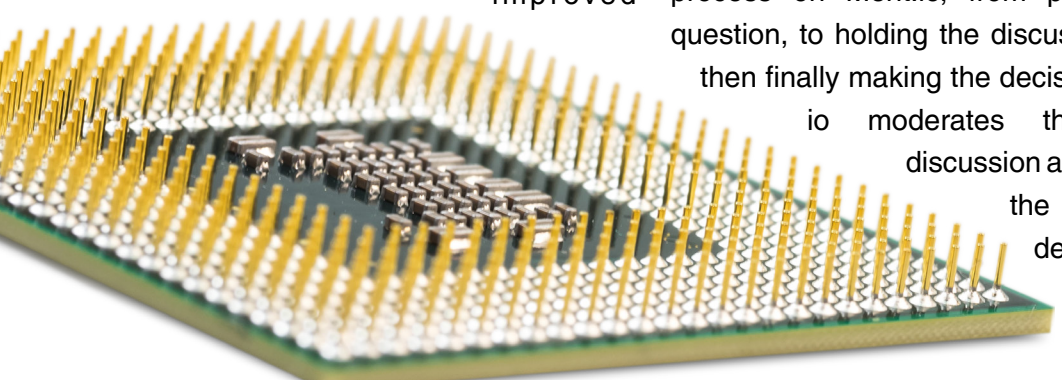
Big data and decision support

NSO develops technology that enables government intelligence and law enforcement agencies to prevent and investigate terrorism and crime. The company provides tools to help official authorities prevent terrorism, break up criminal operations, find missing persons, and assist search and rescue teams. About a dozen countries are testing the NSO technology, the person familiar said, speaking on condition of anonymity to discuss a private matter. The software takes two weeks of mobile-phone tracking information from the infected person - the incubation time of the virus - then matches with location data collected by national mobile phone companies that pinpoints citizens who were in the patient's vicinity for more than 15 minutes and are vulnerable to contagion, the person said.

Cydersoft focuses on providing premium software solutions for the mobile advertising industry, with offerings ranging from a global advertising video network to cross-platform mobile apps. Through its unique technological solutions, Cydersoft creates new and improved ways to overcome ad industry challenges. Cydersoft's flagship product, VideMob, is an industry-leading mobile video advertising and monetization platform providing a comprehensive set of services for the world's leading publishers and ad networks.

Agmon helps health systems leverage their unstructured textual clinical data to ensure better patient care and experience, mitigate liability risk, and generate growth opportunities while reducing administrative burden. Medical reports are structured using Agamon's proprietary advanced technology and deep language understanding. To help healthcare organizations deal with COVID-19, the company offers a seamless way to prioritize non-COVID-19 patients based on their medical history and demographics.

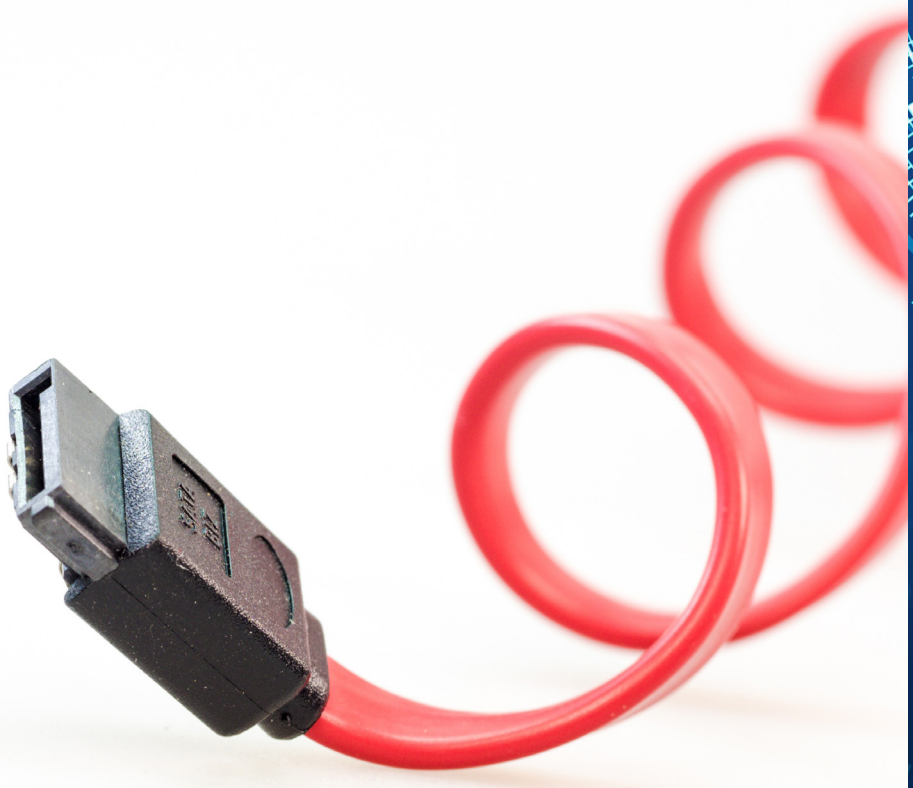
Ment.io is an AI decision-making platform that helps teams make decisions in the workplace, in a more streamlined and efficient manner. Users can manage the entire decision-making process on Ment.io, from posing the question, to holding the discussion, and then finally making the decision. Ment.io moderates the entire discussion and pushes the leading decisions up



to help users make better decisions more quickly. Ment.io's scoring engine is a smart algorithm that helps organize the discussion. The Ment.io score is based on a smart peer review and data analytics based on the discussion structure and similar past discussions. Each discussion is stored in a graph database, and Bayesian and machine-learning algorithms then decide the score.

Medial EarlySign develops decision-support tools based on machine learning that expose the hidden layer of information in standard medical data. These new insights enable personal and outcome-based interpretation of medical data, yielding individualized predictions and treatment prediction of life-threatening conditions. The company's tools are designed to offer healthcare organizations a new way of looking at their data, empowering them with proactive, personalized, and predictive care management capabilities.

Along with Maccabi Healthcare Services, the company is also developing an algorithm to identify high-risk COVID-19 cases. EarlySign's COVID Complications AlgoMarker Identifies individuals at increased risk for having COVID-19 complications. With the goal of prioritizing patients for COVID-19 testing and treatment, this new AlgoMarker aids in triaging patients by reducing chart review time to determine whether they are potentially at high risk for hospitalization, complications, and mortality.



Full list of Israeli coronavirus-related technology solutions

Based on data from Startup Nation Central website
finder.startupnationcentral.org

Company Name	Short description	Sub sector
Be Strategic Solutions	Crisis Simulation Software	Decision Support
Panorays	Automated Third-party Security Management Platform	Decision Support
BeyondMinds	Applied AI Research for Businesses	Decision Support
Axonize	IoT Orchestration Platform	Decision Support
Stratasys	Printing Supportive Medical Parts	Biotechnology, pharmacy and medical equipment
MASSIVit 3D	Printing Supportive Medical Parts	Biotechnology, pharmacy and medical equipment
CASTOR	Decision Support System for Industrial 3D Printing	Biotechnology, pharmacy and medical equipment
Nanofabrica	Harness Precision AM to Develop COVID19 Related Medical Devices And Solutions	Biotechnology, pharmacy and medical equipment
TransAlgae	Algae-based Drug-delivery Platform	Biotechnology, pharmacy and medical equipment
WeCare Apps	Mobile Apps for People with Memory Impairment	Biotechnology, pharmacy and medical equipment
Intuition Robotics	Cognitive Digital Companions	Biotechnology, pharmacy and medical equipment
EyeControl	Wearable Assistive Communication Device	Biotechnology, pharmacy and medical equipment
Uniper Care Technologies	AI-based In-home Assistance Platform for the Elderly	Biotechnology, pharmacy and medical equipment
Inovytec Medical Solutions	Emergency Critical Care Devices	Biotechnology, pharmacy and medical equipment
Growponics	Manual Respiratory Balloon	Biotechnology, pharmacy and medical equipment
Polymertal	Printing Supportive Medical Parts	Biotechnology, pharmacy and medical equipment
Lynx.MD	Clinical Data Cloud for Providers and Innovators	Miscellaneous
Softimize	IoT Cloud Platform for Device Manufacturers	Miscellaneous
IMNA Solutions	Patient Monitoring and Engagement Automation Platform	Miscellaneous
MAISHA Labs	AI Command-and-control Platform for Streamlining Healthcare Operations	Miscellaneous
SophistiCart Medical	Antibacterial Medical Carts	Miscellaneous
iMDSoft	Clinical Information Systems for Hospitals	Miscellaneous

>> Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
MDClone	Healthcare Data Analysis	Miscellaneous
bio-T Medical	Remote-care Cloud Engine for Medical Device Manufacturers	Miscellaneous
Geneyx	Integrated End-to-end Solution for Genomic Data	Miscellaneous
Agamon	Healthcare Data Platform	Miscellaneous
MedFlyt	Platform for Healthcare Staffing	Miscellaneous
Omnisol	Research Management Systems for Academia and Industry	Miscellaneous
Serenus.AI	AI-based Medical Decision-support Platform	Decision Support
Koalys	Web Platform for Audiometry	Decision Support
RadLogics	Medical Imaging Analytics for Radiology	Decision Support
GlucoMe	Digital Diabetes Management Solution	Decision Support
FullDNA	AI-based Genomic Analysis	Decision Support
Medial EarlySign	Early Detection of Life-threatening Conditions	Decision Support
elminda	Measuring Brain Health	Decision Support
MilagroAI	AI-based Predictive Analytics for Healthcare	Decision Support
DiA Imaging Analysis	AI-driven Ultrasound Analysis	Decision Support
CLEW	Real-time Analytics for the ICU	Decision Support
Zebra Medical Vision	Medical Imaging Insight and Analysis Platform	Decision Support
Kahun Medical	AI Diagnostic Engine for Cataloging Peer-reviewed Clinical Information	Decision Support
Diagnostic Robotics	AI Diagnostic System for Healthcare Insurers, Providers, and Patients	Decision Support
GYNISUS	Intelligent Healthcare Insights and Predictions	Decision Support
Pomicell	Personally Optimized Medical Intelligence	Decision Support
MDI Health	AI-powered Personalized Medication Management System	Decision Support
Anodot	Tracking Reported Cases of COVID-19 and Providing Real-Time Updates When Confirmed Cases Experience A Critical Change	Decision Support
Binah.ai	Help Triage Nurses Check Vital Signs of Patients Without Physical Contact With Them	Decision Support
uLabs	Ultrasonic Point-of-care Testing System	Diagnostics
SmellTracker	Online Platform for Self-monitoring Sense of Smell	Diagnostics
Sight Diagnostics	Advanced Blood Diagnostics Platform	Diagnostics
Natan Labs	At-Home Diagnostics Technologies	Diagnostics

>> Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
MeMed Diagnostics	Diagnostic Tools for Infectious Diseases	Diagnostics
diagnostics.ai	Automated DNA Analysis Technology	Diagnostics
EDAS Healthcare	Real-time Diagnostic Software for Infectious Diseases	Diagnostics
Bat-Call Medical Device	Sound-based Chest Diagnostics	Diagnostics
BioEye	Monitoring Cognitive States through the Eyes	Diagnostics
K Health	AI Personal Health Assistant	Diagnostics
Healthy.io	Electro-optic Technologies for Home Diagnostics	Diagnostics
Salignostics	Saliva-based Rapid Diagnostic Tests	Diagnostics
invisi.care	Safety Monitoring System for the Aging Population	Diagnostics
Edgecase.AI	Synthetic Dataset Creation and Data Labeling	Diagnostics
Cybord	Detecting Malicious and Counterfeit Electronic Components	Diagnostics
Vocalis Health	Voice-based Analysis and Detection of Different Health Conditions	Diagnostics and Decision Support
Guide In Medical	Noninvasive Guided Endotracheal Intubation Device	Diagnostics and Decision Support
Novamed	Microorganism Diagnostic Systems	Diagnostics and Decision Support
Scentech Medical	Noninvasive Screening Solutions for Infectious Diseases	Diagnostics and Decision Support
YonaLink	Clinical Trial Data Migration Platform	Diagnostics and Decision Support
Todos Medical	Blood Test to Detect Cancer	Diagnostics and Decision Support
Signals Analytics	Data Analytics for Product Development	Diagnostics and Decision Support
Luminati	Open-source Data Collection	Diagnostics and Decision Support
PulmOne	Desktop Device for Pulmonary Function Testing	Diagnostics and Decision Support
Navina Technologies	Personalized Health Data Report	Diagnostics and Decision Support
Hyro	Free Virtual Assistant to Aid COVID-19 Support and Diagnosis	Diagnostics and Decision Support
Vanti Analytics	Provide Domain Experts with Data Science Capabilities	Diagnostics and Decision Support
Voca.ai	COVID Voice Detector	Diagnostics and Decision Support
Effectivate	AI-based Tool for Cognitive Training for Older Adults	Digital Therapeutics

>> Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
Openmind 360	Virtual-reality Platform for Mental Distress Problems	Digital Therapeutics
MULTI FOR ALL	Child Language Assessment App with Guidance for Parents	Digital Therapeutics
Fitness22	Fitness and Productivity Apps	Digital Therapeutics
WizeCare	Remote Physical Therapy Platform	Digital Therapeutics
Wisdo	Social Network for Advice	Digital Therapeutics
Sweetch	AI Platform for Preventing and Managing Chronic Diseases	Digital Therapeutics
Eco Fusion	Personalized Neuro-digital Therapeutics Platform	Digital Therapeutics
GGTUDE	Digital Mental-health Solutions	Digital Therapeutics
2Gether	! [Connecting Generations From Remote	Digital Therapeutics
XRHealth	Virtual-reality Platforms for Health Management	Digital Therapeutics
Life Beat	Music-based Treatment Platform	Digital Therapeutics
Nutricco	Nutrient Intake Monitoring	Digital Therapeutics
Farmster	Digital Marketplace for Farm Produce	Digital Therapeutics
MediTouch	Physical Therapy Solutions	Miscellaneous
Embedded solution	Cyber protection for remote communication	Miscellaneous
Erudite	AI-based Reading Comprehension Platform	Miscellaneous
Dynamo Tech	Educational Smartphone App for Children	Miscellaneous
Cambium	Mobile Education Apps	Miscellaneous
Callflow Software	In-store Customer Experience Solutions	Miscellaneous
Wave Guard Technologies	Automated Online Monitoring of RF Mobile Networks	Miscellaneous
SAN	Tactical Breaching Solutions	Miscellaneous
Life On Air	Group Video Chat Application	Miscellaneous
Genda	Digital Assistant for Construction Site Managers	Miscellaneous
TouchWand	Smart Home Solutions	Miscellaneous
+Reality	Near Eye Display for Virtual and Augmented Reality Glasses	Miscellaneous
MoonRun	Virtual Reality Fitness Trainer	Miscellaneous
BlazePod	Interactive Fitness Training via Mobile Device	Miscellaneous
JUG Technologies	Screen-free Interactive Storytelling Toy	Miscellaneous
MDSG Innovation	Medical Technology Innovation Platform	Miscellaneous
Dolphin Vision	Virus free air-conditioning system for cars	Miscellaneous
remotEMDR	The Online Platform for EMDR Therapy	Miscellaneous
GreenQ	Optimization and Monitoring of Waste Collection	Miscellaneous

>> Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
NewStem	Diagnostic Kit for Predicting Chemotherapy Resistance	Miscellaneous
Sense Education	Open-ended Assignment Feedback	Miscellaneous
EyeClick	Interactive Entertainment Platform for Kids	Miscellaneous
Procomzo	Organizational Knowledge-sharing Platform	Miscellaneous
Kryon Systems	Robotic Process Automation	Miscellaneous
Webcand	Recruitment Automation with Video Interviews	Miscellaneous
Blossom Kc	Business Platform for Training, Recruitment, and Resource Planning	Miscellaneous
Centrical	Enterprise Gamification Apps	Miscellaneous
CYou Retail	Consumer Behavior Analysis	Miscellaneous
Glean Labs	Automatic Competency Mapping Solution	Miscellaneous
Israel Aerospace Industries	Helicopter Flights for VIPs During COVID-19 Pandemic	Miscellaneous
Palram	Provide Protection Solutions Designed to Reduce Employees Infection Chances	Miscellaneous
Chatway	Mobile App for Group Collaboration	Miscellaneous
Overtok	In-site Video Calls	Miscellaneous
RedHill Biopharma	Proprietary Drugs for Gastrointestinal Diseases	Miscellaneous
Rafael Advanced Defense Systems	Military Defense Systems and Related Commercial Applications	Miscellaneous
FitMyTime	Marketplace for Personal Yoga and Fitness Instruction Online	Miscellaneous
Attenti	Electronic Monitoring Solutions	Miscellaneous
Faception	Fast Remote Corona Symptoms Diagnostics	Miscellaneous
Bizzabo	Platform for Event Planning and Management	Miscellaneous
MyHeritage	Coronavirus (Covid-19) Testing Lab	Miscellaneous
WishTrip	Helps Tourist Destinations Weather the COVID-19 Crisis	Miscellaneous
Boon.Today	Advertising Campaigns to Fund Hospitals	Miscellaneous
Kemtai	AI-powered Personal Trainer	Miscellaneous
PAPELIMOS	Advanced Platform for Real-time Video Meetings	Miscellaneous
Airwayz Drones	Quarantine Management Using A Variety of Features	Miscellaneous
monday.com	Team Management Solution	Miscellaneous
Gong.io	Support Sales Teams that Work Remotely	Miscellaneous
Tabit	Online Ordering for Takeout and Delivery	Miscellaneous
Kaltura	Comprehensive Video Solutions	Miscellaneous

Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
Clone - Remote Interactions	Mixed Reality Platform for Remote Assistance	Miscellaneous
Verbit	Distant Learning	Miscellaneous
TechSee Augmented Vision	Remote Visual Assistance Technology	Miscellaneous
Connecteam	Customizable Employee App for Businesses	Miscellaneous
Chorus.ai	Conversation Intelligence for Sales Teams	Miscellaneous
Binfire	Online Project Management Software	Miscellaneous
Radix Technologies	Maximizing The Pedagogical Effectiveness of The Mobile-Device Learning Platform	Miscellaneous
OfficeCore	Mobile Employee Management	Miscellaneous
Waycare	Identify Regional Corona Hotspots	Miscellaneous
UVeye	Detect Potential COVID-19 Fever in Vehicle Occupants	Miscellaneous
IPgallery	Near-Real-Time Public Health & Safety Solution	Miscellaneous
AutoFleet	Complete Platform to Launch Optimized On-Demand Transportation and Delivery Services	Miscellaneous
Bringoz Technologies	Free Home Delivery Service Support to Retailers Addressing COVID-19 Crisis	Miscellaneous
BATM	Covid-19 Home Rapid Test Kit	Miscellaneous
Mobideo Technologies	Digitalizing the Industrial Workforce	Miscellaneous
Matics	Remote Real-Time Management of Shop-Floor Production	Miscellaneous
Cheetah	Restaurant Supply App	Miscellaneous
Flytrex Aviation	Cloud-based Delivery Drone Solution	Miscellaneous
AKOLogic	Agricultural Knowledge Solutions	Miscellaneous
Tender Market	Agricultural Trading Platform for Produce	Miscellaneous
Bringg	Delivery Logistics Platform for the Enterprise Market	Miscellaneous
SparkBeyond	A Dynamic Heatmap that Predicts Places Where A COVID-19 Carrier Is Likely to Pass	Miscellaneous
Qlarium	Screen Providers of Urgently-Needed Medical Equipment and Supplies in China to Beat Covid-19	Miscellaneous
SCADAfence	Safe Remote Access to Critical OT Environments	Protection and Prevention
Pepticom	Novel Peptide Drug Candidates	Protection and Prevention
GlobeKeeper	Voluntary Civilian Monitoring App	Protection and Prevention
Duality Technologies	Allow Authorities to Track Cellphone Locations Without Accessing Data	Protection and Prevention
Iron Drone	Autonomous Counter Drone Solutions	Protection and Prevention
Aura Smart Air	Indoor-air Management System	Protection and Prevention

Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
Track Virus	Mobile Platform for Tracking Infectious Diseases	Protection and Prevention
DataClue.io	Pharmaceutical Research and Development for Discovering New Drug Opportunities	Protection and Prevention
Hamagen	Digital Tool for Fighting the Spread of the Novel Coronavirus	Protection and Prevention
OHK Medical Devices	Orthopedic, Vascular Surgery, and Emergency Medicine Products	Protection and Prevention
AqooA Solutions	Eco-friendly Sanitizing Technologies	Protection and Prevention
IVT Medical	Wound-healing Technologies	Protection and Prevention
Nobio	Biofilm Prevention	Protection and Prevention
Soapy Care	IoT-powered Hygiene Stations	Protection and Prevention
Sion Medical	Dermatological Wound Care and Surgical Products	Protection and Prevention
Sonovia	Antimicrobial Masks	Protection and Prevention
Argaman Technologies	Bio-inhibitive Cotton	Protection and Prevention
Zencity	Data-driven Decision Making for Local Government- Helping Autroritites to Track People	Protection and Prevention
Life Matters	New Modality for Fighting Resistant Bacteria via Biofilm Elimination	Protection and Prevention
TradeGel	Antibacterial Skin Protection Solution	Protection and Prevention
Corsight	Face Recognition Technology	Protection and Prevention
Suspect Detection Systems	AI-based Detection Systems for Coronavirus Mitigation	Protection and Prevention
Tamar Robotics	Robot for Minimally Invasive Neurosurgery	Protection and Prevention
Duram Mask	Emergency Personal Escape Masks	Protection and Prevention
NGSoft	Real-Time Crowd Movement Monitoring in Both Indoor and Outdoor Public Spaces	Protection and Prevention
La Minerva	Antibacterial Technology that Quickly (Eliminates Viruses (Including COVID-19	Protection and Prevention
NSC Nano Sono Cooperation	Antibacterial Nanoparticle Coating Technology	Protection and Prevention
Medivizor	.Health information, personalized. For life	Remote Monitoring
Odoro Global	Digital Patient Access Platform	Remote Monitoring
Medorion	Patient Engagement Platform	Remote Monitoring
Telesofia Medical	Educational Videos for Medical Information	Remote Monitoring
Vaica Medical	Digital Support Platform for Patient Monitoring and Medication Adherence Management	Remote Monitoring
Belong	All-in-one Treatment Management Platform for Cancer Patients	Remote Monitoring
Well-Beat	Personalized Patient Adherence Navigator	Remote Monitoring

Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
MediSparks	Hospital Patient Engagement Solutions	Remote Monitoring
Air Doctor	Marketplace for Matching Travelers with Qualified Physicians Abroad	Remote Monitoring
Wis2Biz	AI-based Weight Loss Platform	Remote Monitoring
Neura	Real-world Artificial Intelligence for Mobile Engagement	Remote Monitoring
Habitu	Interactive Patient Communication Platform for Clinical Trials	Remote Monitoring
Salient Eye	Remote Health System	Remote Monitoring
ATLASense Biomed	Wearable Solution for Clinical Decision Support	Remote Monitoring
NI Medical	Noninvasive Bioimpedance-based Cardiac System	Remote Monitoring
Indoor Robotics	AI-powered Indoor Patrol Drone	Remote Monitoring
Essence	Security, Smart Home, and Telecare	Remote Monitoring
TrekAce Technologies	Wrist-strap Navigator Device	Remote Monitoring
X-trodes	Advanced Monitoring and Analysis of Biopotential Signals	Remote Monitoring
OmnySense	Thermometer-shaped Medical Monitoring Device	Remote Monitoring
MPCHECK	Home Medical Exams with No Medical Staff Presence	Remote Monitoring
MyndYou	AI-based Platform for Better Cognitive Care	Remote Monitoring
Neteera Technologies	Remote Contactless Sensing Platform for Human Vital Signs	Remote Monitoring
Tyto Care	Remote Examination and Consultation with a Physician	Remote Monitoring
ContinUse Biometrics (CU-(BX	Contact-free Patient Monitoring	Remote Monitoring
VenoVision	Remote Monitoring System for Detecting Patient Deterioration	Remote Monitoring
CardiacSense	Smart Watch for Cardiac and Blood Pressure Monitoring	Remote Monitoring
Perlis	Wireless, Remote Patient-monitoring Solution	Remote Monitoring
Cordio Medical	Medical Speech-processing Platform	Remote Monitoring
Kytera	Smart Remote Caregiver for Aging at Home	Remote Monitoring
Elfi-Tech	Noninvasive Remote Monitoring of Physiological Parameters	Remote Monitoring
Cnoga Medical	Noninvasive Devices for Measuring Blood Parameters and Glucose Levels	Remote Monitoring
EchoCare Technologies	Smart Home Technology for Elder Care	Remote Monitoring
RenalSense	Real-time Renal Monitoring	Remote Monitoring

Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
Montfort	Brain Monitor and Remote Treatment App	Remote Monitoring
NanoVation-GS	Nanomaterial-based Sensors for Continuous Monitoring of Lung Function	Remote Monitoring
Beecardia	Mobile Health and Cloud Platform for Cardiology	Remote Monitoring
MyHomeDoc	Mobile Platform for Remote Medical Checkups	Remote Monitoring
Facense	Smartglasses for Vital Sign Monitoring	Remote Monitoring
Serenno Medical	Kidney Health Monitoring	Remote Monitoring
VITALERTER	IoT AI-driven Continuous Contactless Patient-monitoring Platform	Remote Monitoring
Biobeat	Wearable Vital Sign Monitor	Remote Monitoring
Oxitone Medical	Wearable Wrist Sensor and Continuous Care Platform	Remote Monitoring
EarlySense	Contact-free Monitoring Solutions	Remote Monitoring
Somatix	Remote Patient-monitoring Software Solution	Remote Monitoring
Sensible Medical Innovations	Noninvasive Lung Fluid Monitoring and Management	Remote Monitoring
Datos Health	Automated Remote Care Platform	Remote Monitoring
CAARESYS	Vital Sign Monitoring System	Remote Monitoring
PulseNmore	Handheld Ultrasound Device	Remote Monitoring
ResMetrix Medical	Wearable Respiratory Monitoring System	Remote Monitoring
Carbyne	Real-time Emergency Communication Platform	Remote Monitoring
HBR Labs	Online Collaboration Solutions	Remote Monitoring
Airobotics	Automated Drone Platform for Industrial Facilities	Remote Monitoring
RoboTiCan	Autonomous Robotic Solutions- Deployed in Soroka for COVID-19 Patients	Remote Monitoring
Cymulate	Cyberattack Simulation Platform	Remote Monitoring
VocalZoom	Human Temperature Detection	Remote Monitoring
Vayyar	Utilize A Touchless Remote Monitoring System that Detects And Monitors Vital Signs that Can Indicate Early-Stage COVID-19 Symptoms	Remote Monitoring
NanoScent	Scent-recognizing Connected Devices	Remote Monitoring
Newsight Imaging	A Mobile Kit to Detect The Virus in The Saliva Using Only A Light Source	Remote Monitoring
temi	Personal Robotics	Social and Mental Aspects
7Chairs	Online Support Group Platform	Social and Mental Aspects
Rezilient Technologies	Real-time Support Platform for Caregivers of Patients with Dementia	Social and Mental Aspects

Full list of Israeli coronavirus-related technology solutions

Company Name	Short description	Sub sector
Bobe	Digital Platform for Senior Residence Communities	Social and Mental Aspects
Medicavent Technologies	Rapidly Manufactured Ventilator System	Treatment
Q Core Medical	Infusion Pump Systems for Drug Delivery	Treatment
Inspira Medical	Intravascular Oxygenation Device	Treatment
SinuSafe Medical	Disposable Sinus-irrigation Device	Treatment
CardiaCare	Wearable Therapy for Atrial Fibrillation	Treatment
Hospitech Respiration	Airway Management Solutions for Mechanically Ventilated Patients	Treatment
Respinova	Novel Treatment for COPD and Inhaled Therapeutics	Treatment
Onecell Medical	Multi-dimensional Single-cell analysis device enabling breakthrough therapeutic solutions in unknown viral agents (i.e. COVID19) Cancer Cell Therapy and other	Treatment
Stero Biotechs	CBD-based Treatment Solutions	Treatment
Silkim Pharma	Novel Drugs Targeting Inflammatory Pathologies	Treatment
MigVax	Vaccine for Viruses in Humans	Treatment
SuperTrans Medical	Novel Antibiotics for Targeting Resistant Bacteria	Treatment
NeuroRx	Treatment for Bipolar Depression	Treatment
Kamada	Plasma-derived Protein Therapeutics	Treatment
Enlivex Therapeutics R&D	Cell Immunotheraphy for Autoimmune and Inflammatory Conditions	Treatment
Vaxil BioTherapeutics	Developing Cancer and Tuberculosis Vaccines	Treatment
Teva Pharmaceuticals	Generic and Specialty Pharmaceuticals	Treatment
Pluristem Therapeutics	Placental Cell Therapy	Treatment
Can-Fite BioPharma	Targeted Drugs for Cancer and Inflammatory Diseases	Treatment
InnoCan Pharma	Cannabinoid Dermatology Treatment	Treatment

SAMKAI
global strategy

Samkai Global Strategy is an Israeli business services and strategy consulting firm.

Promoting collaborations between companies, customers and investors, as well as providing them a wide range of world-class financial, business and strategy consulting services, Samkai Global Strategy has a pool of more than 300 start-ups, working in the fields of health care, smart city, agri-tech, infrastructure, cybersecurity, clean-tech, etc.

Through highly skilled and professional analysts, Samkai Global Strategy serves domestic and international clients, public institutions and private companies of different scale. Samkai Global Strategy implements multidisciplinary and collaborative approach, taking an idea to a practical implementation through the vision, based on practice and broad experience, deep sector knowledge and advanced analytical capability.

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The company staff comprises specialists in economics, law, management, credit and finance, business development, geography, urban and regional development, energy, environment, marketing, valuation, innovations assists management in making the right decisions on their financial, strategy, marketing, M&A activities, conducting strategic analysis and planning, economic assessments, works with investors and financing entities and budgetary control.

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