

Technology from Intel Capital Firms Helps in the Coronavirus Fight

This list shows Intel Capital firms with technology to help address the coronavirus pandemic.

Company	Company Overview	COVID-19 Impact
 Amenity	<p>Amenity Analytics develops cloud-based text analytics solutions using natural language processing (NLP) and machine learning. Founded in 2015, Amenity currently has more than 50 employees. It is headquartered in New York City and has an R&D office in Tel Aviv, Israel. Gartner named Amenity Analytics a 2018 “Cool Vendor” in AI for banking and financial services.</p>	<p>Using Amenity’s suite of NLP solutions, the company created a health epidemic tracker that analyzes earnings call transcripts to assess how public health outbreaks like the coronavirus epidemic can affect business operations and economic conditions.</p>
 anodot	<p>Business metrics are notoriously hard to monitor because of their unique context and volatile nature. Anodot’s Business Monitoring platform uses machine learning to constantly analyze and correlate every business parameter, providing real-time alerts and forecasts, in their context.</p> <p>Its patented technology is used by many Fortune 500 companies, from</p>	<p>With the COVID-19 outbreak, Anodot is leveraging its platform to keep its employees and the public updated on the pandemic. It has created an online tracker that can monitor cases and also provide</p>

digital business to telecom. Anodot can reduce the time it takes for detection and resolution of revenue-critical issues by as much as 80%.

updates to users when a region's case count has changed drastically.



Avaamo is a developer of an enterprise conversational artificial intelligence platform designed to reinvent the way people communicate, transact and work. The company's platform combines artificial intelligence, machine learning, conversation design and integration with legacy enterprise workflows, enabling enterprises to simplify the time needed to design and deploy enterprise bots or virtual assistants to employees and customers.

Avaamo has deployed conversational AI for healthcare in the UHealth healthcare system. Its platform can assist with the tools and platforms hospitals will need to quickly adapt to care for the higher volume of patients as a result of COVID-19. Its platform allows hospitals to respond to patient questions as well as community questions and needs (i.e., where to get tested, questions about symptoms).



Cloudleaf provides end-to-end solutions for supply chain visibility enabling real-time decisions. The company's Digital Visibility Platform combines the power of the internet of things (IoT), AI/ML and cloud computing to address use cases such as asset tracking, cold chain management and condition monitoring. This enables visibility

Cloudleaf provides continuous visibility into the context, condition, timing and location of material and assets throughout the supply chain. For pharma products, products with cold

and analytics across multiparty supply chains from raw materials to manufacturing to finished product delivery and all the transportation steps in between.

chain compliance and high-urgency items where supply chain tracking is critical, Cloudleaf's predictive capabilities, product tracking and alerts can help ensure supply chain performance.

DataRobot

DataRobot was founded in 2012 under the belief that artificial intelligence is the defining innovation of our time and will fundamentally reshape our future. Today, DataRobot is one of the leading platforms for enterprise AI, partnering with government, commercial and nonprofit organizations around the world to deliver value from data at scale. The DataRobot platform democratizes data science for all users with end-to-end automation for building, deploying and managing machine learning models.

DataRobot's enterprise AI platform has developed models to predict which U.S. counties are likely to have their first confirmed COVID-19 cases in the next five days. DataRobot is providing its services pro bono to help with the response to the COVID-19 virus. DataRobot's COVID-19 response program provides free access to DataRobot's automated machine learning and Paxata data preparation solutions to those participating in the Kaggle competition sponsored by the White House Office of Science and

Technology Policy for COVID-19-related research. The DataRobot enterprise AI platform can deliver production-ready machine learning models and enable customers to deploy, monitor and manage them at scale.



Duality is a developer of a data collaboration solution designed to protect privacy, intellectual property and regulation compliance. The company's platform enables users to apply artificial intelligence and advanced analytics on sensitive digital assets without revealing the actual data, even when analyzed by partners and third parties. It provides data owners full control over the use of their data, enabling organizations to collaborate without compromising on security, privacy or trust.

With Duality SecurePlus™ Query, health authorities can perform effective contact tracing by querying third-party location data providers – like technology or telecommunications companies – to discover individuals who may have been exposed to COVID-19. Because both the queries and the results are always encrypted, personally identifiable information of both sick and exposed individuals remain protected from view by location data providers. It can also prevent healthcare

authorities from needing to be exposed to location information pertaining to non-infected and unexposed individuals.



EchoPixel combines augmented reality (AR) and artificial intelligence to help physicians simplify diagnosis and procedures by providing an interactive 3D holographic experience. When clinical teams work with patient-specific anatomy in an open 3D space, it gives them smart insights into a patient's unique challenges and treatment opportunities. This enables them to achieve improved clinical outcomes and improved operational efficiency. The solution is deployed in over 30 hospitals worldwide.

EchoPixel's technology has the potential to enhance the diagnostic process by facilitating understanding of the extent of lung damage related to COVID-19. Once lung damage is present, patients may need to undergo surgical procedures, such as VATS (video-assisted thoracic surgery) where True3D can help physician teams perform surgeries with less risk and a more predictable outcome.



Healx is an artificial intelligence-powered and patient-inspired technology company, accelerating the discovery and development of rare disease treatments. Its AI drug discovery platform leverages public and proprietary biomedical data, and features the world's leading

Combination therapies are particularly difficult to discover. To uncover potential combination treatments for COVID-19 requires

knowledge graph for rare diseases. Combining its technology with patient insights and drug discovery expertise, Healx is positioned to make a contribution to the global effort to combat COVID-19.

detailed analysis of the 8 million possible pairs and 10.5 billion drug triples stemming from the 4,000 approved drugs on the market. Healx's AI platform, Healnet, overcomes this challenge by integrating and analyzing biomedical data from multiple sources to predict those combination therapies most likely to succeed in the clinic. Healnet is widely regarded as the world's most efficient and comprehensive for rare diseases.



K4Connect is a mission-driven company creating solutions that serve older adults and those living with disabilities. The company's solutions are built upon FusionOS ("the operating system for where you live"), a patented software and IoT integration platform employing an edge-cloud hybrid architecture designed to be open, modular and scalable. The company's first solution, K4Community, is specifically designed for the residents, staff and operators of senior living communities. For

K4Connect provides an integrated resident application and voice technologies that enable residents to communicate with family and friends via video conferencing, messaging and voice capabilities; staff and family to monitor that residents are safe

residents, K4Community integrates the best in smart home products, connected wellness devices and social engagement technologies, while staff is able to monitor and manage these functions using K4Community's next-generation enterprise management system. The company has also pre-announced plans to introduce the K4Community solution, K4HomeCare, for seniors living at home and their family caregivers.

by using in-residence sensors; residents to report health measurements using connected health devices; staff and residents to stay connected even when isolated; residents and families to view the latest updates including notices and community updates; and staff to monitor analytics that take data from sensors/devices and automate actions using machine learning techniques (recognizing patterns that might trigger wellness concerns). Compared to disparate applications and technologies and their siloed data, the K4Community system can wrap all these devices, technologies and services into a single system for the residents (app and voice), with the associated data and communication

capability, all of which is visible to the staff via an integrated dashboard. As K4Community is a software “operating system” for the community, the company integrates the best in technology (devices, application, services, systems) from others. The company currently serves over 30,000 residents and is expanding rapidly as senior communities look to expand their use of technology.



Founded in 2010, Medical Informatics Corp. is setting a new standard of care founded on software-based patient monitoring, real-time predictive analytics and patient-centered healthcare. The company's FDA-cleared Sickbay™ clinical surveillance and analytics platform created for ICUs unlocks and processes all patient data that is currently thrown away, specifically, the 800,000 samples an hour of waveform monitoring data from disparate critical care bedside devices.

Medical Informatics Corp.'s platform assists with the tools and platforms hospitals will need to quickly care for and monitor the increased volumes of patients given COVID-19 (critical patient care, remote patient care). Its platform can unlock data for remote monitoring, waveform integration,

predictive medicine and risk stratification. It is also an FDA-cleared software-based monitoring and analytics platform.



Mesmer, the leader in RPA in Development (RPAD), uses artificial intelligence-powered bots to speed up software development. Engineers offload time-consuming tasks to bots, starting with mobile app testing. Deep learning automation (DLA) enables bots to autonomously interact with mobile applications to find customer experience bugs. The result is faster releases, happier engineers and higher customer satisfaction. Mesmer is headquartered in Palo Alto, Calif.

The Mesmer team expects a spike in usage of telemedicine apps, which historically have not been stress-tested. Teams will be under pressure to add new features and fix bugs, but may not have the time to add resources to the team. As a result, Mesmer announced that it would offer free mobile app customer experience testing to telehealth apps for the duration of the COVID-19 crisis. Mesmer's software robots can help these teams deliver more features faster, and, more important, help them service at least 1 million patients remotely.



Reveal Biosciences is creating artificial intelligence technologies for the analysis of whole-slide pathology images that can increase accuracy, reproducibility and scale.

Reveal Biosciences' platform can help in the analysis of biopsies by pathologists in a remote setting during the COVID - 19 crisis. It can also aid in the quantitative analysis of pathology slides for COVID-19 therapies using repurposed molecules.



Sprinklr is the world's leading Customer Experience Management (CXM) platform, providing enterprise software that helps organizations reach, engage and listen to customers across 36 modern social and messaging channels. Founded in 2009, the company has grown to 1,800 employees globally, supporting more than 1,000 of the world's largest and most valuable brands – from Philips to McDonald's to Microsoft.

When it became clear COVID-19 would impact every business, Sprinklr quickly made listening dashboards available to each of its customers, giving them a way to make sense of conversations taking place on social channels like Twitter. Sprinklr also adapted its existing capabilities for the public sector, working with the World Health Organization to power its [COVID-19 dashboard](#) and [Messenger chatbot](#), as well as several U.S. states to help

them understand the specific issues residents are talking about and grappling with (e.g., “can’t pay rent”, “can’t get tested”). Sprinklr is also guiding organizations as they transition from phone-based call centers to remote customer care centers – leveraging social and messaging channels to respond faster, deliver a better customer experience and reduce cost.

SYNTHEGO

Synthego is a genome engineering company that enables the acceleration of life science research and development by leveraging machine learning, automation and gene editing to build platforms for science at scale.

The company recently launched multiple genome engineering tools that can enhance COVID-19 research and development effectiveness by providing scientists with agile CRISPR-based technology to enable more rapid research and development of COVID-19 diagnostics, therapeutics and vaccine.



VeriSIM Life is a developer of disease-specific simulation models that have the goal of replacing animal drug testing by using artificial intelligence. The company's models use intelligence-driven biosystem simulations to truly personalize patient treatment, enabling pharmaceutical scientists to improve the accuracy and efficiency of drug development and make personalized healthcare a reality.

VeriSIM Life has a modeling platform to help pharma and biotech speed up and drive efficient pre-clinical testing without compromising on accuracy. This platform could be used to test safety and efficacy of vaccine or drugs (small molecule or antibody) development against COVID-19.

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