

CIOR Review

The Navigator for Enterprise Solutions

IoT SPECIAL

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20 Most Promising IoT Solution Providers 2018

The way everything in the world today is connected to each other can be considered as an epitome of technological advancements. The Internet of Things (IoT) has revolutionized and bridged the virtual and real worlds with a plethora of technology such as biochip transponders, and heart monitoring implants, to smart cities and connected devices. It has become a ubiquitous phenomenon as evidenced by the proliferation of smart appliances, wearable devices, and digitally-optimized vehicles, promising to improve the productivity levels, across industries, and the quality of life in general.

From the convergence of wireless technologies, the Internet, and the micro-electromechanical systems (MEMS), the world has seen the evolution of IoT. This convergence has connected the operational technology (OT) and information technology (IT) in a much more efficient way and has allowed several unstructured data to be analyzed for insights which have driven

in several improvements in connectivity around the globe. Leveraging the latest trends in IoT such as the blockchain, SaaS, and cognitive networking, multitudes of technologists, solution providers, and startups are pushing IoT with innovative solutions, giving enterprises new dimensions of business workflows and processes like never before.

To help CTOs, CIOs, and CEOs find the right IoT Solution Provider, a distinguished selection panel comprising of CEOs, CIOs, VCs, industry analysts, and the CIOReview's editorial board has selected a list of IoT solution Provider that exhibit innovative technologies combined with latest financial strategies.

We have considered the vendor's ability in building solutions and services that can effectively yet economically account for a productive wealth management, keeping in mind the factor of time-focused delivery. We present to you CIOReview's "20 Most Promising IoT Solution Providers - 2018".

CCP Technologies Limited (ASX:CT1)

recognized by CIOReview magazine as



An annual listing of 20 companies that are at the forefront of providing IoT solutions and impacting the marketplace

Company:

CCP Technologies Limited (ASX:CT1)

Description:

CCP Technologies is spearheading the food storage and safety innovation with a next-generation IoT based critical control point (CCP) management system

Key Person:

Michael White
 Executive Director & CEO

Website:

us.ccp-network.com

CCP Technologies Limited (ASX:CT1) Preventing Food Safety Hazards through IoT

Providing quality food is on top of mind for companies in the global food industry. However, the short shelf-life of many perishable food items presents a great challenge for food suppliers and processors to keep it safe and uncontaminated. The majority of businesses in the food industry are still



Michael White

deploying archaic practices of manual-driven paper-based records for monitoring food condition. Given the stringent regulatory requirements for food safety, companies need to curb manual practices which often yield inaccurate information. Today, most food businesses are looking to adopt innovative automation-driven technologies that can effectively monitor and control the temperature in the food safety environments. Spearheading the food storage and safety innovation with a next-generation IoT based critical control point (CCP) management system, CCP Technologies Limited is helping businesses overcome food safety and quality challenges. The CCP system monitors refrigeration performance in real-time and controls the operational processes to ensure the food meets the necessary government compliance mandates. "CCP helps clients to proactively reduce food wastage and increase monitoring effectiveness and cost performance," says Michael White, Executive Director and CEO of CCP Technologies Limited.

CCP Technologies offers wireless sensor smart tags that are installed in the temperature controlled environments such as refrigerators, display cabinets,

and cool-rooms. With the help of advanced Internet of Things (IoT) network, the CCP system collects data from the sensors across multiple locations in real-time. The collected data is then transmitted to the cloud, where it is analyzed to generate insights about the temperature variations and its impact on food safety.

Enabled with this business intelligence, businesses can make better decisions and take relevant actions to keep food in the best possible condition. The CCP system also provides multiple dashboards that run on both web and mobile platform, providing businesses with real time updates on food safety in real time.

“**Unlike other food safety monitoring solutions, we deploy a range of technologies such as Wi-Fi, NFC, 4G Cellular, and Sigfox to provide the most reliable and cost effective communication available**”

In case of adverse events—such as sustained temperature breach over a time period—CCP relays notifications to its customers. “Unlike other food safety monitoring solutions, we deploy a range of technologies such as Wi-Fi, NFC, 4G Cellular, and Sigfox to provide the most reliable and cost effective communication,” explains White.

To elaborate more on CCP Technologies' product and support

system, White cites a scenario where one of its customers, despite having a food monitoring and management system, was lacking the notification feature on real time events. Managing out-of-tolerance scenarios posed a stiff challenge. Leveraging CCP Technologies' food monitoring and management system, the client was able to monitor and record temperature conditions in real-time, and send notifications during adverse events. CCP Technologies enabled the customer to operate more proactively, identify potential hazards, and communicate that to the teams through mobile device.

Having created a niche for itself in the food safety management arena, CCP Technologies now plans to continue to provide innovative monitoring solutions and complimentary services that help them move up the chain in the food industry. “We also associate with

distributor and refrigerator partners who act as resellers, significantly extending our growth opportunities,” affirms White. They are also focused on expanding their footprints in Australia and North America to extend their market reach. “Considering the massive potential of our IoT-enabled monitoring technology, in 2018, we are planning to service the health industry to monitor vaccine storage environments,” concludes White. **CR**