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IOT SPECIAL

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## 50 Most Promising IoT Solution Providers - 2019

Today, the Internet of Things (IoT) is empowering organizations by allowing virtually endless connections that result in enhanced agility, scalability, and optimized business processes and workflows. The popularity of IoT devices is highlighted by the rapid proliferation of smart interconnected appliances, wearable devices, and IoT-based smart vehicles. With its widespread applications, IoT is boosting productivity across industries while also improving the quality of life in home and work environments.

IoT solution providers are combining technology with analytics in order to generate value for a business and its customers. Further, IoT devices are aiding software developers and device manufacturers in addressing complicated challenges in their respective areas of work by enabling real-time tracking and information sharing of core processes. Additionally, to address the need for effective security measures created by the growing number of interconnected

devices, IoT vendors also offer IT security software to enable customers to deploy, monitor, and secure their applications and infrastructure.

IoT devices are helping businesses and consumers alike to build a smarter world and create an environment where the seamless and real-time sharing of data and information increases the effectiveness of core operations—improving the way of life.

This edition of CIOReview presents to you, the “50 Most Promising IoT Solution Providers 2019,” featuring technology providers that are radically changing the field of interconnected devices. Over the past few months, a distinguished panel of CEOs, CIOs, VCs, and the editorial team of CIOReview has reviewed companies in the IoT sector and selected those that are spearheading the charge against the challenges of the industry.

We present to you, “50 Most Promising IoT Solution Providers – 2019.”



**Company:**  
WebNMS

**Description:**  
WebNMS is a leading provider of enterprise IoT platform and solutions that maximize the potential of connected business infrastructure

**Key Person:**  
Karen Ravindranath  
Director

**Website:**  
webnms.com

## WebNMS: Powering Business Excellence

Across the globe, as IoT takes over almost all aspects of operations, OEMs are on the move to make their devices IoT enabled to keep up with the changing technology. With organizations adopting IoT into their functions using these OEM's smart devices, there arose a requirement for a platform that could act as an IoT application layer for the devices that were used and the hardware that was at the forefront. To address this necessity, WebNMS, the IoT division of Zoho Corporation channeled its research and brought in its IoT platform to help businesses unleash the potential of IoT.



Karen Ravindranath

WebNMS provides a complete end-to-end framework where it takes care of everything from edge computing to data acquisition from different kinds of equipment

“The WebNMS IoT platform provides a complete end-to-end framework where it takes care of everything from edge computing to data acquisition from different kinds of equipment,” states Karen Ravindranath, Director of WebNMS. “In case of application enablement platforms, it provides the framework or core set of

supplies equipment to their customers. They required an IoT platform to develop a textile industry specific solution that utilizes their domain expertise and benefits their customer base. The client had come across a challenge of gathering data from the equipment that is been deployed at their customer base, and deriving meaningful insights out of the data. WebNMS helped the OEM client to bring in the data from various equipment or assets by integrating its IoT platform and customizing it to target a specific domain, which was the textile industry in their case. This data was then processed in to meaningful insights as domain-specific reports for better decision-making. Not only did the platform provide them flexibility in terms of customization, but it also reduced the time to create and release a product into the market as well as replicate and install it in multiple customer sites. This brought in the enormous change that the OEM was looking for, thereby increasing the pace of its functions.

features over which the person or vendor builds an IoT application and adds their own layer of business intelligence to customize the application,” she adds. Once the data is acquired in the WebNMS, it is transformed, analyzed, made into a report, dashboarded, and visualized to the frontend application with the web layer provided as well. Everything is modularized and put together as a single piece in the platform for easy access to the user.

Once a customer deploys the WebNMS platform, it on-boards the IoT devices and data of the customer onto the platform, allowing them to customize their business logic to decide what is to be done with the acquired data. The platform extracts the basic data from the equipment and provides high flexibility in terms of customizing the business layer to create an entirely rebranded solution that is domain or use case specific.

One of the WebNMS' OEM client whose customer base majorly revolves around textile industry manufactures and

WebNMS as a global corporation aims to be constantly on the edge of technology and focuses on research and development to understand the changing trends in the market and bring value to its products with its primary market focused on North America. With extensive research in AI, WebNMS has created its own AI assistant that works with its various products in the IoT space.

As more organization across industries onboard the IoT bandwagon to take advantage of the growing data, WebNMS aims to bring in more innovation into the IoT landscape and expand into the Mexican and Brazilian market. It also intends to add value to the WebNMS platform by making it more secure by including end-to-end data encryption and complying with the latest standards. CR