Top 25 IoT Solution Providers - 2017

Following the first two waves—fixed internet and mobile web—the third wave of the disruptive technology, Internet of Things (IoT), has unleashed a tsunami of innovation, opportunities, and associated benefits. The extensive features of IoT excite business leaders as this ecosystem of interconnected devices has the potential to disrupt industries from healthcare to hospitality, e-commerce to education. Along with benefits of higher efficiency, energy conservation, remote monitoring, heightened communications, and increased productivity, IoT is also an area of high profitability. Cheaper sensors and cheaper processing, complimented by the ubiquity of mobile devices, have accelerated the IoT wave that businesses are leveraging to derive efficient logistics and improved communication, to state a few.

However, the lack of standardization and the persistent issue of privacy and security of data are impediments core to the hesitancy engulfing IoT adoption. Nonetheless, the hype of IoT has stimulated a large number of solution providers creating a healthy competition in an arena where monopoly is far beyond the horizon. These solution providers are helping businesses effortlessly ride the IoT wave, by innovatively catering to the generic challenges within IoT.

The current edition of APAC CIO Outlook presents "Top 25 IoT Solution Providers of 2017" that are helping businesses adopt the IoT technology trends. The organizations featured are some of the most prominent ones in the industry, chosen on the basis of their comprehensive range of offerings, infusing cost-effectiveness and inducing operational efficiency. The aim of this proposed list is to help SMEs and corporations find a befitting IoT solution provider that helps to devise sensor-driven strategies and to achieve desired business outcomes.

Infinite Uptime

Recognized as

APAC CIOOutlook TOP 25

IoT

SOLUTION PROVIDERS - 2017

The annual listing of top companies providing IoT Solutions in the APAC region

Annie Johnson
Annie Johnson
Managing Editor

Company:

Infinite Uptime

Key Person:

Raunak Bhinge
Founder

Description:

An industrial IoT solution provider harnessing artificial intelligence for improved productivity and quality, monitoring, and predictive maintenance

Website:

infinite-uptime.com

Infinite Uptime:

Revolutionizing Industrial IoT with Dual Computing

A 'cloudy' abode might not be enough for the future of Industrial IoT. It is significant to synchronize cloud computing with a computing platform right at the edge of IoT sensors, to yield better results. This exactly resonates with Raunak Bhinge, Founder of Infinite Uptime, a company that attempts to 'make it easy to get into Industry 4.0'. The organization provides intelligent turnkey IoT solutions rooted on a dual inter-communicative platform of edge and cloud computing.

> At a time when organizations are shifting to a software-centric domain, Infinite Uptime strongly focuses on their own hardware to enable a dual edge and cloud learning and computing platform

Infinite Uptime delivers a 'plug and play' Industrial IoT platform with data-driven solutions predominantly for engineering, Original Equipment Manufactures, and processing industries. A blend of predictive, operative, and test rig capabilities, the company's flagship products, IDE and IDAP, designate Infinite Uptime's IoT services. Operative maintenance monitors and characterizes industrial equipment in terms of performance parameters, while its Predictive counterpart predicts impending failures in the same. The IDE–Industrial Data Enabler - is a battery-powered, non-invasive, multi- sensor computing system with communication protocols that magnetically fits, just like a stethoscope, onto any equipment. It proffers an industry-certified edge computing platform for real-time machine assessment grounded on equipment's motion, vibration, velocity and acceleration, displacement, frequency spectra, pressure, temperature, noise, and GPS location. IDE seamlessly interconnects with the IDAP, Industrial Data analytics Platform, facilitating a two-layer communication of computing and analytics. IDAP serves as the feasible cloud equivalent that incorporates unique pattern recognition technology for operative and productive maintenance. In addition, it blends diverse functionalities related to OEE improvements, trend analysis, dashboarding, and ISO reporting along with multi-sensor function capacities.

The discretion of Infinite Uptime lies in its stratagem of vertical integration between software and hardware. At a time when organizations are shifting to a software-centric domain, Infinite Uptime strongly focuses on their own hardware to reduce extra dependencies. "In the future, Industrial IoT is going to involve solutions where the hardware and the software, as a complete solution, learn, adapt, and become increasingly aware of the equipment they are installed on – and edge computing with cloud computing is the way this can be achieved," affirms Bhinge. Focusing on end-to-end control, they have already established their own manufacturing and assembly stations in India. 'Plug and play' design as a result of self-manufactured hardware enables ease of installation and cost optimiza-

Raunak Bhinge, Founder

tion to customers. Dual edge and cloud computing and analytics drive their solutions to be versatile, easily scalable, and configurable fostering in-house capabilities of data source customization with complete connectivity. The company's proprietary pattern recognition technology help firms optimize tool life, digitize heterogeneous machinery, and reduce consequential losses in existing infrastructures that would have gone undetected otherwise.

Consolidating on their foundation in India, Infinite Uptime looks forward to expanding to the Asian market in the coming year, with project proposals pouring in from China and Japan. They also boast easy deployment of services anywhere in the world, especially Europe, America, and South East Asia thereby asserting a global presence in a short span of time. Putting diligent efforts into refining their edge computing platform for improving the portfolio of IoT solutions, Infinite Uptime envisions applying fog computing as well for better control, security, and accessibility. Backed by partnerships with multiple Fortune 500 companies, Infinite Uptime excites a ripple of innovation in the expanse of automation and data exchange industry technologies. **ACO**