

Bosch Engineering and Business Solutions Unveiled New Phantom Edge in UAE



Media & Technology

27 May, 2021 / 03:26 pm / Reeny Joseph



Robert Bosch Engineering and Business Solutions (RBEI) unveiled the new Phantom Edge in the United Arab Emirates (UAE). Phantom Edge is an AIoT platform, which combines the power of Artificial Intelligence and the Internet of Things to provide real-time view of electrical energy consumption, operating usage, electrical parameters, and appliance-level information.

Speaking during the launch, Dattatri Salagame, President and Managing Director of RBEI said, "With over 130 years of deep engineering experience solving real-world problems and catering to the demand for niche solutions across industries, Bosch's Phantom Edge is a powerful ecosystem designed to be leveraged for industries who are jump starting their digital journey. Phantom Edge has potential applications in a number of industries like healthcare, retail, commercial spaces, agriculture, mobility, industrial manufacturing etc. RBEI's vision is to provide smart solutions for the globe and Phantom Edge is a step in that direction. We believe we have built a product that is truly invented for life."

Phantom Edge uses non-intrusive sensors to collect power signatures and ML algorithms sitting on the edge, analyses these signatures to provide a real-time view of electrical energy consumption, operating usage, electrical parameters, and appliance-level information and thereby creates its digital twin. This information will help in improvising sustainability and productivity metrics. It also provides input on critical safety, machine maintenance and early warnings on malfunction. The solution also comes with a cloud-based SaaS application with a capability to give real time alerts and notifications for customers to act upon the asset's productivity and energy consumption.

Addressing the real need of the hour Kaushik Sarkar - Senior Vice President and Director, RBEI said, "Bosch Phantom Edge will stand as a strong pillar for various industries to significantly improve their machine efficiency which is the cornerstone to secure India's digital future. For Industry 4.0 to reap its true benefits, there needs to be a seamless integration of the value stream that includes the entire supply chain. Also, Bosch Phantom Edge's non-intrusive design eliminates the concerns of meeting industry standards for the OEMs. As customers form the core of our focus, the Phantom Edge is developed as a perfect solution for monitoring equipment status and metrics in real-time."

Phantom Edge is a powerful ecosystem on the cloud and on-premise that delivers manufacturing efficiency, real-time alerts and notifications for timely actionable insights. A user configurable portal and dashboard provides transparency and visibility of factory operations, worker productivity and machine effectiveness. It automates data capture and measures accurate down times by providing timely, bias-free and precise data that form the basis for managers to set targets, track performance, analyze, and improve on a continuous basis.

Tags

RBEI # Phantom Edge # ArtificialIntelligence #InternetofThings #Dattatri Salagame # KaushikSarkar