

Microsoft to invest \$5bn globally in IoT

It will impact the Internet of Things market in India which is gaining pace by saving power, resources and more

New Delhi: Tech giant Microsoft announced that the company will invest USD 5 billion in the Internet of Things (IoT) globally over the next four years to support continued research and innovation in IoT.

With Microsoft's IoT platform spanning cloud, operating system and devices, Microsoft is simplifying the IoT journey so any customer regardless of size, technical expertise, budget, industry or other factors' can create trusted, connected solutions that improve business and customer experiences, as well as the daily lives of people all over the world.

This will support Microsoft's technology platform, as well as supporting programs thereby enabling continued research and development in key areas, including securing IoT, creating development tools and intelligent services for IoT and the edge, and in-

vestments to grow our partner ecosystem. Customers and partners can expect new products and services, offerings, resources and programs.

For the Indian market, the investment will ensure that Microsoft continues to meet all its customers' and partners' needs, both, now and in the future as they develop new and increasingly sophisticated IoT solutions. IoT is gathering momentum in India, and impacting daily lives: saving electricity, resources, predictive healthcare, automobile safety and more.

In the recent past, IoT is being increasingly used in a number of fields. Authorities across states have turned to IoT to monitor drinking water quality for its citizens. Tech-Span Engineering has implemented a monitoring system built on the Azure IoT platform, using sensors provided by the Austrian firms and their



POLLUTION CONTROL

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India Partner Aaxis Nano. Using the power of the Microsoft cloud, IoT and data, the solution taps into the robust scan sensors to provide measurements across 17 parameters from Chemical Oxygen Demand (COD) and Biological Oxygen Demand (BOD), Chloride and Fluoride levels to tem-

perature and color.

The solution is currently being used for monitoring drinking water quality online by the Bangalore Water Supply and Sewerage Board (125 stations) and Karnataka Urban Water Supply and Drainage Board (KUWSDB) in Hubli, Dharwad and Bijapur (3 sta-

tions). Furthermore, it is being deployed for online surface water quality monitoring by Central Pollution Control Board, New Delhi (44 stations) and Central Water Commission, New Delhi (3 stations); online industrial pollution monitoring (1500 stations); on-line sewage treatment and flow

monitoring by Delhi Jal Board (36 stations).

Furthermore, Microsoft Azure IoT is powering India's first Smart Street Lighting Project for Jaipur, underscoring Microsoft's mission of transforming public spaces digitally. The Jaipur Municipal Corporation (JMC) operates and maintains over 100,000 public street lights within the city. However, one of three in these lamps did not work and many others functioned poorly, leading to several areas of the city being in the dark.

Microsoft's partner Samudra LED has now deployed a customised Microsoft IoT-platform-based solution created by ISV Precimetrix to monitor, control and manage smart LED public street lights. The project will benefit 1.65 million people through improved street lighting and a reduction of greenhouse gas emissions by 36,750 metric tons/year.

—ANI