

INTEGRATING IoT INTO OPERATIONS TO MAXIMISE EFFICIENCY

We are operating in a time when virtually anything can be connected to the internet, creating a global network of physical devices that are collecting and sharing data – referred to as the Internet of Things (IoT). IoT can offer huge benefits for utilities, such as optimising asset performance, enhancing the customer experience and improving operational efficiency, but integration within current systems and processes can be a challenge.

IoT has grown significantly over the last decade, but utilities have been slow to realise its advantages. Part of the problem comes from many utilities being unsure how to integrate IoT into their current systems and processes.

Some organisations invest in an IoT platform, which must then be integrated with various core enterprise applications such as CRM, procurement and field service. IoT platforms must handle problems like connecting and extracting data from a potentially vast number and variety of endpoints, which are sometimes in inconvenient locations with spotty connectivity.

Gavin Evans, CEO of ConnectiX Technologies, said that this can create a major capital outlay, and with hundreds of different platforms to choose from, can leave utilities uncertain of the best solution.

"ConnectiX was developed to enable you to utilise your existing systems, whilst allowing collaboration with your supply chain on disparate systems, at low cost. Based on Cloud Platforms, including IBM Bluemix platform, ConnectiX takes advantage of numerous emerging IBM technologies, all available to you without major capital outlay.

"Use of the ConnectiX IoT aggregate platform avoids vendor lock, maximises use of emerging technologies and communications networks, and allows seamless integration into your organisation's current systems."

While utilities can use the numerous software offerings available to solve individual problems, ConnectiX is the only integration solution that can solve all of them in the one platform. It provides a single entry point across the back office and supply chain with users only needing to connect once, rather than every time a new product is introduced.

"ConnectiX aims to enable simple development, exchange

and actioning of information across supply chains. Using leading edge technologies including Internet of Things, AI and blockchain, ConnectiX can seamlessly connect you to your assets, suppliers and clients." Mr Evans said.

CREATING A COLLABORATIVE SPACE FOR THE WHOLE SUPPLY CHAIN

IoT offers utilities a number of opportunities to connect with their customers, their assets and their supply chain. It provides incredible insights and data that utilities can harness to make more informed decisions, as well as gain information on how to better deliver services, manage infrastructure and meet consumer needs.

Mr Evans said that ConnectiX allows ready connection to multiple IoT devices and applications without the need to embrace new systems and communication networks, improving data sharing and information exchange.

"Remote sensors and devices can be captured across your supply chain and integrated into your current systems, giving real-time visibility, access and control. Both remote and organisational information can be shared in real time with contractors, consultants and field staff without the need for a common workforce management system."

ConnectiX can be launched on any internet enabled smart device, allowing everyone to use their own device – whether it be iOS, Android or Windows – and eliminating the need to mandate a particular device across the internal and external workforce.

ConnectiX also meets the strictest security standards with data being hosted in T4 certified data centres. It is SCC compliant, with SecOps and ASIO clearance, and passes Australia's strict sovereignty rules. **U**

Collaborating with your supply chain to achieve your full potential



Achieve complete transparency between you and your suppliers by tracking job progress and controlling external and internal data in one collaborative space.

No duplicates, no double handling. A single entry system connecting your supply chain, work orders, purchase orders, contractors and suppliers.

It's that simple.

