



At Triple i, we embrace the latest technology and innovations to ensure our clients not only have their needs met, but so they gain an advantage within their field. From IIoT sensors and wireless networks to visualisation technologies, we have the pioneering products that deliver the desired outcomes for your plant.

Industrial Internet of Things (IIoT) makes available more operational and process data which provides useful, real-time information to whomever needs it, whenever they need it, wherever they are. Our IIoT solutions are designed fit for purpose – meaning they are created for you and your specific needs. They may involve solutions for:

- Hardware supply, configuration, & testing, for measurement, monitoring & control
- Workforce up-skill and training, & change management strategies
- Identifying sources of data & information architecture audits
- Data structure, interfaces, communication drivers & standards development
- Report configuration for live & historical data
- Proof of concept engineering

IIOT SENSORS

Whether standard or customised solutions are required, our Sales Solutions team provide reliable, flexible, high-performance sensors and switches suitable for various networks including LoRaWAN. Our wide range can be used in a variety of functions from measuring temperature and humidity to vibration and pressure, and more. With solutions for designing a new system or retrofitting your existing processes, we are ready to tackle your toughest application challenges.

WIRELESS & CLOUD TECHNOLOGY

We specialise in Low-Powered Wireless Networks when connecting devices to the internet and cloud technology. Offering various protocols including, LoRaWAN and NB-IoT network protocols, we can devise an IIoT strategy for large scale operations. We ensure your assets are always functioning and sensing accurately, and data is being shared in real-time, when you need it.

VISUALISATION

Our team of specialists has developed systems and integrations which allow for greater access to information, and control of assets using visualisation and Augmented Reality (AR). Viewing data, such as sensor data or asset data, in real-time is imperative in ensuring your operations are functioning accurately. This can be achieved in several ways, one of which is through ARDI (Asset Relationship and Data Integration) and Process Digital Twins. ARDI is an innovation platform enabling rapid development and deployment of real-time, contextual asset information solutions. ARDI uses IIoT technology to deliver knowledge that is convenient and easily understood when and where you need it. We use digital twin processes to assist with visualisation and analysis of live data. Digital twins simplify processes and generates improved outcomes as it allows for model simulation to test and verify, ensuring equipment and processes are functioning without disrupting production.

To get started on your project, contact us today! Visit our website www.triplei.com.au/sales-solutions/, or call us today on 1300 422 444.



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