

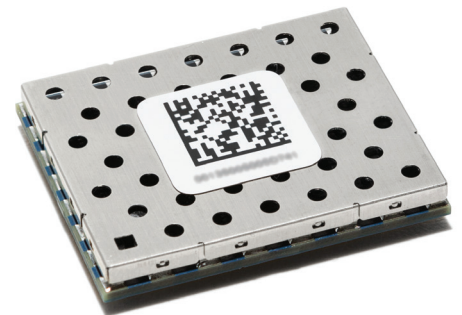
Milli 5

Wireless Mesh Connectivity for Battery-Powered Devices

DELIVER BREAKTHROUGH USE CASES FOR THE INDUSTRIAL IoT

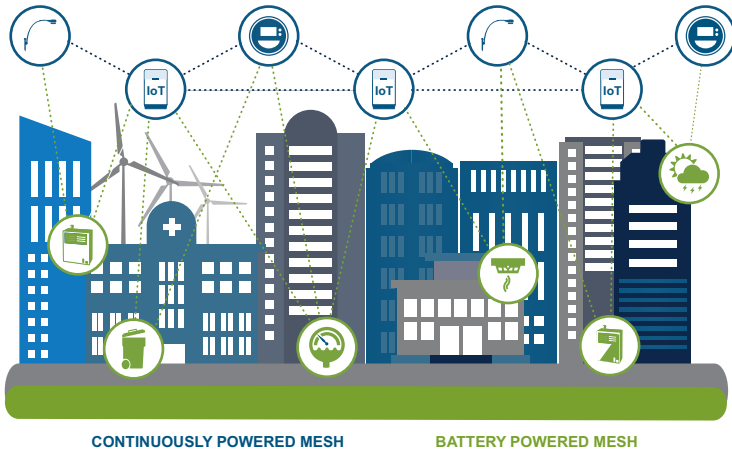
The Itron Milli 5™ is a sub-GHz wireless communications device optimized for battery-powered devices. Milli removes many of the cost, power and size limitations traditionally associated with small, battery-powered edge devices, unlocking a new era of cost-effective connectivity for the Internet of Important Things™. With multi-layer security, standards compliance,

and native IPv6 addressing, IoT developers can power a wide range of intelligent devices for up to 20 years in the field. The economics and small size mean that utilities, cities and businesses can now make the business case to reliably connect nearly any device, delivering the intelligence and control to enable a new class of IoT applications such as asset monitoring, environmental and acoustic sensors.



PRODUCT HIGHLIGHTS

- » Near real-time alerts for sensors requiring extremely high reliability.
- » Alerts, and on demand or scheduled reads optimize data feeds for diverse applications.
- » End-to-end security with secure encryption and device authentication.
- » Configurable meshing optimizes connections for reliability or extended battery life.
- » Over-the-air firmware updates ensure that devices always support the latest capabilities.



The Complete Solution to Enable Battery Powered Smart Devices

Milli 5 is a fully integrated communication module that includes robust hardware-based security, memory, and an RF front-end to reduce the overall size and cost of an integrated IoT solution. Milli leverages the proven technology of the Itron Platform to deliver industry-leading capabilities in a coin sized form factor:

Robust, reliable and secure connectivity

- » Proven mesh technology ensures reliable communications

Superior performance

- » Bi-directional communication with 22 dB Tx power to extend range
- » Over-the-air upgrades ensure up-to-date functionality and security

Lower total cost of ownership

- » Multi-application platform reduces the cost of network infrastructure

Integration flexibility

- » Power-efficient modular design simplifies development

Extended service life

- » Upgradable firmware and up to 20-year battery increases field longevity

EXTENDING THE ITRON PLATFORM TO BATTERY POWERED DEVICES

Milli 5 leverages Itron's proven multi-application platform and widely adopted industry standards to deliver connectivity and control to battery-powered industrial IoT devices. Itron utilizes an RF mesh architecture to enable seamless connections across heterogeneous device deployments. Milli connects to the Itron network through a variety of continuously powered devices, including Access Points, Relays, electric meters, street lights and IoT Edge Routers, providing multiple redundant takeout points for IoT endpoint data. By leveraging Itrons' installed base of more than 27 million IoT devices, solution developers can streamline implementation and offer a lower total cost of ownership than traditional, single purpose IoT solutions.

SIMPLIFY DEVELOPMENT WITH THE ITRON DEVELOPER PROGRAM

- » Gain access to new markets and opportunities with a low barrier to entry serve Itron's global customer base.
- » Leverage widely adopted industry standards to seamlessly connect your innovative devices and applications.
- » Access comprehensive resources including tutorials, industry documentation and reference applications with high fidelity data from meters and line sensors.
- » Order developer kits to build and prototype IoT solutions.
- » Accelerate time to market by designing, testing and validating solutions on an Itron network.

Itron

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