wireless logic

Device Management

Device Management from Wireless Logic enables solution providers, OEMs and global corporations to monitor and remotely manage IoT devices and hardware in real time.

Customers who deploy IoT devices, routers, gateways, single board computer and industrial PC based devices can benefit from real time monitoring of device data such as location, temperature, signal strength and other device parameters.

Device Management also enables users to manage devices including configuration changes, firmware updates, diagnostics and data collection all through one platform. This removes the need to toggle between different systems from different vendors which removes administrative overhead and cost.

Devices and data can be protected by advanced network security measures which can detect and manage eSIM theft or other rogue device behaviour.

Find out more about Device Management… ➤

The challenges of
managing IoT devices

Managing diverse devices and protocols

Handling large-scale deployments with different types of devices and protocols increases complexity, requiring standardisation efforts and platform integration.

Avoiding costly investment in R&D

Customising devices for management (protocols, testing, certification) is resource-intensive, making it essential to adopt flexible platforms that reduce in-house development.

Full lifecycle management

Beyond data collection, managing provisioning, diagnostics, repairs, and firmware updates is critical, especially at scale, requiring automation and robust systems.

Ensuring security at scale

IoT security is challenging, with constrained devices vulnerable to attacks, necessitating automated updates, continuous monitoring, and tailored security protocols.

Interoperability between vendors

Devices from different vendors often lack standardisation, complicating management across ecosystems. Middleware or open standards can assist but add complexity.

Device Management enables users to manage IoT devices including configuration changes, firmware updates, diagnostics and data collection and monitoring all through one platform.

Find out more about Device Management... ❯

Device Management Benefits'

Saves cost and time
- Correlate device and eSIM information*
- Remote management
- Diagnose network or device issues remotely

Enhanced user experience
- Real time information
- Access eSIM and device management interfaces with single sign-on*
- User friendly graphical interface

Scalability
- Vendor agnostic platform
- Https access of remote endpoints
- Rapid deployment

Considerations for using Device Management

> **Keep Track of your assets**
> *Leverage platform automation to locate and track devices using network location services or GPS. Manual tracking is cumbersome and error prone.*

> **One solution for all device vendors**
> *Monitor and manage your entire device estate using a single platform, regardless of hardware vendor.*

> **Over The Air Device Management**
> *Perform remote configuration changes or firmware over the air (FOTA) updates via a secure web management platform.*

> **Rapid Deployment**
> *Deploy with confidence using an un-steered SIM or eSIM to maximise your first-time connection rate or to support fast re-deployment to new sites.*

> **Access to real time hardware information**
> *Receive real time information from devices such as signal strength, operating environment data and firmware version information.*

> **Primary and Secondary Connectivity Options**
> *Customised data tariffs for primary and secondary connections based on single or multi-network eSIMs.*
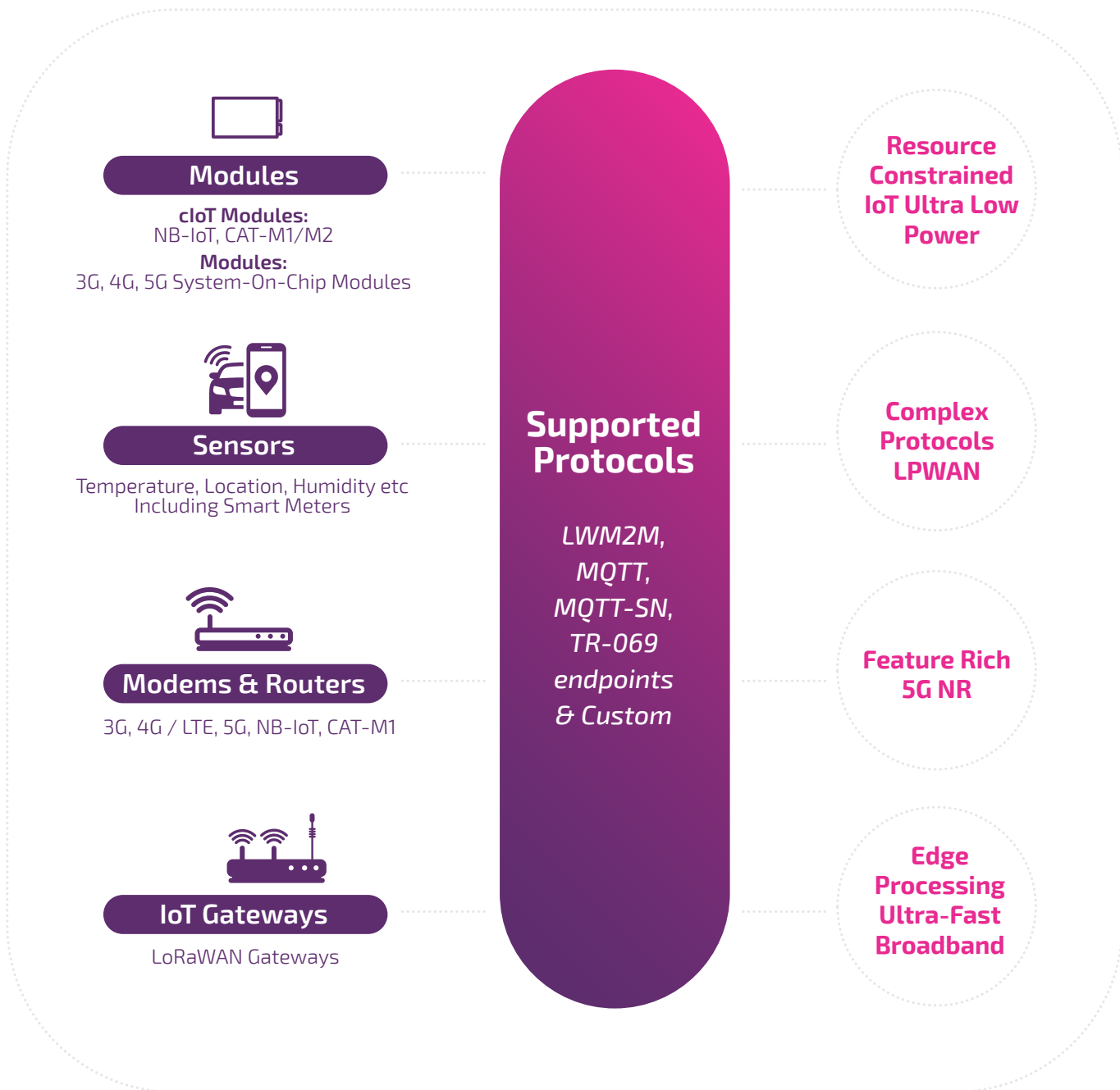
> **Fraud Detection**
> *Protect your devices and data using advanced network security measures to detect and manage eSIM theft or other rogue device behaviour.*

* Feature available in future version releases

Explore applications we're connecting with Device Management... >

Supported IoT Devices

Modules

cIoT Modules:
NB-IoT, CAT-M1/M2
Modules:
3G, 4G, 5G System-On-Chip Modules

Sensors

Temperature, Location, Humidity etc
Including Smart Meters

Modems & Routers

3G, 4G / LTE, 5G, NB-IoT, CAT-M1

IoT Gateways

LoRaWAN Gateways

Supported Protocols

*LWM2M,
MQTT,
MQTT-SN,
TR-069
endpoints
& Custom*

**Resource
Constrained
IoT Ultra Low
Power**

**Complex
Protocols
LPWAN**

**Feature Rich
5G NR**

**Edge
Processing
Ultra-Fast
Broadband**

Note: Support for device protocols such as USP, CoAP & HTTP are available upon request.

Find out more about Device Management... ▶

Device Management **solution**

Applications **benefitting** from Device Management...

Applications that need the **rapid deployment benefits of LTE**
as a primary or secondary failover solution include:

ANPR / CCTV   **EV Charging**   **Asset Tracking**   **Energy/Utilities**   **Retail**

Router / Gateway / Modem

IoT Device
Tracker / POS Device / Sensor

Device Management   **SIM Management**

Device Management   ◉ **SIM**Pro

User Dashboard

User

Talk to our IoT solution experts to select the right technology for you... ➤

Why Wireless Logic for Device Management?

Global Coverage
Our 'built-for-IoT' network services and partnerships provide global coverage and local access into 45 major networks

Security
Multi-layered security including APN and VPN options and advanced network security measures which can detect and manage eSIM theft or other rogue device behaviour.

Expert Support
20+ years' experience to help you select the right solution and keep total cost of ownership low.

Managed Services
SIMPro is our 5th generation connectivity management platform which integrates connectivity, device and security management.

Rapid Deployment
Fast and expert deployment, solution designs, customer service and tech support.

Contact us today...
to talk to an expert or get a quote

Call: **0330 056 3300**   Email: **hello@wirelesslogic.com**   Web: **wirelesslogic.com/devicepro**

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