Shorten your Path to IoT Monetization

OneEdge is an innovative module-embedded software suite enabling solutions for a new generation of Telit's cellular LPWA IoT modules. With integrated, secure, easy-to-use tools, it dramatically simplifies design, deployment and management of IoT products and solutions, enabling a leap ahead into the new 5G super-connected world.

Leverage the Power of Telit

Telit is an industry pioneer and has become a trusted partner of the world's largest brands. IoT is in our DNA. Delivering the business outcomes for our customers is what sets us apart. The Telit team brings expertise in hardware, connectivity, and platforms that is unmatched in the industry.

Concept Ideation & Product Design

Eliminate costly hardware design revisions. We offer assistance with: schematic, printed circuit board layout, component placement, component selection, measurement and characterization of integrated antenna and system architecture.

System Architecture & Certification Support

Telit offers global support to help you manage your product certification effort anywhere in the world. Regulatory compliance and certification standards vary greatly and are updated regularly. By leveraging our global experience, our team of engineers provide an analysis that will guide you through the process of preparing your product for CE, FCC, IC, PTCRB, GCF certifications and most mobile network approvals, such as carrier device approval.

Deployment at Scale & Device Management Expertise

OneEdge simplifies and enables large scale deployment, device management including FOTA enabling maintenance and upgrades. Keep your solution secure and current.

Shorten your path to IoT monetization by simplifying design deployment & management of products & solutions
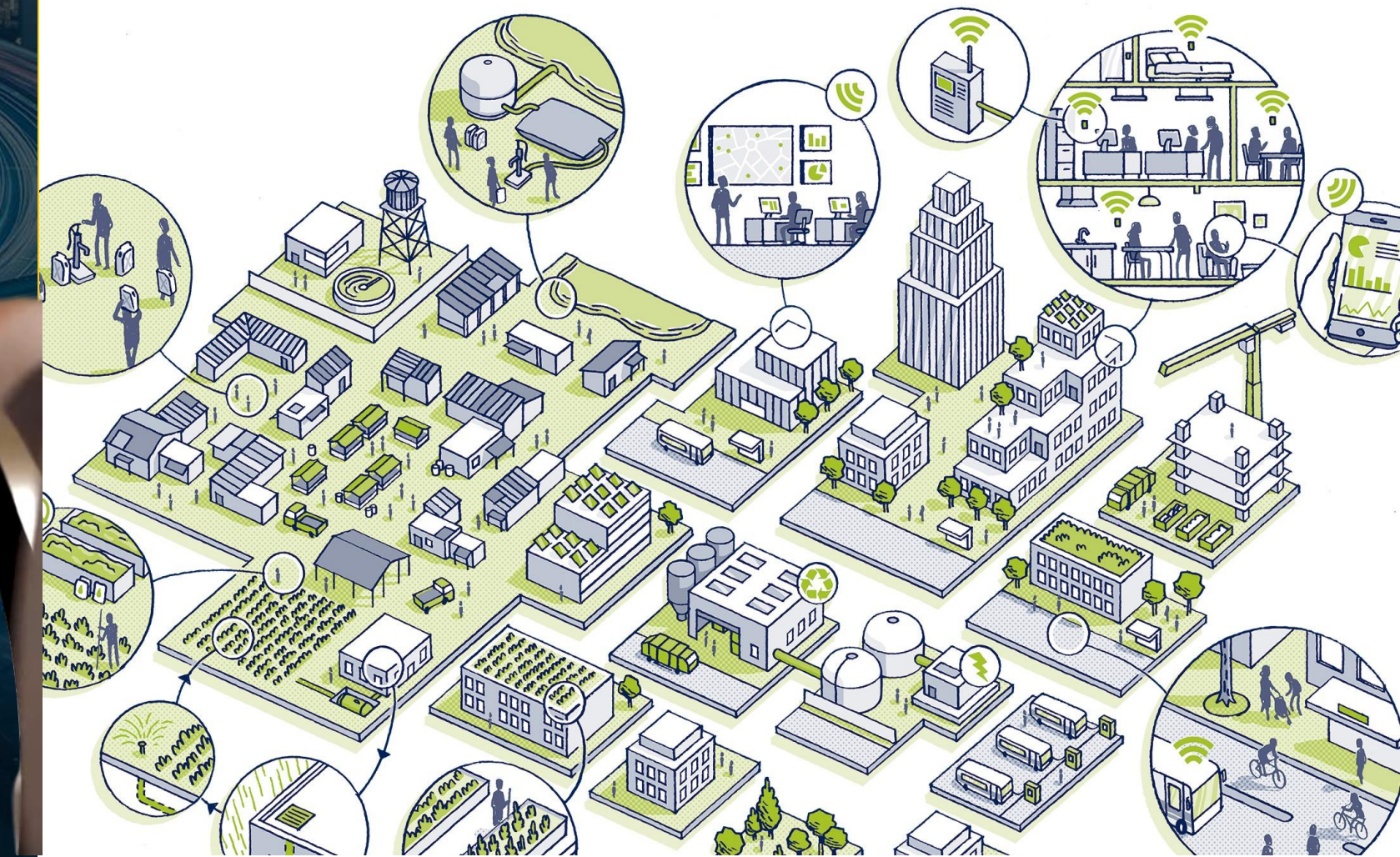
A secure, prepackaged management software suite embedded within data efficient cellular IoT modules

Harness the LPWA Revolution

Ubiquitous Cat-M and NB-IoT is the necessary foundation for cost effective and massive IoT solutions. OneEdge tools accelerate your enterprise digitalization journey – reducing time-to-market, TCO and risk.
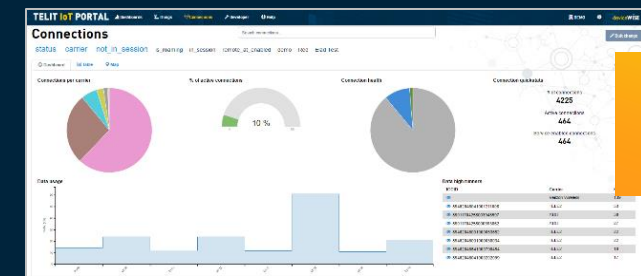
Telit OneEdge will support you:
- From Prototype to Production
- From Development to Deployment
- From Mock-Up to Mature Solution

Connectivity Management

Connected Devices Platform (CDP) Pro
- Design & Manage your service profiles
- Self-Care Subscription & lifecycle management
- Real-time diagnostics and usage controls
- Integration with various carriers and platforms including Jasper, Vodafone GDSP, Ericsson DCP, Telefonica Kite, AT&T, Verizon, T-Mobile and more

Quick glance at all global connections

CDP PRO	Intelligence	Bridge
Manage your SIMs. Fully integrated to Multiple MNOs	BI Environment to identify and analyze trends	VPN and IP infrastructure Redundant, Secure and 24/7 monitored

Telit simWISE Technology
Dramatically reduce the device footprint, provisioning complexity, and total cost of ownership of IoT devices
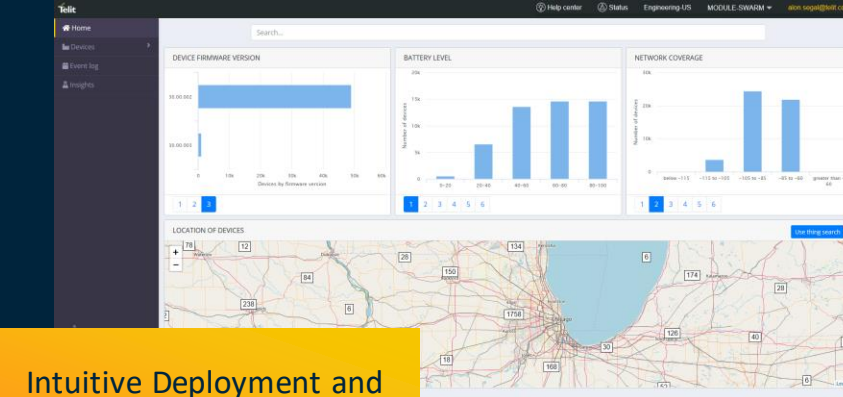- SIM functions implemented directly into the module
- GSMA compliant secure remote provisioning
- Strategic partnership with IDEMIA to further harden solution security and reach
- Roaming (Based on LTE CAT-M1 and 2G access networks) and Global Data Plans based on Telit's connectivity offering
- Fully integrated into Telit's CDP Pro Portal – a fully integrated dashboard for simplified management

Device Management

Greatly simplify onboarding, remote provisioning and configuration, monitoring and troubleshooting.

Telit IoT Portal Device Management
- Seamlessly leverage open standards LWM2M for secure, efficient communications & control
- Scalable and easy to implement device management campaigns
- Automated actions, alerts and alarms based on cloud logic triggers
- New portal AppCenter enables simplified user experience and streamlined services such as FOTA

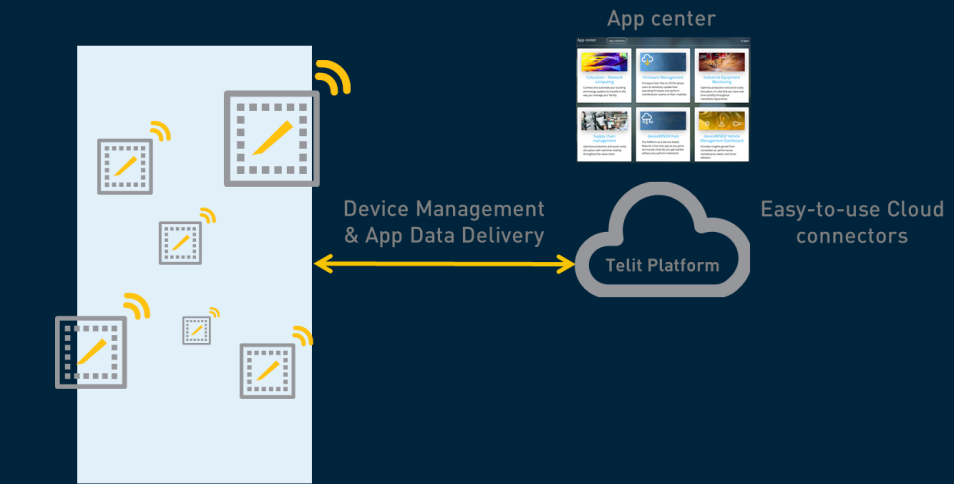Intuitive Deployment and Management Dashboard

Telit FOTA App
- Telit OTA/FOTA configuration, remote provisioning and firmware updates
- Software updates are secured and signed to protect hardware integrity
- Scheduled or ad-hoc campaigns: single unit, predefined groups, entire installed base
- Campaigns based on: Organization, Geography, Technology, and more.

LWM2M Technology – benefits:-
- Efficient data protocol reduces overhead and data consumption
  - Lowers data plan costs
  - Lowers power consumption
  - Secure and reliable
- User customizable
- Open standards based

Telit ONEEDGE™

Telit.com/OneEdge

Enterprise Integration
- Enabling the critical integration of IoT solutions into customers enterprise systems and business processes to consume and extract value from device data.

App center

Device Management & App Data Delivery

Easy-to-use Cloud connectors

Telit Platform

Customer Application Server

Edge Intelligence

Speed deployment, optimize behavior and resource usage, automate operations involved in connecting to cellular networks. Define and build your own IoT edge applications.

- **Device management** made easy.
- **Connection Optimizer** simplifies management of cellular connection lifecycle.
- **Telit's AppZone** runs customer's embedded software on the module.

IoT AppZone

Security

OneEdge security includes end-to-end protection of the device, transport and platform.

Device
- Module secured and personalized at time of manufacture
- Device is 'born' with ID, credentials and SIM functions embedded inside

Transport
- Device to cloud over encrypted communication for secure end-to-end data and control

Platform
- Telit servers are protected against security threats
- "Thing" IDs and credentials are automatically synchronized

WIRELESS CONNECTIVITY
QUALITY OF SERVICE
REMOTE PROVISIONING
EDGE HARDWARE MAINTENANCE
END-TO-END SECURITY
DEVICE MANAGEMENT
RAPID PROVISIONING
DEVICE-TO-CLOUD INTEGRATION
TIME-TO-MARKET