

Connectivity Management

For the Communications
Service Provider



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Take full control with Connectivity Management

Connectivity Management puts service providers in the driver's seat by giving their enterprise customers the power to control and track all of their IoT devices and networked assets at a national, regional or global level.



In the coming years, about 29 billion devices will become connected*. Managing thousands of connections and subscriptions will be a challenging task. Connectivity Management lets service providers easily control and track all IoT devices and networked assets at a national, regional as well as global level—all with one unified and intuitive device connection platform.

With the rise of smart technology, more devices are getting connected and starting to communicate with each other. Many companies are already moving into IoT to improve their operational efficiency, consumer experience and sustainability. This will greatly reduce costs and create completely new revenue streams. By 2023, the number of cellular IoT connections is expected to have grown to 3.5 billion at an annual growth rate of 30%, while total number of connected devices is predicted to have grown to over 31 billion*.

It is safe to say that this fast-growing digitalization will transform enterprises and lay the foundation for new business models and possibilities. With Connectivity Management, service providers can position themselves at the forefront. It supplies operators with full control and global connectivity whilst making IoT easier for enterprise customers to manage connected devices.

For your IoT solutions to achieve success, it will be critical to be able to connect and manage all your connections in an easy, safe and cost-effective way. Connectivity Management offers higher control and smoother operations by providing you with your own dedicated IoT core network. The solution is part of the full-stack IoT Accelerator platform that lets service providers onboard new partners on a massive scale, manage billions of devices and monetize new business models, all in a secure way.

Key challenges

Integrate IoT services with different technologies

- Your IoT solutions must be integrated with existing systems and communicate with different technologies.

Gain an overview of the IoT ecosystem

- With a massive increase in connected devices, it will be harder to stay in control and gain an overview of your IoT ecosystem.

Ensure coverage and stable connectivity

- As a service provider you need to ensure stable connectivity throughout the globe.

* Ericsson Mobility Report June 2018 highlights that the number of connected IoT devices is growing: <https://www.ericsson.com/en/mobility-report/reports/june-2018>

Solution overview and benefits

Connectivity Management as a service enables full control through the entire IoT device life cycle.

One dashboard for easy and complete control.

Monitor, analyze and manage all your subscriptions, regardless of where your devices are located, in our easy-to-use dashboard.

One eSIM and one network with global reach.

One eSIM working globally without roaming, ensuring you maximum performance and flexibility in both operations and manufacturing.

Integrate once, run everywhere.

With our unified architecture, you only have to integrate once for global management. As business grows, we handle the connectivity, so you can focus on expanding your IoT network.

Real-time control of devices & subscriptions

Our solution allows control at machine speed—capturing errors and achieving changes at unprecedented speeds.

Global connectivity with minimum cost and effort

We provide you with a unique SLA on the connectivity that is uniform across all geographies to ensure all devices are managed the same way.

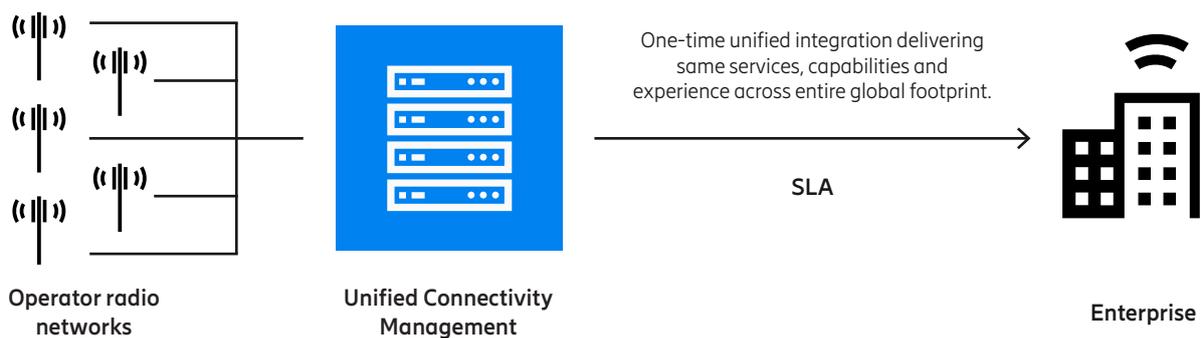
Access to an International IoT ecosystem

With Ericsson, you get more than a technical platform; you get a whole ecosystem of partners, operators and other participants in the service.

Key benefits

- **Seamless communication** between businesses and different technologies due to the unified standardization of the IoT ecosystem.
- **Full control of your IoT business** with one dashboard to handle every device and application connected to the network.
- **Reliable connectivity anywhere** with our Service Level Agreement driven solutions.

Connectivity Management: Unified connectivity enabled by common core



Our platform helps service providers accelerate, manage and monetize their IoT offerings. To learn how Ericsson can support you in your digital transformation, see examples of reference cases on next page or contact one of our IoT representatives.
ericsson.com/en/internet-of-things/contact

Examples of how Connectivity Management has made IoT easier for customers

Our service is currently used by over 30 telecom service providers and over 3,000 enterprises across a wide variety of industries.

Solid connectivity for the car market

KDDI struggled to provide their customers with a uniform solution for reliable global connectivity. To solve this, they partnered up with Ericsson. With Connectivity Management, they could enable an OEM to offer car connectivity and services on a global scale.

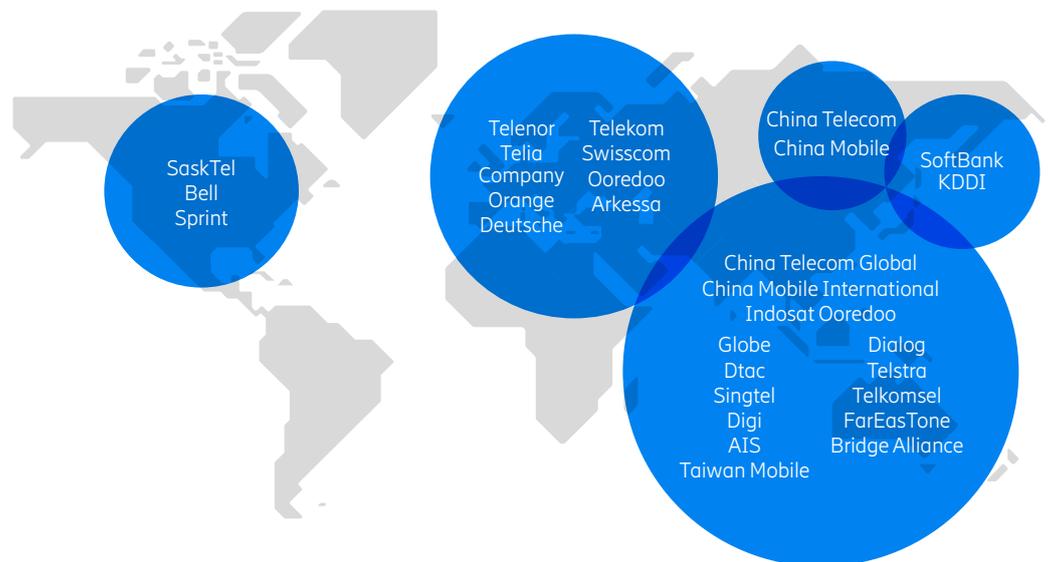
Challenging diabetes through connectivity

Actiste is an insulin device, owned by Brighter, that measures glucose levels, stores data and then shares it with healthcare providers. This device even injects the insulin. With Connectivity Management, the device can guarantee solid mobile connectivity anywhere, along with secure and compliant handling of patient data. This enabled Brighter to overcome local regulations and safety requirements, and bring a challenging go-to-market model to life.

The first to monetize connected cars

Telia wanted to find a new way to monetize their massive network of customers. With Connectivity Management, they achieved the reliable connectivity needed as well as an unprecedented management system. With Ericsson's platform as a foundation Telia Sense, the first offering for connected cars in the Nordic region, was created.

We have global IoT service provider & enterprise references



Ericsson enables communications service providers to capture the full value of connectivity. The company's portfolio spans Networks, Digital Services, Managed Services, and Emerging Business and is designed to help our customers go digital, increase efficiency and find new revenue streams. Ericsson's investments in innovation have delivered the benefits of telephony and mobile broadband to billions of people around the world. The Ericsson stock is listed on Nasdaq Stockholm and on Nasdaq New York. www.ericsson.com