SEMTECH®

Ultra-Resilient Cellular Connectivity for Reliable EV Charging Operations

Stable cellular connectivity is vital for successful EV charging operations. The reliability of data service directly impacts key factors such as driver experience, remote support, dynamic load balancing, and regulatory compliance. Any disruption can result in financial losses and diminished customer loyalty.

Why Choose Semtech for Connecting Your EV Charging Stations?

INDUSTRY LEADERSHIP AND RELIABILITY

- **30+ Years of IoT System Expertise –** We've been delivering IoT solutions, including cellular modems and routers, mobile network services, and cloud services since 1993. Our team of IoT experts assist customers in accelerating time-to-market and avoiding common deployment pitfalls at every deployment stage.

- **Full MVNO Capabilities –** Unlike many connectivity service providers that merely resell services, Semtech operates our own core networks and global operations center to assure over 99.9% of network availability. We are committed to providing our customers with reliable connectivity and responsive support.

- **Pioneer in IoT Technology –** With over 60 years of legacy and a NASDAQ listing, Semtech stands as a globally recognized leader in the cellular and LoRa IoT ecosystem. We are dedicated to advancing IoT technologies and remain committed to offering our customers cutting-edge IoT wireless solutions.

AirVantage® Smart Connectivity

BUILT FOR MISSION-CRITICAL APPLICATIONS

Semtech's AirVantage Smart Connectivity is an IoT service designed for keeping mission-critical solutions always connected. It offers global coverage with access to over 600 networks in more than 190 countries using a single SIM. As a full Mobile Virtual Network Operator (MVNO), Semtech provides a global SIM with built-in resilience, detecting network outages and switching seamlessly to available networks, ensuring continuous connectivity. Manage your fleet with our unified Management Platform, designed to set alerts, provide insights, and track your entire fleet in one place. The service is supported 24/7/365 by our Global Network Operations Center (GNOC), ensuring maximum network uptime.

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Unique Benefits for EV Charging Solutions

- **Truly Global Coverage –** Our Premium global SIM provides access in over 190 countries and territories via 600+ networks; even in areas with roaming restrictions. It enables a truly global EV charging solution design across all markets and simplifying expansion.

- **Always-on Operations –** Our multi-IMSI, multi-profile global SIMs feature a patented algorithm that automatically connects to an available network upon activation and after an outage, it removes the need for specialized technicians during installation. Additionally, our robust core network infrastructure provides multiple layers of redundancy, ensuring reliable connectivity to keep EV charging stations always operational.

- **AI-Driven Network Monitoring –** Alongside our nearly 100% network service availability, our continuous AI-enabled core network monitoring proactively identifies and resolves potential disruptions, ensuring minimal downtime for the EV charging services.

We Make IoT Easy with The Power of ONE

ONE SIM
Streamlines installation and global logistics, ensuring your EV charging stations are always connected.

ONE Platform
Manages your fleet of Semtech SIMs and routers centrally, simplifying configuration and operation reporting.Manages your fleet of Semtech SIMs and routers centrally, simplifying configuration and operation reporting.

ONE Connectivity Partner
Trust us for simplified deployment and receive 24/7 support from start to scale.

Learn More

For more information on Semtech's solutions for EV charging and customer success stories, please visit: https://www.sierrawireless.com/iot-services/smart-connectivity/iot-ev-charging/

About Semtech
Semtech Corporation (Nasdaq: SMTC) is a high-performance semiconductor, IoT systems and cloud connectivity service provider dedicated to delivering high-quality technology solutions that enable a smarter, more connected and sustainable planet. Our global teams are committed to empowering solution architects and application developers to develop breakthrough products for the infrastructure, industrial and consumer markets.

To learn more about Semtech technology, visit us at **Semtech.com** or follow us on **LinkedIn** or **X.**

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