



SEMTECH®

eways



eways

Juice for all cars

Making EV Charging Easy With Resilient Global Connectivity

QUICKFACTS

Company

eways
www.eways.se

Customer Profile

Based in Sweden, Eways is a leading independent Electric Vehicle (EV) charging operator with over 25,000 stations across Sweden and Denmark.

Objectives

Eways needed a robust and reliable cellular connectivity solution for its rapidly expanding network of EV charging stations.

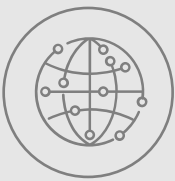
Results

Partnering with Semtech has enabled Eways to:

- Deploy a single solution for connectivity across its current network of charging stations in Sweden and Denmark
- Save time and money setting-up new EV charging stations and ongoing management and monitoring
- Position itself for seamless expansion into Germany and other EU nations with a single connectivity solution
- Providing robust connectivity in all settings: indoors, underground garages and rural areas.

Semtech Products and Services

- Smart Connectivity
- AirVantage Management Platform



“ We previously had a connectivity solution that required our technicians to evaluate network coverage when they arrived at the station. We needed to have inventory of the various SIMs on hand, and this was expensive and time consuming. Often, we wouldn’t get coverage in underground garages. ”

Lars Eliasson,
CTO and Partner, Eways

INTRODUCTION

Eways is a fast-growing, independent charging operator that is committed to making it easy for people to convert to electric vehicles. Founded in 2015, Eways employs close to 150 professionals and manages a network of more than 25,000 charging stations across Sweden and Denmark. The company’s network of charging stations is doubling annually and will expand into Germany and other Nordic countries in the coming year.

CHALLENGE

In order to manage and monitor remote EV charging stations, Eways needed a cellular connectivity solution that would work across their current operating region as well as in challenging locations – rural and underground. The EV stations need to be connected to enable load balancing and billing. It also wanted a solution that would work in new geographies as they expand.

The company had previously used a solution with 90% network coverage, but needed one that offered better coverage, especially in underground parking, which proved problematic. It also wanted a solution to cover a larger geographic region to accommodate expansion. It was onerous as technicians had to evaluate network coverage at each station and chose a SIM that offered a stable connection which meant managing inventories of SIMs across its various operating areas.

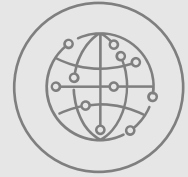
SOLUTION

Eways selected Semtech Smart Connectivity to connect its EV charging stations across Sweden and Denmark. Smart Connectivity provides a multi-network cellular solution designed to keep assets and machines securely connected anywhere via one worldwide SIM. The patented applet in the SIM offers access to two or more available networks at any location, thus expanding the useful coverage for the deployment.

“We previously had a connectivity solution that required our technicians to evaluate network coverage when they arrived at the station. We needed to have inventory of the various SIMs on hand, and this was expensive and time consuming. Often, we wouldn’t get coverage in underground garages,” explained Lars Eliasson, CTO and

“ Our network of EV stations is doubling annually, and Smart Connectivity is going to help us reduce time and costs of deployment. This is going to enable us to seamlessly expand our operations in other EU countries in the coming years.

”



Lars Eliasson, CTO and Partner, Eways

Partner, Eways.

“With Smart Connectivity, our technicians install a single SIM and the solution takes care of selecting an available network to assure connectivity. We no longer have to work with multiple network providers, negotiate data plans or deal with individual network outages. Semtech solution abstracts all that complexity and makes it all simple for us. Now our teams can deploy new EV charging stations and they are connected right away!” explained Mr Eliasson.

Semtech Smart Connectivity enables global IoT deployments, making it easy for customers to maintain a secure connection to assets anywhere in the world with access to over 600 networks in more than 190 countries.

“Our network of EV stations is doubling annually, and Smart Connectivity is going to help us reduce time and costs of deployment.” “This is going to enable us to seamlessly expand our operations in other EU countries in the coming years.”

Eways monitors and manages the EV stations via the AirVantage Management Platform which provides a single interface to manage data consumption, setting alerts to avoid unexpected charges. To further streamline the operations, Eways is considering using the platform’s APIs to integrate connectivity management features into their workflow.

BENEFITS

Partnering with Semtech has provided many benefits for Eways:

- A single connectivity solution for existing and planned EV charging stations eliminates multiple SIM inventories from different operators.
- Provides assured connectivity in all settings, whether the units are urban, underground, or rural.
- Enables seamless expansion into new markets.
- Simplifies deployment of new EV stations, saving time and money.
- Simplifies day to day operations in connectivity management through the management portal and APIs.



For more information on Semtech solution visit:

<https://www.sierrawireless.com/products-and-solutions/iot-connectivity/>

<https://www.sierrawireless.com/iot-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](https://www.semtech.com) or follow us on [LinkedIn](#) or [X](#).

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