

# MICROSEC SECURES SAFETY BY DELIVERING TRUST



V2X PKI provider for Die Autobahn,  
the German motorway operator, since 2022




**V2X PKI**  
BY MICROSEC



Interested, any questions?  
Visit [v2x-pki.com](https://v2x-pki.com) or  
Email [info@v2x-pki.com](mailto:info@v2x-pki.com)

# THERE IS NO **V2X** WITHOUT **PKI**



Trusted provider  
of CCMS & SCMS 

**V2X PKI**  
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# ROAD SAFETY DEMANDS SECURE COMMUNICATION

Vehicle-to-everything (V2X) communication improves road safety and efficiency through real-time data exchange among vehicles, infrastructure, and other road users. Public Key Infrastructure (PKI) is crucial in this system, ensuring secure, trusted, and reliable interactions by issuing and managing certificates for message authenticity and integrity.

*Microsec provides V2X PKI solutions for automotive OEMs, suppliers, and transportation authorities, DOTs, primarily in Europe and North America, while supporting other regions adopting these standards.*

## WHY MICROSEC?

### + DECADES OF EXPERIENCE

40 years in IT security, 25 in PKI, 6 in V2X

### + FULL COMPLIANCE

One of the first to embrace ETSI, CAMP, IEEE standards

### + REAL-WORLD DEPLOYMENTS

Multiple production-level secure V2X implementations

### + SCALABLE AND FLEXIBLE

Several options for deployments of any size

### + INDUSTRY ALIGNMENT

Engaging with major companies and industry groups



## EUROPE

C-ITS Credential Management System  
based on ETSI standards and EU policies

- + Third-party audited compliance against the EU CP
- + Supports all ECTL levels: Level 0, 1 and 2
- + Trust ensured via bilateral agreement with VW Group
- + Regularly tested with various C-ITS station vendors
- + Participating at ETSI Plugtests
- + Designed to support robust C-ITS deployments
- + Available as PKI as a Service, hybrid, or on-premise
- + Real-world deployments, including Die Autobahn



## NORTH AMERICA

Security Credential Management System  
with both CAMP and IEEE 1609.2.1. support

- + Ideal for mixed deployments and smooth migration
- + Regularly tested with various RSU and OBU vendors
- + Participating in OmniAir Plugfests
- + Compatible with both legacy and new devices
- + First SCMS to issue implicit certificates using HSMS
- + Uses major cloud provider platforms for scalability

**PRODUCTION SOLUTION**  
with highly competitive offering



**SANDBOX**  
free trial access