

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



## 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 PKI solutions for automotive and transportation, ensuring secure V2X communication across European C-ITS.**

**SANDBOX**  
free trial access

**PILOT**  
L0 ECTL

**PRODUCTION**  
L1/2 ECTL or VW Trust List

**V2X PKI**  
BY MICROSEC

**Want to know more?**  
Visit and contact us at [v2x-pki.com](https://v2x-pki.com).



## WHAT MICROSEC OFFERS?

### EU C-ITS Security Credential Management System (CCMS)

- + Fully compliant with IEEE, ETSI standards, and EU C-ITS policies
- + Two-tier PKI architecture designed for privacy and pseudonymity
- + Manages the full certificate lifecycle for C-ITS stations
- + Compatibility with major OBUs, RSUs, and V2X stacks
- + Web-based Device Manager for single and bulk registration
- + Geo-redundant EU hosting with NATO and EU security clearance
- + Certified HSMs with high-performance, high-availability setup
- + Available as PKI as a Service, or on-premise
- + Supports all project phases: Sandbox, Pilot, and Production
- + Interoperability ensured via ECTL (Level 0, 1 or 2) or bilateral trust
- + Listed on all ECTL levels (L0, L1, L2) and the VW Trust List

## WHY CHOOSE MICROSEC?

- + 40+ years in IT security, 25+ in PKI, and 6+ in V2X
- + Third-party audited and certified (EU CP v3, ISO 27001, ISO 9001)
- + Long-term commitment to secure, standards-based C-ITS
- + Proven in production deployments, e.g., with Die Autobahn GmbH
- + Active member of several industry groups, e.g., ETSI and C-Roads



**Securing Safety by Delivering Trust**

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