



# CERTIFICATE

HUNGUARD Informatics and IT R&D and General Service Provider Ltd.  
(6 Kékgolyó Street, Budapest, 1123 Hungary) as a certification body accredited by  
the accreditation document No. NAH-6-0048/2023 of NAH as described in the  
applied certification system HUNG\_TMK-2-rendszer\_20241206

certifies that

**the system of Microsec V2X PKI service**

**provided by Microsec Micro Software Engineering & Consulting Private Company  
Limited by Shares**

**complies**

**with the Certificate Policy for Deployment and Operation of European  
Cooperative Intelligent Transport Systems (C-ITS) EU C-ITS Certificate Policy  
Release 3.0 May 2024.**

This certificate has been issued on the basis of the Certification Report  
**HUNG-TJ-SYS-047-2025**

Produced on commission for Microsec Micro Software Engineering & Consulting  
Private Company Limited by Shares  
(13 Ángel Sanz Briz Road, Budapest, 1033 Hungary).

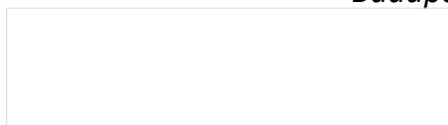
Certificate registration number: **HUNG-T-SYS-047-2025**

Validity start date of the certificate: 10 April 2025

Validity end date of the certificate: 10 April 2028

This Certificate has seven pages including the Annexes containing validity terms  
and other attributes.

*Budapest, 10 April 2025*



Endródi Zsolt Attila  
Certification director

PH.



Szűcs Ákos Balázs  
Managing director

**Annex 1.****Validity terms and scope of the certificate**

1. The Microsec V2X PKI service related to the certified system is defined in the following documents:

**Root CA service**

CPS Title:	Microsec Ltd. V2X Cooperative Intelligent Transport Systems Root CA Certification Practice Statement
CPS OID:	1.3.6.1.4.1.21528.4.1.1.1
CPS version:	4.0
Date of effect:	2025-04-09

**Enrolment Authority service**

CPS Title:	Microsec Ltd. V2X Cooperative Intelligent Transport Systems Enrolment Authority Certification Practice Statement
CPS OID:	1.3.6.1.4.1.21528.4.1.1.2
CPS version:	4.0
Date of effect:	2025-04-09

**Authorization Authority service**

CPS Title:	Microsec Ltd. V2X Cooperative Intelligent Transport Systems Authorization Authority Certification Practice Statement
CPS OID:	1.3.6.1.4.1.21528.4.1.1.3
CPS version:	4.0
Date of effect:	2025-04-09

The Microsec V2X PKI service is provided within the following audited PKI hierarchies:

**ECTL Level 1 PKI**

Root CA:	Name	3_Microsec-CCMS-RCA-2024_L1
	hashedId8	e9076bd01b73dade
Distribution Centre (DC):	http://microsec-ccms-dc-2024-l1.v2x-pki.com	

**ECTL Level 2 PKI**

Root CA:	Name	3_Microsec-CCMS-RCA-2024_L2
	hashedId8	b1fc75cd5a80c630
Distribution Centre (DC):	http://microsec-ccms-dc-2024-l2.v2x-pki.com	

2 Review of the system evaluation must be ordered by the Service Provider in the following cases in order to confirm the results of the initial system evaluation certified in this document, to maintain the validity of the Certificate:

- once a year in the validity period of the Certificate (planned system evaluation review),
- in case of main modifications in the CPS, system architecture or functionality (special system evaluation review).

3 Significant changes in the architecture or functionality of the system under operation must be reported by the Service Provider to the Certifier within 30 days after the changes were documented and tested (but before they were implemented). Furthermore, the Service Provider must send detailed documentation of the changes, commensurate with the former evaluation level. The Certifier evaluates the effects of the modification and decides on the necessity of a special system evaluation review in order to maintain the Certificate validity.

4 If compliance is achieved, the Certifier fills out a Certificate Maintenance Record for the actual system state. The Service Provider must provide in time the conditions of the planned or special system evaluation review.

## **Annex 2**

### **Document containing the requirements**

The requirements are contained in the following document:

**Certificate Policy** for Deployment and Operation of European Cooperative Intelligent Transport Systems (C-ITS) EU C-ITS Certificate Policy Release 3.0 May 2024

## Annex 3

### Further features of the certification

This Certificate is based on the contract signed on 10 February 2025 and the assessment started on 13 February 2025. This Certificate has been issued based on the following assessment document:

- AUDIT REPORT for Microsec Micro Software Engineering & Consulting Private Limited Company by Shares (Microsec Ltd.) on the Microsec V2X PKI service (C435-13/P/E/EUCP30/2025)

#### Locations of the assessment:

Microsec Central Site with offices, location of RA activities	13 Ángel Sanz Briz Road, Budapest, 1033 Hungary. South Area of Graphisoft Park
Microsec (Graphisoft) data center	7 Záhony Street, Budapest, 1031 Hungary 700 m away from central site
T-Systems (Dataplex) data center	13 Asztalos Sándor Road, Budapest, 1087 Hungary 10 km away from central site

#### The normative documents considered:

**ETSI TS 102 941 V1.4.1**, Intelligent transport systems (ITS) – security, trust and privacy management.

**ETSI TS 102 940 V1.3.1**, Intelligent transport systems (ITS) – security, ITS communications security architecture and security management

**ETSI TS 102 042 V2.4.1** Policy requirements for certification authorities issuing public key certificates.

**ETSI TS 103 097 V2.1.1**, Intelligent transport systems (ITS) – security, security header and certificate formats.

**ISO/IEC 27001:2022** Information security, cybersecurity and privacy protection — Information security management systems — Requirements

**ISO/IEC 27002:2022** Information security, cybersecurity and privacy protection —  
Information security controls

**NIST Special Publication 800-53 Revision 5** Security and Privacy Controls for  
Information Systems and Organizations

**NIST Special Publication 800-53A Revision 5** Assessing Security and Privacy Controls in  
Information Systems and Organizations

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