The certification body of TÜV Informationstechnik GmbH hereby awards this certificate to the company

T-Systems International GmbH Untere Industriestraße 20 57250 Netphen, Germany

to confirm that its trust service

Netze des Bundes-VN (DOI-CA)

fulfils all requirements defined in the standard (EN)

ETSI EN 319 411-1 V1.1.1 (2016-02), policy LCP.

The appendix to the certificate is part of the certificate and consists of 3 pages.

The certificate is valid only in conjunction with the evaluation report.



Certificate ID: 67104.18

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Certificate valid until 2020-06-15

Essen, 2018-06-15

Dr. Christoph Sutter Head of Certification Body

TÜV Informationstechnik GmbH

TÜV NORD GROUP Langemarckstr. 20 45141 Essen, Germany www.tuvit.de







Certification System

The certification body of TÜV Informationstechnik GmbH is accredited by "DAkkS Deutsche Akkreditierungsstelle GmbH" according to EN ISO/IEC 17065 for the scopes IT security and security technology product certification. The certification bedy performs its certification on the basis of the following corrected certification system:

 "Certification System (accredited scope) of the certification body of TÜV Informationstechnik GmbH", terson 2.0 as of 2016-06-06, TÜV Informationstechnik GmbH

Evaluation Report

"Evaluation Report - Re-Certification - ETSI EN 319 411-1,
 TUVIT-CA67104, Netze des Bundes-VN (DOI CA)", version
 2.0 as of 2018-06-14, TÜV Aformationstechnik GmbH

Evaluation Requirement

The evaluation requirements are defined in the standard ETSI EN 319 411-1:

• ETSI EN 310 112-1 V1.1.1 (2016-02): "Electronic Signatures and Infractructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General Requirements", Version 1.1.1, 2016-02, European Inferommunications Standards Institute

The applicable ETSI Certificate Policy is:

LCP: Lightweight Certificate Policy



Evaluation Target

The target of evaluation is characterized by the certificate information of the inspected trust service:

Netze des Bundes-VN (DOI-CA):

Issuer of CA certificate (Root CA or intermediate CN = PCA-1-Verwaltung-14 Certificate Serial Number: 00 c6 6a 29 35	
Name of CA (as in certificate)	serial number of certificate
CN = DOI CA 5	00/90 ba dc e1

Issuer of CA certificate (Root CA of intermediate CA): CN = PCA-1-Verwaltung-15 Certificate Serial Number: 0 24 87 cc 89		
Name of CA (as in certificate)	serial number of certificate	
CN = DOI CA 6	1c 31 e1 30	

together with the Certificate Policy (CP)/ Certification Practice Statement (CPS) of the operator:

"DOI-CA [Ndb VN101]", version 1.01 as of 2017-05-18,
 T-Systems International GmbH

Evaluation Result

- The target of evaluation fulfills all applicable evaluation requirements.
- The certification requirements defined in the certification system are fulfilled.



Summary of the Evaluation Requirements

ETSI EN 319 411-1 contains requirements for Trust Service Providers practice under the following headlines:

- 1 Publication and repository responsibilities
- 2 Identification and authentication
- 3 Certificate Life-Cycle operational requirements
- 4 Facility, management, and operational controls
- 5 Technical security controls
- 6 Certificate, CRL, and OCSP probles
- 7 Compliance audit and other assessment
- 8 Other business and legal matters
- 9 Other provisions