



Audit Attestation for

T-Systems International GmbH

Reference: AA2019011701

Essen, 17.01.2019

To whom it may concern,

This is to confirm that "TÜV Informationstechnik GmbH" has successfully audited the CAs of the "**T-Systems International GmbH**" without critical findings.

This present Audit Attestation Letter is registered under the unique identifier number "**AA2019011701**" and consist of 5 pages.

Kindly find here-below the details accordingly.

In case of any question, please contact:

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With best regards,

Dr. Anja Wiedemann
Reviewer

Matthias Wiedenhorst
Leadauditor

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Management Board
Dirk Kretzschmar

Identification of the conformity assessment body (CAB):	TÜV Informationstechnik GmbH ¹ , Langemarckstraße 20, 45141 Essen, Germany registered under HRB 11687, Amtsgericht Essen, Germany Accredited by DAkkS under registration D-ZE-12022-01 ² for the certification of trust services according to “DIN EN ISO/IEC 17065:2013” and “ETSI EN 319 403 V2.2.2 (2015-08)”.
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Identification of the trust service provider (TSP):	T-Systems International GmbH, Untere Industriestraße 20, 57250 Netphen, Germany, registered under “HRB 55933” at Amtsgericht Frankfurt am Main, Germany.
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Identification of the audited Root-CA:	T-TeleSec GlobalRoot Class 2	
	Distinguished Name	CN = T-TeleSec GlobalRoot Class 2 OU = T-Systems Trust Center O = T-Systems Enterprise Services GmbH C = DE
	SHA-256 fingerprint	91 e2 f5 78 8d 58 10 eb a7 ba 58 73 7d e1 54 8a 8e ca cd 01 45 98 bc 0b 14 3e 04 1b 17 05 25 52
	Certificate Serial number	01
	Applied policy	LCP of ETSI EN 319 411-1

¹ In the following termed shortly „TÜViT“

² <http://www.dakks.de/en/content/accredited-bodies-dakks?Regnr=D-ZE-12022-01-01>

The audit was performed as full period of time audit at the TSP's locations in Siegen, Netphen and Frankfurt, Germany. It took place from 2018-04-23 until 2018-04-26, from 2018-05-22 until 2018-05-24, on 2018-08-29 and on 2018-11-27 and covered the period from November 28th, 2017 until November 27th, 2018. The audit was performed according to the European Standards "ETSI EN 319 411-1, V1.1.1 (2016-02)" and "ETSI EN 319 401, V2.1.1 (2016-02)" considering the requirements of the "ETSI EN 319 403, V2.2.2 (2015-08)" for the Trust Service Provider Conformity Assessment.

The audit was based on the following policy and practice statement documents of the TSP:

1. Deutsche Telekom Corporate PKI (DTAG cPKI) – Certificate Policy (CP) & Certificate Practice Statement (CPS) – Zertifizierungsrichtlinie und Erklärung zum Zertifikatsbetrieb, Version 3.20 as of 2018-08-20

The following non-conformities have been identified during the audit:

- CPS is only available in German language. The TSP shall create and publish an English version of its CPS document. [ETSI EN 319 401, 6.1 c)]
- The new issuing HSM has been shipped with a non-certified firmware version. This shall be replaced with a FIPS 140-2 level 3-certified firmware version as soon as possible. [ETSI EN 319 411-1, 6.5.2 b)]
- The certificate profile shall be adapted in order to include the surname and givenName attributes within the subject DN for natural persons and the organizationIdentifier attribute within the subject DN for legal persons. [ETSI EN 319 411-1, 6.6.1]

The Sub-CAs that have been issued by the aforementioned Root-CA and that have been covered by this audit are listed in table 1 below.

The CA "Deutsche Telekom AG Issuing CA 01" has stopped the issuance of certificates on April 18th, 2018. During the audit, it was verified that this CA is issuing revocation status information but not any new end entity certificates.

Identification of the Sub-CA	Distinguished Name	SHA-256 fingerprint	Certificate Serial number OID	Applied policy	Service	EKU	Validity
Deutsche Telekom AG Issuing CA 01	CN = Deutsche Telekom AG Issuing CA 01 OU = Trust Center O = Deutsche Telekom AG C = DE	c6 19 30 77 c6 18 9d 1d fb bf 81 3b 87 dc 7c bf 04 98 ac f7 27 88 7b c7 ec 54 32 09 06 de 9b c8	00 ee db 86 0e 52 3b 2e 43	LCP	signature, encryption	id-kp-emailProtection (1.3.6.1.5.5.7.3.4) id-kp-OCSPSigning (1.3.6.1.5.5.7.3.9) szOID_KP_CA_EXCHANGE (1.3.6.1.4.1.311.21.5)	2016-07-13 until 2026-07-13
Deutsche Telekom AG secure email CA	CN = Deutsche Telekom AG secure email CA OU = Trust Center O = Deutsche Telekom AG C = DE	1a cf 28 aa 8c 53 03 ef e5 c3 01 18 62 39 36 b6 f5 01 f9 4d 3b b7 ad 35 b8 10 b7 64 34 5f 4f 01	75 81 aa 9f 98 30 a3 ab bf 5b b6 9f 84 d8 56	LCP	signature, encryption	id-kp-emailProtection (1.3.6.1.5.5.7.3.4) id-kp-OCSPSigning (1.3.6.1.5.5.7.3.9) szOID_KP_CA_EXCHANGE (1.3.6.1.4.1.311.21.5)	2018-01-18 until 2028-01-18

Table 1: Sub-CA's issued by the Root-CA

Modifications record

Version	Issuing Date	Changes
Version 1	17.01.2019	Initial attestation

End of the audit attestation letter.