Audit Attestation for

T-Systems International GmbH

Reference: AA2019072604

Essen, 26.07.2019

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 "**AA2019072604**" and consist of 6 pages.

Kindly find here-below the details accordingly.

In case of any question, please contact:

TÜV Informationstechnik GmbH
TÜV NORD GROUP
Certification Body
Langemarckstr. 20
45141 Essen, Germany
E-Mail: certuvit@tuvit.de
Phone: +49 (0) 201 / 8999-9

With best regards,

_____
Dr. Anja Wiedemann
Reviewer

_____
Matthias Wiedenhorst
Leadauditor

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)".

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.

Identification of the audited Root-CA:	TeleSec GlobalRoot Class 2 G2	
	Distinguished Name	CN = TeleSec GlobalRoot Class 2 G2 OU = T-Systems Trust Center O = T-Systems International GmbH C = DE
	SHA-256 fingerprint	66 FF 69 DB A0 6F 98 2E AE 53 F8 5D 34 18 6A AC 42 EB 71 D4 36 AC 69 D1 7E 1D 84 10 D7 0D 2A 27
	Certificate Serial number	00 A8 0A 76 8D F7 B2 75 37
	Applied policy	OVCP of ETSI EN 319 411-1

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[1] In the following termed shortly „TÜViT"
[2] http://www.dakks.de/en/content/accredited-bodies-dakks?Regnr=D-ZE-12022-01-01

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The audit was performed as full period of time audit at the TSP's locations in Netphen, Germany. It took place from 2019-04-08 until 2019-04-12 and 2019-05-08 and 2019-05-09 and covered the period from May 18th, 2018 until May 9th 2019. The audit was performed according to the European Standards "ETSI EN 319 411-2, V2.2.2 (2018-04)", "ETSI EN 319 411-1, V1.2.2 (2018-04)" and "ETSI EN 319 401, V2.2.1 (2018-04)" as well as CA Browser Forum Requirements "EV SSL Certificate Guidelines, version 1.6.8" and "Baseline Requirements, version 1.6.4" 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. CP/CPS TeleSec ServerPass, Zertifizierungsrichtlinie und Erklärung zum Zertifizierungsbetrieb (CP/CPS), Version 10.00 as of 2018-10-16, T-Systems International GmbH

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 TSP assured that all non-revoked Sub-CA's that are technically capable of issuing server or email certificates and that have been issued by this Root-CA are in the scope of regular audits.

Pending major non-conformities have been closed, if any.

In the following areas, non-conformities have been identified throughout the audit:

Findings with regard to ETSI EN 319 401:

7.9 Incident management

Documentation and implementation of the processes regarding logging functions shall be improved. [ETSI EN 319 401, REQ-7.9-04]

Findings with regard to ETSI EN 319 411-1:

6.5.2 Private key protection and cryptographic module engineering controls

Documentation and implementation of processes regarding HSM management shall be improved. [ETSI EN 319 411-1, GEN-6.5.2-06]

All minor non-conformities are scheduled for remediation within three months after the onsite audit and will be covered by a corresponding audit.

This Audit Attestation also covers the following incidents as documented under

-   Bug 1391074, T-Systems: Non-BR-Compliant Certificate Issuance
    https://bugzilla.mozilla.org/show_bug.cgi?id=1391074

The remediation measures taken by T-Systems as described on Bugzilla (see link above) have been accompanied by the auditors and showed to properly address the incident. The long-term effectiveness of the measures will be rechecked at the next regular audit.

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Identification of the Sub-CA	Distinguished Name	SHA-256 fingerprint	Certificate Serial number OID	Applied policy	Service	EKU	Validy
TeleSec ServerPass CA 2 G2	CN = TeleSec ServerPass CA 2 G2 OU = T-Systems Trust Center O = T-Systems International GmbH C = D	E4 13 AD E5 41 81 77 1C 6F ED 2A B5 F8 39 4A A9 21 10 94 1D 37 C7 AA E3 1E 11 4D C7 A1 4C 5E E9	1F 6B AB E8 71 0E E7 E1	policy OVCP of ETSI EN 319 411-1	Server authentication	Not defined	28 June 2016 to 28 June 2026

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

Modifications record

Version	Issuing Date	Changes
Version 1.0	2019-07-26	Initial attestation

End of the audit attestation letter.

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