



Audit Attestation for

T-Systems International GmbH

Reference: AA2019072601

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 "**AA2019072601**" and consist of 7 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 3	
	Distinguished Name	CN = T-TeleSec GlobalRoot Class 3 OU = T-Systems Trust Center O = T-Systems Enterprise Services GmbH C = DE
	SHA-256 fingerprint	FD 73 DA D3 1C 64 4F F1 B4 3B EF 0C CD DA 96 71 0B 9C D9 87 5E CA 7E 31 70 7A F3 E9 6D 52 2B BD
	Certificate Serial number	01
	Applied policy	EVCP of ETSI EN 319 411-1 QCP-w of ETSI EN 319 411-2

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 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]

Findings with regard to ETSI EN 319 411-2:

6.3 Certificate Life-Cycle operational requirements

Documentation and implementation of the X.509 “ExpiredCertsonCRL” extension shall be improved. [ETSI EN 319 411-2, CSS-6.3.10-05]

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
- Bug 1498463, T-Systems: Improperly encoded QCStatements extension
https://bugzilla.mozilla.org/show_bug.cgi?id=1498463

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.

Identification of the Sub-CA	Distinguished Name	SHA-256 fingerprint	Certificate Serial number OID	Applied policy	Service	EKU	Validy
TeleSec GlobalRoot Class 3 G2	CN = TeleSec GlobalRoot Class 3 G2 OU = T-Systems Trust Center O = T-Systems International GmbH C = DE	89 C8 24 31 C4 5C 73 01 13 CF 57 0F AF 37 FA 4E 62 F9 A5 7C 82 32 A9 8C ED C7 E6 FF 89 32 6C 43	1F 46 69 BE 5B 26 40 4D 90 2D 3A 97 48 3A CA E2	policy EVCP of ETSI EN 319 411-1 policy QCP-w of ETSI-EN 319 411-2	Cross certificate	Not defined	12 Feb 2019 to 12 Feb 2029
TeleSec ServerPass Extended Validation Class 3 CA	CN = TeleSec ServerPass Extended Validation Class 3 CA STREET = Untere Industriestr. 20 L = Netphen PostalCode = 57250 S = Nordrhein Westfalen OU = T-Systems Trust Center	8A 0A DD AE 4F 2C F9 D2 C2 4D 7A 49 EE D5 C8 6C 8B 1D F1 C8 5B A7 3D E5 C4 77 CB 14 FA 0D 13 E9	17 4D 2C A6 D6 32 3C 0E	policy EVCP of ETSI EN 319 411-1 policy QCP-w of ETSI-EN 319 411-2	Server authentication	Not defined	11 Feb 2014 to 11 Feb 2024

	O = T-Systems International GmbH C = DE						
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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.