

## Audit Attestation for

### AGENCE NATIONALE DE CERTIFICATION ELECTRONIQUE

Headquarter: Parc Technologique El Ghazala Route de Raoued Km 3,5  
- 2083 Ariana - Tunisie

**Reference: No. 1648-154\_AL\_V1.0**

*3 December 2019*

To whom it may concern,

This is to confirm that LSTI has successfully audited the CAs of AGENCE NATIONALE DE CERTIFICATION ELECTRONIQUE (here-after as "ANCE") Trust Service Provider without pending critical findings, if any.

This present Audit Attestation Letter is registered under the unique identifier number n°1648-154\_AL\_V1.0 and consists of 8 pages.

Kindly find here-below the details accordingly.

In case of any question, please contact:

*LSTI Group*

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With best regards,

Philippe Bouchet  
Managing Director

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|---|---|
| <p><b>Identification of the conformity assessment body (CAB):</b></p> | <p>LSTI<sup>1</sup>, 10 Avenue Anita Conti, 35400 Saint-Malo, France<br/> registered under n°453867863<br/> LSTI Worldwide Limited, Clifton House – Fitzwilliam street lower, Dublin 2 – Ireland<br/> registered under n°582309</p> <p>Accredited by COFRAC under registration number 5-0546<br/> in accordance with EN ISO/IEC 17065:2013 and in accordance with the eIDAS EU Regulation art. 3 (18) and the ETSI EN 319 403 v2.2.2.<br/> Detailed scope at <a href="http://cofrac.fr/en/easysearch/index.php">http://cofrac.fr/en/easysearch/index.php</a></p> <p>COFRAC<br/> 52 Rue Jacques Hillairet<br/> 75012 Paris<br/> FRANCE<br/> Phone: +33 144688220</p> |
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|   |   |
|---|---|
| <p><b>Identification of the trust service provider (TSP):</b></p> | <p>AGENCE NATIONALE DE CERTIFICATION ELECTRONIQUE<br/> Parc Technologique El Ghazala<br/> Route de Raoued Km, 3,5<br/> 2083 Ariana - Tunisie<br/> Registered under the company number: C1842002<br/> Email : Mrs. Syrine Tlili <a href="mailto:syrine.tlili@certification.tn">syrine.tlili@certification.tn</a></p> |
| <p><b>Sites audited:</b></p>                                      | <p><b>Headquarter/ data center :</b><br/> Parc Technologique El Ghazala<br/> Route de Raoued Km, 3,5<br/> 2083 Ariana - Tunisia</p> <p><b>Back-up data center :</b><br/> Datacenter Tunisie Telecom<br/> Les jardins de Carthage<br/> Tunis – Tunisia</p>   |

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<sup>1</sup> in the following termed shortly "CAB"

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|--|---------------------------|--|
| Identification of the audited Root-CA: | Tunisia National Root CA  |  |
|  | Distinguished Name        | CN=Tunisia National Root CA,O=National Digital Certification Agency,L=Tunis,C=TN |
|  | SHA-256 fingerprint       | 4FBA9F8B2BF70D947FF847C15FBA65133884018A9BB2B2E209B833C93F57B67C                 |
|  | Certificate Serial number | 683E1155929C8E8E   |
|  | Applied policy            | none   |
|  | Validity                  | 11/29/2016 to 05/29/2037   |

|  |                           |   |
|--|---------------------------|---|
| Identification of the audited Root-CA: | TunTrust Root CA          |   |
|  | Distinguished Name        | C=TN, O=Agence Nationale de Certification Electronique, CN=TunTrust Root CA |
|  | SHA-256 fingerprint       | 2E44102AB58CB85419451C8E19D9ACF3662CAFBC614B6A53960A30F7D0E2EB41            |
|  | Certificate Serial number | 1302D5E2404C92468616675DB4BBBBB26B3EFC13                                    |
|  | Applied policy            | none  |
|  | Validity                  | 04/26/2019 to 04/26/2044  |

|  |  |  |
|--|--|--|
| Identification of the audited Root-CA: | Tunisian Root Certificate Authority - TunRootCA2   |  |
| Distinguished Name                     | O=National Digital Certification Agency,CN=Tunisian Root Certificate Authority - TunRootCA2,C=TN |  |
| SHA-256 fingerprint                    | C795FF8FF20C966688F064A1E091421D3110A3456C17EC2404B998738741F622                                 |  |
| Certificate Serial number              | 2166150505270505BC8AB01DAF0ABEC4   |  |
| Applied policy                         | None   |  |
| Validity                               | 05/05/2015 to 05/05/2027   |  |

The audit was performed as full annual audit at the TSP's location in *Tunisia*. It took place on 06/09/2019 and from 16/09/2019 until 20/09/2019 and covered the period 07/09/2018 to 07/09/2019.

The audit was performed as a full audit and has been documented in a specific report.

The next assessment has to be successfully carried out before 07/09/2020 in order to issue a new audit attestation letter as stated in the corresponding certificates issued by LSTI.

The audit was performed according to the *European Standards "ETSI EN 319 401 V2.2.1 (2018-04)", "ETSI EN 319 411-2, V2.2.2 (2018-04)", "ETSI EN 319 411-1, V1.2.2 (2018-04)"* as well as CA Browser Forum Requirements "Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.6.6" considering the requirements of the "ETSI EN 319 403, V2.2.2 (2015-08)" for the Trust Service Provider Conformity Assessment.

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

|                 | Titre   | Version | Date       |
|-----------------|---|---------|------------|
| <b>PDS</b>      | PKI Disclosure Statement                            | v2      | 16.09.2019 |
| <b>CP/CPS</b>   | Tunisian Server Certificate Authority PTC BR CP/CPS | v10     | 12.09.2019 |
|                 | Tunisian National PKI CP/CPS                        | v9      | 12.09.2019 |
|                 | TunTrust PKI CP/CPS                                 | v2      | 30.04.2019 |
| <b>T&amp;Cs</b> | Conditions Générales d'Utilisation (CU/GAE/04)      | v3      | 23.05.2019 |
|                 | Subscriber Agreement (CU/GAE/01)                    | v4      | 23.05.2019 |
| <b>Profiles</b> | Naming and Profiles Document (AD/GAC/03)            | v7      | 13.09.2019 |

The Sub-CAs that have been issued by the aforementioned Root-CAs 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

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technically capable of issuing server or email certificates and that have been issued by these Root-CAs are in the scope of regular audits.

All Minor Non-Conformities have been scheduled to be remediated within three months after the onsite audit and will be covered by a corresponding audit.

| Identification of the CA Distinguished Name        | Standard                       | Level         | Applied policy | Serial number (root) OID (end users)    | Service                       | EKU  | SHA-256 fingerprint  |
|--|--------------------------------|---------------|----------------|---|-------------------------------|--|--|
| Tunisian National Root CA                          |                                |               |                | 683e1155929c8e8e                        | Root                          |  | 4FBA9F8B2BF70D947FF847C15FBA65133884018A9BB2B2E209B833C93F57B67C |
| Tunisia Gov CA                                     |                                |               |                | 2.16.788.1.2.6.1.9                      | Intermediate CA               |  | 379368F78E9937A8B0BB723E999950861275120D6775324E37A70CF169760A64 |
| Tn Trust Gov CA                                    |                                |               |                | 2.16.788.1.2.6.1.9                      | Sub CA                        |  | 55175F1C24C2580E0C294B9BBE86D0AEC09B43B862AFB3EC8127061ACCE7FB06 |
| Tn Trust Gov CA*<br><b>*out of the audit scope</b> | ETSI EN 319 411-1              | Non-Qualified | OVCP           | 2.16.788.1.2.6.1.9.1.1                  | Server authentication         |  |  |
| Tn Trust Qualified Gov CA                          |                                |               |                | 2.16.788.1.2.6.1.10                     | Sub CA                        |  | 45877EFD70093B5BB366FFC6FCF0D5B7EFFE1C0EC1DE4D54E1067D8B5FEB1F5C |
| Tn Trust Qualified Gov CA                          | ETSI EN 319 411-2              | Qualified     | QCP-n-QSignCD  | 2.16.788.1.2.6.1.10.1.1                 | Signature                     | TLS Web Client Authentication, E-mail Protection |  |
| Tn Trust Qualified Gov CA                          | ETSI EN 319 411-2              | Qualified     | QCP-l-QSealCD  | 2.16.788.1.2.6.1.10.1.2                 | Seal                          |  |  |
| Tn Trust Qualified Gov CA                          | ETSI EN 319 411-2              | Qualified     | QCP-n-qscd     | 2.16.788.1.2.6.1.10.1.3                 | Signature (remote)            |  |  |
| TunRoot CA2  |                                |               |                | 2166150505270505bc8ab01daf0abec4        | Root CA                       |  | C795FF8FF20C966688F064A1E091421D3110A3456C17EC2404B998738741F622 |
| TunServerCA2                                       |                                |               |                | 2.16.788.1.2.6.1.8                      | SubCA                         |  | EF413BF16D8197CBAF941660CC5EAB30F1DEC4764F73C71B2AB5274864BF2F6F |
| TunServerCA2                                       | ETSI EN 319-411-1<br>CAB Forum | Non-Qualified | OVCP           | 2.16.788.1.2.6.1.8                      | TLS Web Server authentication | Server authentication<br>Client authentication   | E21B70AA94A777EE071B9FA4360913F8B249B1EB2980BF228A470DB56AB6FA34 |
| TunTrust Root CA                                   |                                |               |                | 1302d5e2404c92468616675db4bbbb26b3efc13 | Root CA                       |  | 2E44102AB58CB85419451C8E19D9ACF3662CAFBC614B6A53960A30F7D0E2EB41 |

| Identification of the CA Distinguished Name | Standard                    | Level         | Applied policy | Serial number (root) OID (end users) | Service | EKU  | SHA-256 fingerprint  |
|---|-----------------------------|---------------|----------------|--------------------------------------|---------|--|--|
| TunTrust Services CA                        |                             |               |                | 2.16.788.1.2.7.1.1.2                 | SubCA   |  | 063627355C941A1C93FC515CBAEF2F173D4A646DDEB139CB8C75C102222994F  |
| TunTrust Services CA                        | ETSI EN 319-411-1 CAB Forum | Non-Qualified | OVCP           | 2.16.788.1.2.7.1.1.2.1               | TLS Web | Server authentication<br>Client authentication | 0E508B0584F98BE21F89EE316E71F05CC013CBA8D76C7776CF5BF9B6FF9F110F |

**Table 1: CA's issued by the Sub-Cas**

**Modifications records**

| <b>Version</b> | <b>Issuing Date</b> | <b>Changes</b>      |
|----------------|---------------------|---------------------|
| Version 1.0    | 3 December 2019     | Initial attestation |

**End of the audit attestation letter**