



**Conformity Assessment Report:
Conformity Certificate and Summary**

TelekomSecurity.031.0315.09.2024

Trust Service Provider:

SIGN8 GmbH

Conformity Certificate

TelekomSecurity.031.0315.09.2024

pursuant to Article 20 par. 1 of REGULATION (EU) No. 910/2014¹

valid from 30.09.2024 up to and including: 29.09.2026

Certification Body of Deutsche Telekom Security GmbH

Bonner Talweg 100, 53113 Bonn

This is to certify
– pursuant to Article 20 par. 1 of REGULATION (EU) No. 910/2014 –
that the

Trust Service Provider **„SIGN8 GmbH“**

provides the following trust services:

- **issuance qualified certificates for electronic signatures**
- **issuance qualified certificates for electronic seals**
- **management of remote QSCD for qualified el. signatures/seals**
- **creation of qualified electronic timestamps**

in accordance with the requirements of REGULATION (EU) No. 910/2014.

This certificate is filed and registered under: **TelekomSecurity.031.0315.09.2024**



Bonn, 30.09.2024

i.V. Dr. Igor Furgel
Head of Certification Body



Deutsche Telekom Security GmbH – Certification Body – is an accredited Conformity Assessment Body (CAB).

DAkKS Registration No.: D-ZE-21631-01 (former Certification Body of T-Systems International GmbH, former registration no.: D-ZE-12025-01).



¹ REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC amended by the REGULATION (EU) 2024/1183 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 April 2024 amending Regulation (EU) No 910/2014 as regards establishing the European Digital Identity Framework

1. Object of the Conformity Assessment

1.1 Name of the Trust Service Provider

SIGN8 GmbH
Fürstenrieder Straße 5
80687 München
Germany

Internet: <https://www.SIGN8.eu>
Phone: +49 (0)89 / 2153 7472 000
e-mail: info@sign8.eu

1.2 Name(s) of the Qualified Trust Services Provided

- **SIGN8 qualified signatures certificate, SIGN8 qualified electronic signatures certificate.**

The names above represent merely different names of same trusted service for marketing purposes.

- **SIGN8 qualified seal certificate, SIGN8 qualified electronic seal certificate.**

The names above represent merely different names of same trusted service for marketing purposes.

- **SIGN8 qualified remote signing, SIGN8 qualified electronic remote signing.**

The names above represent merely different names of same trusted service for marketing purposes.

- **SIGN8 qualified remote sealing, SIGN8 qualified electronic remote sealing.**

The names above represent merely different names of same trusted service for marketing purposes.

- **SIGN8 qualified timestamping, SIGN8 qualified electronic timestamping.**

The names above represent merely different names of same trusted service for marketing purposes.

1.3 Current Confirmation Status

SIGN8 GmbH (abbreviated as SIGN8) is a 'qualified trust service provider' (qTSP) according to Art. 24 of eIDAS Regulation².

The last full conformity assessment according to Article 20(1) of the eIDAS Regulation was accomplished with issuing the conformity certificate TelekomSecurity.031.0283.09.2022 as of 30.09.2022.

The present - 24 months periodic - conformity assessment of the TSP according to Article 20(1) of the eIDAS Regulation serves the continuation of its status as a 'qualified trust service provider' according to Article 24 of the eIDAS Regulation for all qualified trust services offered by the qTSP.

The present assessment is based on

- the Service Provision Practice Statement, version 1.4 as of 10.09.2024 (not publicly available), and
- the Certificate Practice Statement, version 1.4 as of 10.09.2024 (publicly available). This document is publicly available under <https://www.sign8.eu/trust>.

2. TSP's Trust Services in Scope of the Conformity Assessment

SIGN8 GmbH operates and provides the following trust services in the qualified TSP operation as defined in eIDAS Regulation, Article 3

- issuing qualified certificates for electronic signatures (qualified trust service - CA/QC),
- issuing qualified certificates for electronic seals (qualified trust service - CA/QC),
- creating qualified electronic timestamps (qualified trust service - TSA/QTST).

² REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC amended by the REGULATION (EU) 2024/1183 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 April 2024 amending Regulation (EU) No 910/2014 as regards establishing the European Digital Identity Framework

The TSP also provides qualified remote (server) signing service for TSP's subscribers for generation qualified electronic signatures and seals, i.e.

- generating and managing signature/seal creation data on behalf of subscribers (qualified trust service – RemoteQSCDManagement/Q), and
- generating qualified electronic signatures and seals based on signature/seal creation data managed by TSP on behalf of subscribers (qualified trust service – RemoteQSCDManagement/Q).

The remote signing service for TSP's subscribers corresponds with the particular trust service type for remote signing

URI: <http://uri.etsi.org/TrstSvc/Svctype/RemoteQSCDManagement/Q> as defined by ETSI TS 119 612 v2.2.1, sec. 5.5.1.1.

Signature/seal creation data generated and managed by the TSP on behalf of subscribers can be used by TSP's subscribers within the remote signing service provided by the TSP to its subscribers.

Besides this, the TSP also issues *portable* qualified secure signature/seal creation devices (qSCD) – so called eToken in USB-stick form factor – to TSP's subscribers. These devices acting as qSCD for generating qualified electronic signatures locally are "IDPrime 940" and "IDPrime 940C" (contact interface) as well as "IDPrime 3940" and "IDPrime 3940C" (dual interface).

SIGN8 GmbH operates and provides the following relevant services:

- Registration (request submission, request verification, subscriber identification),
- Subscriber's key pair generation on behalf of subscriber,
- Subscriber's public key certification (certificate production) for qualified electronic signatures and seals,

The certificate extension qcStatement – qcSCD (information about storage of subscriber's keys in the qualified signature/seal creation device), is always placed by the TSP in a qualified certificate,

- Certificate revocation service,
- Providing online certificate status information via OCSP (RFC6960 on the request – response basis),
- Providing a remote access for subscribers for the execution of transactions (generation of remote signatures and remote seals),
- Creating qualified electronic timestamps,

- Operation of a web portal providing information about these services (<https://www.sign8.eu>, <https://www.sign8.eu/trust>), including the TSP's Practice Statement, online forms for applications (menu entry 'functions'), subscriber information, legal basis (see footer on the website), service certificates and other related information,
- Technical support for customers/subscribers via the functional mailbox customerservice@sign8.eu.

Following qualified trust services are covered by the current conformity assessment:

Description of the trust service	'qualified trust service type' according to ETSI TS 119 612 V2.1.1, sec. 5.5.1
creating qualified certificates for electronic signatures	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC URI: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/OCSP/QC
creating qualified certificates for electronic seals	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC URI: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/OCSP/QC
creating qualified electronic timestamp	URI: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

Description of the trust service	'qualified trust service type' according to ETSI TS 119 612 V2.2.1, sec. 5.5.1
	ETSI TS 119 612 V2.2.1 is NOT covered by the IMPLEMENTING DECISION (EU) 2015/1505 (Trusted Lists)
qualified remote qSCD management supports generation and management of signature/seal creation data within qSCD(s) on behalf and under control of remote signers or	URI: http://uri.etsi.org/TrstSvc/Svctype/RemoteQSCDManagement/Q

Description of the trust service	'qualified trust service type' according to ETSI TS 119 612 V2.2.1, sec. 5.5.1 ETSI TS 119 612 V2.2.1 is NOT covered by the IMPLEMENTING DECISION (EU) 2015/1505 (Trusted Lists)
seal creators	

Each qualified trust service covered by the present conformity assessment is identified by the service certificate information, which is unambiguously assignable to each single trust service.

This service certificate information is summarised below, whereby certificates tagged as '*for verification only*' or '*expired*', if any, shall be kept on trusted lists for enabling a long period verification.

The TSP operates the following PKIs as single branches of the 'SIGN8 PKI':

PKI 1st Generation [CA 01 for QC]:

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 422467883975123211270282792050212362449922876181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc

Trust service certificates (QES-Seal-CA-01)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN= SIGN8 GmbH QES SEAL CA 01	HEX: 629D7A4480DCD113492E32517F46A000F658261F
TSL-registered	DEC: 562992963546277935902913010124667602753520 412191
Base64: -----BEGIN CERTIFICATE----- MIIGPjCCBCagAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJh8wDQYJKoZIhvcNAQENBQAwYoxCzAJBgNVBAYT AkRFRmRAwDgYDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApTSUdOOCBhbWJIMRQwEgYDVQRhDATERTM0OTk3Nzg4 MjEeMBwGA1UECwwVU01HTjggR21iSCBST09UIENBIDAxMR4wHAYDVQQDDDBVTStUdOOCBhbWJIIFFJPT1QgQ0Eg MDEwHhcNMjIwNDI4MTY1OTExWhcNMzcwNDIOMTY1OTExWjB8MQswCQYDVQQGEWJERTEQMA4GA1UECAwHQmF2 YXJpYTETMBEGA1UECgwKU01HTjggR21iSDEiMCAGA1UECwwZU01HTjggR21iSCBRRVMgU0VBTCDQSAwMTEi MCAGA1UEAwZU01HTjggR21iSCBRRVMgU0VBTCDQSAwMTECAiIwDQYJKoZIhvcNAQEBBQADggIPADCCAgoC ggIBAPn8Mi8LMTTM1ljO5RYQNm/rvmUwzft2TKlByAdm2OrDhi0sGZwPbboTNhcXVVFba03fzS2kS2yCgtKh AlsLn+6W2IYtdrBbnUenzDIHzUlCElu28Kyo8FG3Y3YreOqN+MAE2bJvu1LGEGBCG3IpyV4Rall0ZcaekmHV EZ9l6yeDV+6A0lUYWebj8PFLfT3/pDrdpeGuSWo8yrSiuHL6qAl1GLD+Qk8H8iJJYt5nAcCzvFC+EkAhNnxe 4a1OM+TBFj2a2JRw8pLYrBWlj8rfqSntLe+9Q6cK0vo0Cn0SyEJfe9XT1dleLoYem82kpj52mrdP7nKQIEMj 1lwZ9kBVlKd1STzipYaJfjgkHSujyPxTglC6VO/zLbPFGE7o38RgAWR9rmI4+KvmQbhiDHUAgEJTTwMgskJB vu+BvprWC4oUQF33Vyziq1/wIw4hXc7vULXW0cyk+dwJBnjAsuchaF5r7fb6/AxXozK20r/19HcsAW4KV1L kjoS8IsTqd8A0ejb6Ev5RaqIPliA8rtXe4bMLpWRxEVWbpOmSmLjaLOD+L9wNxtz3JYDSUEaCNIYbHfz9ZWD UWBk3AcrypVB7rv+/NG+8FEU/eRu++m1Vp+2iOeYsAu+mT+ZVCwXEdMyqWjUMgUUn8ln4mW7TmdlyXaszaFV A6qUJnOUOBHJqB1VAgMBAAGjgagwgaUwHQYDVR0OBBYEFgvUyYkqQh+PVYDSD4bWgf6Q9MWXMB8GA1UdIwQY MBaAFGPwewwLtydB6IdxUXbuPWLg/Z2UMBIGAlUdEwEB/wQIMAYBAf8CAQAwDgYDVROPAQH/BAQDAgEGMD8G A1UdIAQ4MDYwNAYLKwYBBAGDx1UBAAAwJTAjBggrBgEFBQcCARYXaHR0cHM6Ly9zaWduOC5ldS90cnVzdC8w DQYJKoZIhvcNAQENBQADggIBAI0mVoDBnuQDPYE++8EvnApEufcC6i02oHiS1mUq1JSJMbzhBkGsnbIAVqQ tYrkz1pggzSrUzrKj5V5WGSgXCh/43nOpSsMex2aLKAzVQpedMHGjvIcuFu+a4h7MzPvRc9oC1QCdhQ0cFX8 ApvIPvBPV+oQydYY0lhTfkbDF3y7aiEbgqDfcT7JfoPTLwMTEY+LkWRzQOel+4VqUR6KK7tKYkK9n5djA8KA6 4LyNRdO6b1HCo/6hRZ66v8T32nzauJwgIau/yGV7kZu2xpkoXobnZd0CAUkPMDFIG11L3NGzTMZwoHszg4Na DFr+t3CIPyDHP1ODFaiUtB82Lxf5Mi+ncXfGkCrGdJVeBG8KnZP80E5eo+Mcbd4jxiwojJrEe03mliPFbjm5 RR7Yq8luOKGDxSqmSxGsISrluDZ8Rh5ta41JD1ytCnsJVzoFAWNPPYuohRM0BznlnhJro30KEVYXuict7xtBy pFEv2OhimRfXyVexgqQdSFcp/Ek3pHEWuHS3Ec3lhXVklSjK/FNqFYvxNEuyEj2tp3CYea4hBsVl5nAes3d3 quaqXGj45qfL8KQuF0VgXqLi+LfLAVbJKzDZel+PdJ+55vEETGDhnBCpRWCz67EkBzEw54XVphjaFZL6FWIv tdKODx1IjGrSHCwxW76ZNRl5WxZZabIJ+h84-----END CERTIFICATE-----	

Table 1: „SIGN8 PKI QSEAL RSA 1st GEN“: Certificates for the trust service /CA/QC

30.09.2024

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ReFiyXvIGuVRYowy23sLe59ITNCWabDa+PnJ/00vQGNJpbaBu9N4j1KGgzM1h6wxyJIHNPpe4/jhImMH+NS
P3bLfOsVz/grUDjENwyDlRWtstK0ZtoF+K01AY87Tsl00kig5qgN4XsaRPPITqSSnpMfisJupwsM4lKu/YU
/bZnIPTpvKdJv+Z07150q76Q6bYtLpMps8T06pMeaxrm2DBdEuzoLD3V8bcVgJ3fPsU0h+0i9RW1hFVFvcx
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XXa2zQImpL4ECFDW2uVTSE0RerddJ9xGZuYNweLSn3lFUP9HrVoGn9idI15a10w/go+mEAglCMK+qjjQsn
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+QkMB8GA1UdIwQYMBaAFGPwewwLtydB6IdXUxbuPWLg/Z2UMBIGA1UdEwEB/wQIMAYBAf8CAQAwdGyDVR0P
AQH/BAQDAgEGMD8GA1UdIAQ4MDYwNAYLKwYBBAGDx1UBAAAwJTAjBggrBgEFBQcCARYXAHR0cHM6Ly9zaWd
uOC5ldS90cnVzdC8wDQYJKoZIhvcNAQENBQADggIBAKWqbuzW2Qbyc3X+V5EvO3/NxLr8vOTDah5u6JN2Co
vkBh208AvPJJlK2NwdXmqFrMcqcBcBROGVjKL6P4+C+JU8YdQfaviq3W2a7oUghW3vC25RRi15mHDWYzDb
ivc4bKxVYH3RoeEdGhJSxj53nosat3WtOA2AK4/JGZGk0X+4/we4mwa9avxuJAv3ychYogrpxG2VglZPfNG
kQ/XID9AULsm4I1X5aQzYNVZSUh4INRHxf+j/MPNYt2UTTBfAbSl4HsPIluoSzrZxlDls20UI3pkLu3p+2j
tqepDBF0rP9U1MfYtFzvL+SjixIS2hXvBwpzX0tU3YGi8QnkrkLmKkLDUZJFs+hN7rbXK+Vh0+92Ate7ve
1Fvbd5C8RdQj38QzjE6SKnJ3fWU/g95MmBRsbyPo7TgzjwYryFbK3YIqmWLmaM+GXOx76WoQcz9el3jCjXB
xumvVJW0NWLTD9kM0+RFK1jdkybFVpooBZDJPmEC56UVGIEkFosXS0008IsthCPGCB/EBNgSDzACnrlbp0y
j4R9QUX5/2THMWg7CVmE/NTYhAqFtUym5vJQ/xT42N1IgGUF+6L2KYnaZLeZvH9KMQHiOn2zBfLPuvJl0F4
z50A9fyNGdCEf00jHZHC48t1sXLBIJCxlSYI+iL8dd38x+tYpYdPtaWNmVqEp-----END CERTIFICATE--
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Table 2: „SIGN8 PKI QSEAL ECC 1st GEN“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1:

2d3fb00cc3f2e9361368938d60cb14a682518cfc	
Trust service certificates (QES-Signing-CA-01) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 GmbH QES SIGNATURE CA 01 <u>TSL-registered</u>	HEX: 629d7a4480dcd113492e32517f46a000f658261e DEC: 56299296354627793590291301012466760275352 0412190
Base64: -----BEGIN CERTIFICATE----- MIIGSTCCBDGgAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJh4wDQYJKoZIhvcNAQENBQAwYoxCzAJBgNVBAYTAkRFRMRAdgYDVQQIDAdCYXZhcmllhMRMwEQYDVQQKDApTSud0OCBHbWJIMRQwEgYDVQRhDAERTM0OTk3Nzg4MjEeMBwGA1UECwwVU01HTjggR21iSCBST09UIENBIDAxMR4wHAYDVQQDDDBVTUd0OCBHbWJIIFFJPT1QgQ0EgMDEwHhcNMjIwNDI0MTY0MzI0WWhcNMzcwNDI0MTY0MzI0WjCBhjELMAkGA1UEBhMCREUxEDAoBgNVBAGMB0JhdmFyaWEeZARBgNVBAoMC1NJR044IEdtYkgxJzAlBgNVBASMH1NJR044IEdtYkggUUVTF1FNJR05BVFVSRSDQSAwMTEnMCUGA1UEAwweU01HTjggR21iSCBRRVMgU01HTkFUVVVF1FNBIDAxMIIICjANBgkqhkiG9w0BAQEFAAOCAg8AMIICCGKCAgEAt5HuOPYjIgo7E+YHYX35/8eBu1WpdpmyZbjAHgUOHrosVVGf1wHcxichcTTtGs0ro3oxE/k0+4LiLELPu2tpDTpC+Mpq/aEJmdyVcwKQ2v4GcAMKDGryQC8YOSAYc/GYjsuBp9VQiHgk9VwR47boctEcHnm9V1xKfhoeDwLhM+M3P59W8MupsTBVuSgvfLMXwB70taUv9Uhafk2e470P4LU7kVE5/NryanWCI/NvHCaKf6RTec/xOseyC0DghLKn+8sHEbxt+6qvP9bUSxpA52q1L5UmZKoKqLQi1R4yhZhH3h+gruJDNmJmRdgLvlZSeo/LBmqGauB2JiGdYytU0jE8ppFlx+PfnOZJY0bfIAtuxOgJWN530TcNkv20+YYwx8yrRA+Gr6eEGzSMYvNgN0lmMJa9UTSq+8uCsJXuMLMF+STYQCQGVk6SJBkKhjQ5mqewTDNbw+qSSJDgrGVMYVB3U2OtZMEUfK0Kna8QcSbc6HIIjdvU4P4Qxbzm0dZ6BEa+A5rnFlOI9tFtOWICommYvHxnzbbK2CGnGGNb4314nyX/LBoMzpdOe1lwUlohKC8sRDWY7UtwprAW9NFSe3yUMPX1NqKjPkLvVvKihHFQF3rXMIEAAbd/uAYuyYgrMaqvz1Ai+6yxhG5EJDsWzdkOBjaUQ4TOWN6XFzSDa38CAwEAaA0BqDCBpTadBgNVHQ4EFgQUnEdgKf11yaIcezAE7R7z6x5/SH4wHwYDVR0jBBgwFoAUY/B7DAu3J0Hoh3FRdu49YuD9nZQwEgYDVROTAQH/BAGwBgEB/wIBADA0BgNVHQ8BAf8EBAMCAQYwPwYDVR0gBDgwnjA0BgSRBgEEAYPGVQEAAADALMCMGCCsGAQUFBwIBFhdodHRwczovL3NpZ244LmV1L3RydXN0LzANBgkqhkiG9w0BAQ0FAAOCAgEAqSMXvLJC+AegRIQi3JnX0Eb5Ere5ROAYfOPWLHRX1Q8FU+yaD3sthovRfQJKhh9kWRP+JQX3tdnrFcSwEmag+yg+saTDjmoIQ3erWJdAhNHpQ/Or2jFbjuMwRiwb2aiyUx4gSm7mt3W05E43FzgaE2bsIFgHi+yy5WxYLxLgqMopNedMAME4ZnqoSEIvePmxvCMU/44C+6US8FgHM4e5jth+kI6uDVk41PmVnFfyjVKGCXzjT5ZshFG2hdoxWQS/jDd0CusdmLHX4qeILmgj1NR7CDyaE0YTFFaYYfXX333+Wen5pXWkmzb50LZmu5iXIMJbgx8ntCMsP2dmr2TmZiMcgjJt2kzUF7Dj6rspGY9dp9osgga2815FOZens29I5TQ/5rOxzI7o5RcR9nVaQZ43NZxE4RB1jTWnCMkf30/s8aKd5qYse7JvhB5G1VhsJxpFukYPy0D6Fe4JtO54E+hZ0RjHWpdv2qG2km+9noaiitCJjJDLvw5rEBRZWNJdNuaizi5Uzde/h3pOcnKQ8pinYv+ul5TRLQ11TS/8h3KtqOm5gPzazkgEQrbQLHzFjruTXrW6IZqWvhZ1vIImm77k7xwDEmPvB5huj1bTXYN2EiNVI5nNzjmmtAD5Mz85sxVQg7kYIXMoMqgRbx+DGD1U1gygt8fRWUXGGetv/I=----- END CERTIFICATE-----	

Table 3: „SIGN8 PKI QES RSA 1st GEN“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	

30.09.2024

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odHRwcZovL3NpZ244LmVlL3RydXN0LzANBgkqhkiG9w0BAQ0FAAOCAGFALkws8CvXt0qnFxt73c21r29jG
R7NgldorGzVFFf9CKog1HPca3ex3sHpXTjgyWtcK1PdWFSLbKRctb0pvJOhrIGfH+5ffwMmVKh4P85miWNJ
+iOnsBLUU3oRD14yRZ4BApPm+yr2gyk9RJarKTurTcCz8JvSV0qS6qkknDs1gdX2ivgwOvMmL7FeEwjaVpt
aQ1ZEaw0u7n1JWLEuJv3Vz5RFXTCCh6Z1cTTuY7koTpDHi+1jwxx2UZ0ABQPnwU2etyMquCisL82dYRatHo
ugX1A7KBhLOFdAYual7dsQf6cyU8zFxSglqn0Gl+mEe2/ooiGIG1fyb4mfBWIPvz+6dVYSEL/SDWfSbpCoC
qDrdTHGw4boQDdLf50Cx4pTsEl1WgWROF2rVjS2HNmJj/PQaeUqpnGi07DMY59RBI7K9i19712bCQujDOLU
m8TW+O1f7rrqtPWpwBbWYuWFOA7Qhdi4RSqOXjNzZcmY/+eB7nh8WBMQu6E1qkOGk9MRdR/JRA9+H3IcmzA
9CKaW+4kSRUt19zGWYd07JUrWTFBYZ/Ubw7Xw2nvnLOk7CrkTSAYLN12MU1Ob+b2wNkOoWytX350MftAdcd
LMj0bptm/LNOLGJ7bb6KjNnXazfm3Jq8/IQy2oOolyJrNLRp9u9HTyQfFRUY4zhAM7oShXrI9IHw=-----
END CERTIFICATE-----

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Table 4: „SIGN8 PKI QES ECC 1st GEN“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Seal-CA-01)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN= SIGN8 GmbH QES SEAL CA 01 <i>TSL-registered</i>	HEX: 629D7A4480DCD113492E32517F46A000F658261F

	DEC: 56299296354627793590291301012466760275352 0412191
Base64: see Table 1 above.	
Trust service certificate (OSCP-Service-Certificate) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SEAL-SIGN8-01	HEX: 35CF5B83568751FA DEC: 3877418423839838714

Table 5: „SIGN8 PKI QSEAL RSA 1st GEN“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Seal-CA-02) /C=DE /O=SIGN8 GmbH/	

certificate name (CN)	Serial number (SN, hex, dec)
CN= SIGN8 GmbH QES SEAL CA 02 <i>TSL-registered</i>	HEX: 629D7A4480DCD113492E32517F46A000F6582621 DEC: 56299296354627793590291301012466760275352 0412193
Base64: see Table 2 above.	
Trust service certificate (OSCP-Service-Certificate) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SEAL-SIGN8-02	HEX: 55648cb5e0d8a199 DEC: 6153197703684202905

Table 6: „SIGN8 PKI QSEAL ECC 1st GEN“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1:

	2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Signing-CA-01)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 GmbH QES SIGNATURE CA 01 <i>TSL-registered</i>	HEX: 629D7A4480DCD113492E32517F46A000F658261E DEC: 56299296354627793590291301012466760275352 0412190
Base64: see Table 3 above.	
Trust service certificate (OCSP-Service-Certificate)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGNATURE-SIGN8-01	HEX: 74DAFDB7F36B5AA3 DEC: 8420321419827305123

Table 7: „SIGN8 PKI QES RSA 1st GEN“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315

	DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Signing-CA-02) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 GmbH QES SIGNATURE CA 02 <i>TSL-registered</i>	HEX: 629D7A4480DCD113492E32517F46A000F6582620 DEC: 56299296354627793590291301012466760275352 0412192
Base64: see Table 4 above.	
Trust service certificate (OCSP-Service-Certificate) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGNATURE-SIGN8-02	HEX: 3890DF25D50A451E DEC: 4076003016351302942

Table 8: „SIGN8 PKI QES ECC 1st GEN“: Certificates for the trust service /Certstatus/OCSP/QC

PKI 2nd Generation [CA 03 and CA 04 for QC]:

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	

certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificates (SIGN8 QES SEAL CA 03) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SEAL CA 03 <i>TSL-registered</i>	HEX: 629d7a4480dcd113492e32517f46a000f658262b DEC: 56299296354627793590291301012466760275352 0412203
Base64: -----BEGIN CERTIFICATE----- MIIGPzCCBCegAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJiswDQYJKoZIhvcNAQEN BQAwgYoxCzAJBgNVBAYTAkRFRMRAwDgYDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApT SUD0OCBHbWJIMRQwEgYDVQRhDAtERTM0OTk3Nzg4MjEeMBwGA1UECwwVU0lHTjgg R21iSCBST09UIENBIDAxMR4wHAYDVQQDDDBVTsUD0OCBHbWJIIIFJPT1QgQ0EgMDEw HhcNMjQwNzAyMTU1MTE4WhcNMzkwNjI5MTU1MTE4WjB9MQswCQYDVQQGEwJERTET MBEGA1UECgwKU0lHTjggR21iSDEXMBUGA1UECwwOVHJlc3QgU2Vydm1jZXMxITAf BgNVBGEMGE5UUKRFLURFRDI2MDFWLkhSQjI3MTU3MzEdMBsGA1UEAwwU0lHTjgg UUVTFiFNFQWwgQ0EgMDMwggiMA0GCSqGSIsb3DQEBAQUAA4ICDwAwggIKAoICAQDN zbVJ0obUxgjcYc6QD1Bs1Y3nbPvG4dX//g9KmZ/KWf98SpgBZ28r0Unbhsqhqla heAEMPJK6xVUZAgd5qz1PFj1vetQuwPfRCTSxRGwWMh9mldgR8CQ7l6HOhoe+rn bSLw7GiDk55hCTPXqPCmnK7GUXXDvubyXIjhjepHFuZ12x8s6cLTxLMCfsATcnHCC S6V2oA6UGEg+BfDwNhXyD2gG/j6IyKgAAQtzANGPbkqAN6JrDEYhU5hOxt11s2O2 GHQpG2JqW8FIEdtKQNN2a2zv1L5Z3DFpQJN0xt7WiqcQmaBZqrir5KlMRo2oFiB8 LewCYSSkIcEjpig82sBA3qvJNxBcc0bUYgSwW8MCZOeOONHYpCxU0dfb6RlKSKz RKqektaa8iIVAsic6HGJ2He/QJFhsc1GMiCyQB1Bdvn7uqjLyjO5N4fU8d9gvtb R//3R05984XtcIX63Ga+bLZ1EfHWiCE/yWYvfBxzmBKvg1rvJGsqthbFm9eI+DCm kZbwhKKF+ySAEys8vUonBStZSIzncJ4hsONxf65cirXklveQPpPGq823n9dG12BO	

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DgQWBBT3MF3Vnuo39C4sCHH5sryHT1lqejaFbgNVHSMEGDAWgBRj8HsMC7cnQeiH
cVF27j1i4P2d1DASBgNVHRMBAf8ECDAGAQH/AgEAMA4GA1UdDwEB/wQEAwIBhJA/
BgNVHSAEODA2MDQGCysGAQQBg8ZVAQQAMCUwIwYIKwYBBQUHAqEWF2h0dHBzOi8v
c2lnbjguZXUvdHJlc3QvMA0GCSqGSIb3DQEBAQUAA4ICAQCyyt76fPBoqG1tmZW
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8GxCwVxCDQ5/qAZcNIpGoCWac7bbdpt5LsEbDU/JbZLDSpVIOuZIE2N6oB8sk2rB
rxMwIBn6gORRjC0NIffPvmXfRz9ySeSUNwQn1QGBSxBmI4AKv+JDwOX810t93aCOu
qB4eNfHLipoODAZTGw3u4HB1nRlPtBT0oNHd/yfMUNITudpUnG7fAUDNJHupbxi
bPnka7q04x+5Kwzm5tJrPfHsjDQj4R4jnpPy3iaayfjocYpQD/KUwQA0jAG3AX3Qj
d4QylzuLKAt56Aq5EVsF5/WTwU3UCqFpNXxGMfkiD1Jv3qgoIVpdxqxIXnjMPqf
WnstVks98Nq/AbeHdphRhYLCrA=====END CERTIFICATE----
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Table 9: „SIGN8 PKI QSEAL RSA 2nd GEN CA 03“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 422467883975123211270282792050212362449922876181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc

Trust service certificates (SIGN8 QES SEAL CA 04)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SEAL CA 04 TSL-registered	HEX: 629d7a4480dcd113492e32517f46a000f658262d DEC: 56299296354627793590291301012466760275352 0412205
Base64: -----BEGIN MIIGPzCCBCegAwIBAgIUYP16RIDc0RNJLjJRf0agAPZYJi0wDQYJKoZIhvcNAQEN BQAwYXoxCzAJBgNVBAYTAkRFRmRAwDgYDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApT SUdOCBhbWJIMRQwEgYDVQRhDATERTM0OTk3Nzg4MjEeMBwGA1UECwwVU0lHTjgg R21iSCBST09UIENBIDAxMR4wHAYDVQQDDbVTSUdOCBhbWJIIIFJPT1QgQ0EgMDEw HhcNMjQwNzAyMTU1MzQ4WhcNMzkwNjI5MTU1MzQ4WjB9MQswCQYDVQQGEwJERTET MBEGA1UECgwKU0lHTjggR21iSDEXMBUGA1UECwwOVHJlc3QgU2VydmljZXMxITAf BgNVBGEtGE5UUKRFLURFDI2MDFWLkhSQjI3MTU3MzEdMBsGA1UEAwwU0lHTjgg UUVUUFNFQWwQ0EgMDQwggIiMA0GCSqGSIb3DQEBAQUAA4ICDwAwggIKAoICAQCp b2aeDwZSCjTKNB9NUBhRIsDwO+OcLIhmgf1Ya9/tHogBeu6d8oCYapISAeRNyxIT EzZZwBr6BJL14Yu2ct49fmUcEnRx5h2qHyE2V8Tw0x49EoCeYAGvfLPlogZdFmE7 7P3cl4oBBYv5qJLXLvij0W0DiKff2tJ25YJTspjiNjvLm796z7+Peza3hGKFrYxe 9RUTsd328hNdo6mBnGjFNT5GuKcyl8fpUixmsLcCgwEJlS868kInyqctupGHRfgS cgvgejiGQfa9MxYR0xZl5mXERTIgiwQA6TYhKk2M894vjmS83GsdKHn6clDixxMJ NL3kX93Edu7EmhqSqv5MDRJo7qXBBRomf3aq4uLVfk8KJdQLQwfl/1ShrgEyMl v6deNGpAlGwCpb7zprWVhveCEu/M1ve7R+vo0IdvHd4ng0JMcnpVKZd/JLSifFj KC3ygmzHh9beyv+iRHvW4NrWBQ1dK449YEGoEYVlMAJZMFHZW5soJ7U3LkuPI/I VPgzKg7sB/RM1GaQFFqKRz4n0TnI/1EPtgaIigSsbMjrwbpTr00G6jzxkqs33lw0 KkiOwBHLQtz13LCUauOJQCJeY8L54cW69BIudxTeWOZLYhj/d8QdoU4ycewi5J9i C5ehYdl7948mH+34gxHI9SJd+JlL5tmskFgIchLFIwIDAQABo4GoMIGlMB0GA1Ud DgQWBbTP1mZztPLxNhlMkZ2X9kfp+YuZjzAfBgNVHSMEGDAwBRj8HsMC7cnQeiH cVF27j1i4P2d1DASBgNVHRMBAf8ECDAGAQH/AgEAMA4GA1UdDwEB/wQEAwIBhJA/ BgNVHSAEODA2MDQGCysGAQQBg8ZVAQQAMCUwIwYIKwYBBQUHAQEFW2h0dHBzOi8v c2lnbjguZXUvdHJlc3QvMA0GCSqGSIb3DQEBAQUAA4ICAQAq2i59Di7V0CkIe3HG uBwHjrWYYOLGjs6lWTr/uAUy2r3H8kaEA76jxpZ3gS0FgzBDdehdGK2VI57+mALT mQv6splERKwvFboJZBQfUG6Ei+eiJV84/tqWeGJtrZq7Nusm+/x7RivpwVi+4nsl a7G2vLl+OPb9w3WUZdfxIf5J+N4NwEw66zCLfM2xcKo+1V+cUNrJqalvKh/zZYWB 45mTeyMEPl85IOBPozNTi2vgLXkbrzDv57SLX7lSg0ss4nTO2fo1KUFitzv1cThT /2sUTMWQ+G0zk/mGLVNbzHUFs/1bd6dYNIg5+Q7OIeS9wrltjYxVYlJh8LHFq7Cl eHePgqEG/mM1q/q6iWTyL+UOopJu8IAZ+rLKJlKsUV96ZktZH6uduJIoQ2398t12 jHknQQ39zwIrOZY4YqWAp4RDhOMQx24B6cJSe014kTRAQscXMXVUhk+0LSQEEQ+Y	

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r3EtPHtb/PyAGtpnJl/mKY7JpviYhGNyMlfLlrN0/c4mY0PHRLoKfDnIZOdWJsL6
nQ0why9nFFMgMoUx7zCuH2FmnF51a153b2BoWaTa/XI6AbgqEckP258EdeXI6Loe
4Sq d7ACbjXtOEohpGpTTiRKsLXyCDbELCQXcpa0Qv3HsAeTR8Tib5kN3wQd94jah
dqpXOYDql4j6OYODzou9dxC8dQ=====END CERTIFICATE-----

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Table 10: „SIGN8 PKI QSEAL ECC 2nd GEN CA 04“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificates (SIGN8 QES SIGNATURE CA 03) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SIGNATURE CA 03 TSL-registered	HEX: 629d7a4480dcd113492e32517f46a000f658262a DEC: 56299296354627793590291301012466760275352 0412202
Base64:	

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-----BEGIN                                     CERTIFICATE-----
MIIGRTCCBC2gAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJiowDQYJKoZIhvcNAQEN
BQAwYoxCzAJBgNVBAYTAkRFRMRAwDgYDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApT
SudOOCBHBWJIMRQwEgYDVQRhDAERTM0OTk3Nzg4MjEeMBwGA1UECwwVU0lHTjgg
R21iSCBST09UIENBIDAxMR4wHAYDVQQDDDBVTSUdOOCBHBWJIIIFJPT1QgQ0EgMDEw
HhcNMjQwNzAyMTU0OTU1WhcNMzkwNjI5MTU0OTU1WjCBggELMAkGA1UEBhMCREUx
EzARBgNVBAoMClNJR044IEdtYkgxZzAVBgNVBASMDlRydXN0IFNlcnZpY2VzMSEw
HwYDVQRhDBH0VJERS1ERUQyNjAxVi5IUkIyNzE1NzIxAgBgNVBAMMGVNR044
IFFFUyBTSUdOQVRVUkUgQ0EgMDMwggiMA0GCSqGSIb3DQEBAQUAA4ICDwAwggIK
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18zHm/ZF0+ubaY9yvW9Fm0Jxn5hSLOjWnrnjX30i/oky4ilzXiWvK1ewsbhef+aB
1/cR7pCzPc5sIFCIWjTre1LyQgN4m36Ysky53CkgwGQUfOS044SyPZU4HeAV9nbX
A26BqELfKudkIFs9GQK8eNdYtI9uU0lWWwGb+g2AOB0fEc02IgYrEf993k4BWgrU
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3DJZZQEbfzrSQNOpdJx73NnbmECBjYQqbAZFELqUoAmrPCwsBv1jbN7bvwBeX3hX
dsUUtvyM/d5GS60bTJzrI+urXQ7YcVASB8fDV1YbDzlRhcx4GsvhyeZVktayNIIm
7FjcxYo8hnXh4R2jbbiErDhdtAOnQmarkFS2e+VGfOj8pfBUd/kFbiDruxkm7UXk
Mb78EkHTMxRtyPSg2iMSaJpELdv99mPJpuDvBYHvLK4XY0qTiMnoOhRZNJu0XBF
1SPjo4of5P7YfHb2f0tX61k9Yb6NT6G1v1K4dhGWPEwd4nxOuWIDAQABO4GoMIG1
MB0GA1UdDgQWBBS1What5xGmJNyzWtff6muX/Br40jAFBgNVHSMEGDAWgBRj8HsM
C7cnQeiHcVF27j1i4P2d1DASBgNVHRMBAf8ECDAGAQH/AgEAMA4GA1UdDwEB/wQE
AwIBhJA/BgNVHSAEODA2MDQGCysGAQQBg8ZVAQQAMCUwIwYIKwYBBQUHAgEWF2h0
dHBzOi8vc2lnbjguZXUvdHJlc3QvMA0GCSqGSIb3DQEBAQUAA4ICAQBfVr6voPAQ
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DlSrSzL5PwIXfQNN52w71c3sQXVAx1YgqmA/QfShbBA1xVTm6g4skDWF1Y5GoITq
OjYxfPBFuIOPVx77040yPWDmlqPP0C/1XaQaVxa+9BtlnxgDrNEJ3oIg8hDH4sY3
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XYKAXCC14ZlqX+i/ZmA1w/FgCd0hedQ1W9DmmzxaCXYP9H2igsxRxs23mKRMZ0+M
oxVIUQVLW43soFcpH6YZdtP03nkdKUIADQ=====END CERTIFICATE=====

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Table 11: „SIGN8 PKI QES RSA 2nd GEN CA 03“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service

Root certificate (root CA)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificates (SIGN8 QES SIGNATURE CA 04)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SIGNATURE CA 04 TSL-registered	HEX: 629d7a4480dcd113492e32517f46a000f658262c DEC: 56299296354627793590291301012466760275352 0412204
Base64: -----BEGIN CERTIFICATE----- MIIGRTCCBC2gAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJiwwDQYJKoZIhvcNAQEN BQAwgYoxCzAJBgNVBAYTAkRFRMRAdG9YDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApT SUD0OCBHbWJIMRQwEgYDVQRhDAERTM0OTk3Nzg4MjEeMBwGA1UECwwVU01HTjgg R21iSCBST09UIENBIDAxMR4wHAYDVQQDDDBVTSUD0OCBHbWJIIFFJPT1QgQ0EgMDEw HhcNMjQwNzAyMTU1MjI1WhcNMzkwNjI5MTU1MjI1WjCBggELMAkGA1UEBhMCREUx EzARBgNVBAoMClNJR044IEdtYkgxZzAVBgNVBASMDlRydXN0IFNlcnZpY2VzMSEw HwYDVQRhDBhOVFJERS1ERUQyNjAxVi5IUkIyNzE1NzIxMjI1WjCBggELMAkGA1UEBhMCREUx IFFFUyBTSUD0QVRVUkUgQ0EgMDQwggIiMA0GCSqGSIb3DQEBAQUAA4ICDwAwggIK AoICAQDCkullxHm8gh52gM/uKD5xGRSjYl7C7AsFSFAyQF04TrfHtetBpne/9Kij I2Pf2x23zNxxvGEgP8ScffYr122IVQROhxC7yM1l31TK1QhJkr/SWqfYWwQQvSVvb Te7+jVhppsYgPaz+YwZP1zcjNGbSStZTH0XnOlefDgquBuk4CkJOOrK7CUMuZszSE tVDDjDzixLI03Kh8kDtoYUWIsAQcsKntaxXeN1TBOU18BYbqe69109/eDgveDT1 bo93vE/zx2DrkCLXCyCeLLvK0EXfEm70tYLIwrN9RREseZlB+1OMJ8tZAfRvJOJD	

G2zdERUynMLMq52JL7iMm1ZV48zCi3bFXkNqTFRRRZqkkWgnUt+5Ly2+KgQLojmN
wGYC20UOR/8WPZH8gfJqoKCK4e8Fet0c1AVnlc9+fUBIA3SGI1SpGobg8EEALJFX
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8805aVbkGLAIDDqIrIo4jDuPYcIxLVjd0wFpE1C9Muba9P1la+5elzi7Ioa+PAk6
fsR2eiK7l9eVyf84rD/jAcgs5OKBy7mlPI2GYj0wXIb46bsSRTRo60vKqhj23YvS
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MB0GA1UdDgQWBBSExkPy7eHlQMADjSPpegEUyj+k/jAfBgNVHSMEGDAWgBRj8HsM
C7cnQeiHcVF27jli4P2d1DASBgNVHRMBAf8ECDAGAQH/AgEAMA4GA1UdDwEB/wQE
AwIBhJA/BgNVHSAEODAM2DQGCysGAQQBg8ZVAQQAAMCUwIwYIKwYBBQUHAgEWF2h0
dHBZOi8vc2lnbWVudHJ1c3QvMA0GCSqGSIb3DQEBAQUAA4ICAQA75me7sUy9
X7NdMaUpfNHRME3jWldli7w51MTx+pJigJQJvgF7RVfRxuhUMwaX/9Aq0JyaNe/w
95HpUq0GZQYzVqlnbqAi1d0JO5/WK01YsTKKSe3BIaY+iZ7YMLfseYdRYACjzafT
G09ceOlhqaOVVKyE2+qZjWJsaaTEuAN26DKCzgP+aSetK4eP1+TR4QJ2Zen/o2UU
3N0HlCoWG8i89xjA9X7+nBFhnNOOUOJxOChWuX6q89DeDqvUqta5gFz5aAAOmd8X
BI9lgIdMz1D4jiN5WUosJKz4zjxzoX91AYTf5LnrDxHgPpR8Y7o4M+9OM6alX/sx
MEIIfZihMKaJd/AvUt8pj2kwzLb6BBxm6bWhtFOLZwurd3dqS+PdJXs59VPzI921
04iXavk4z7ATvaJmtPJ6go0c+m7eM7+HQcBzrKzmEi+XzcHlo8jvF4gUh5iyo9D2
GSve24BZ84Z1fQ4NZtF7wXV4RutksN5K2Mx0qRl3+L4oFgEUJ8c4yLDjOcezf3vY
gi2K9Y9IA7vB9r4M+260trAYVC21ZI3Q9cYoMtf9iuEqzalXJTXysdIycU+5Uhju
2urgxy7uQdITXl/v9peYe6r6t+to/Wg4lieC5gJb1JeOrXckoAdI5sVnoUFW0ZTb
m6/abMlm6V2SC64s92AvXIEGp3axmTzfkQ=====END CERTIFICATE=====

Table 12: „SIGN8 PKI QES ECC 2nd GEN CA 04“: Certificates for the trust service /CA/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181

	SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Seal-CA-03)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SEAL CA 03 <i>TSL-registered</i>	HEX: 629d7a4480dcd113492e32517f46a000f658262b DEC: 56299296354627793590291301012466760275352 0412203
Base64: see Table 9 above.	
Trust service certificate (OCSP-Service-Certificate)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGN8 QES SEAL CA 03	HEX: 1961667763599211954 DEC: 7490992482890087995732

Table 13: „SIGN8 PKI QSEAL RSA 2nd GEN CA03“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX:

	4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Seal-CA-04) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SEAL CA 04 <i>TSL-registered</i>	HEX: 629d7a4480dcd113492e32517f46a000f658262d DEC: 56299296354627793590291301012466760275352 0412205
Base64: see Table 10 above.	
Trust service certificate (OCSP-Service-Certificate) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGN8 QES SEAL CA 04	HEX: 8319735000539505345 DEC: 38693717937464858923845

Table 14: „SIGN8 PKI QSEAL ECC 2nd GEN CA 04“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	

certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Signing-CA-03) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SIGNATURE CA 03 <i>TSL-registered</i>	HEX: 629d7a4480dcd113492e32517f46a000f658262a DEC: 56299296354627793590291301012466760275352 0412202
Base64: see Table 11 above.	
Trust service certificate (OCSP-Service-Certificate) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGN8 QES SIGNATURE CA 03	HEX: 7659344924282547787 DEC: 34930298298968525010823

Table 15: „SIGN8 PKI QES RSA 2nd GEN CA03“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
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Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (QES-Signing-CA-04) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 QES SIGNATURE CA 04 TSL-registered	HEX: 629d7a4480dcd113492e32517f46a000f658262c DEC: 56299296354627793590291301012466760275352 0412204
Base64: see Table 12 above.	
Trust service certificate (OSCP-Service-Certificate) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGN8 QES SIGNATURE CA 04	HEX: 5097138752997226646 DEC: 23786011510558083409478

Table 16: „SIGN8 PKI QES ECC 2nd GEN CA 04“: Certificates for the trust service /Certstatus/OCSP/QC

PKI 2nd Generation [CA 01 and CA 02 for QTST]:

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificates (SIGN8 TIMESTAMP CA 01) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 TIMESTAMP CA 01 TSL-registered	HEX: 629d7a4480dcd113492e32517f46a000f6582628 DEC: 56299296354627793590291301012466760275352 0412200
Base64: -----BEGIN CERTIFICATE----- MIIGWDCBECgAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJigwDQYJKoZIhvcNAQEN BQAwgYoxCzAJBgNVBAYTAkRFRmRAwDgYDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApT SudOOBHBWJIMRQwEgYDVQRhDatERTM0OTk3Nzg4MjEeMBwGA1UECwwVU01HTjgg R21iSCBST09UIENBIDAxMR4wHAYDVQQDDDBVTSUdOOBHBWJIIIFJPT1QgQ0EgMDEw HhcNMjQwNzAyMTU0NTQ1WhcNMzkwNjI5MTU0NTQ1WjB+MQswCQYDVQQGEwJERTET	

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MBEGA1UECgwKU01HTjggR21iSDEXMBUGA1UECwwOVHJ1c3QgU2VydmljZXMxITAf
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VElnRVNUQU1QIENBIDAxMIICIjANBgkqhkiG9w0BAQEFAAOCAg8AMIICCgKCAgEA
tdBA/GLnPRMcKcnwCt8qKai5iitNZ8gjQuXgmPAauDyYAwmqLppwBObPO7ookPzj
yhdHCJXdBszzddK95YtvxedXYrVidBjVM/OzteJz9WbLry7kvZl8QPpJ5AZY1An0a
fdg1kvt1DoC75s6T+wKXvjJgCgNTULUFDJdS+rHb6rkCt9E681uluzBkmu0bVKIM
nseBqRulEvzZfzOilYAg4GracO2fpaoxeRTK/QZzYcNiHPBTm3ireJi6iPDPLqx4
nio3CAWqlMmzHsJhOxjtfSuOhW2Hx89PYy9r3PcZQpx1xp3geqb68j0kVezGi7YV
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gR9isKeNIOVVtStigGwLhLnnx30xZi3GQrjNEgTRLajBjGRxKYm7tth7zL0N/80+
tTQqvneCJwDauAZcBxyHfON4P6DWU2Mm3UZ79dh5ckkCva+p4/7duCMvv4EgI1ZN
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wXoDgblVif8uGYwVOcHpvJjX4TDfS2dIdnk8sq2BdIF2iab78oFU39ftTaeFxxBe
ULhbJfzKjI2BTB7hPMPyikEYkcGgqxEEZ9soFRzvSwcCAwEAAaOBwDCBvTAdBgNV
HQ4EFgQUqozjt4znpTJZRLtKjMrQ14Uz0/0wHwYDVR0jBBgwFoAUY/B7DAu3J0Ho
h3FRdu49YuD9nZQwEgYDVR0TAQH/BAgwBgEB/wIBADAOBgNVHQ8BAf8EBAMCAYYw
FgYDVR01AQH/BAwwCgYIKwYBBQUHAWgwPwYDVR0gBDGwNjA0BgsrBgEEAYPGVQEE
ADALMCMGCCsGAQUFBwIBFhdodHRwcZovL3NpZ244LmVlL3RydXN0LzANBgkqhkiG
9w0BAQ0FAAOCAgEATu85ca5takVxNpdYBO4CWqsil8gEme5A4B59JLdYlybWTTKA
zm/FwAzyEgk94PA51bDiXD4r6U3V/Sa5324QTh0P5WF2WR8ifTe/BLFawPbB7Klg
F/YCW3X72wdS+Cbn4ABOhGhFyGnf/WCcFtnWcD/nV8LVWL6gMwI3TmtrG6HcLUx
jOLFSDZHYvrqEeQ/25aKNPn6oHI1r7Zwjuyoq2uYiV7X92fIVjs0mB7ig5tb6CsN
+hMqpeMf1hAuic9Q8QUUSayZ0DBpxfHGaynnlpIzXK8jbVqYvAt7Fpko3l9/znsF
j8XHx+GF2as7Jt++KUDlTiGYDv6WOMMFFq6njUZS+8fWU/eewxlt3hMlfCQxtgGB
Kt+wxJR5alUWKb0aOMCka8taEK7mbYwOjT7imkhOMvXq7gG/dbEoO/Z1VXhz8ur0
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+W0sleKYNexm8Z4Sx2E6QOchPQsdK7eunvQzU8kYzFeCOjvxbcBUaTVnu7hSAtJ
qUbeR8PacCJWS4sJUZOsvTJ01oG45s0LwowKk1xsDln9gTAhFveYxA6x1kplPJer
1J7dO5MfRNkyKBqPmAHuith1ISDPR0UG8TLCWP2eTSzX+k4keO2FXpcUwCQ=-----END CERTIFICATE---
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Table 17: „SIGN8 PKI TIMESTAMP 2nd GEN CA 01“: Certificates for the trust service /TSA/QTST

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)

	SHA1 Fingerprint
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificates (SIGN8 TIMESTAMP CA 02) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 TIMESTAMP CA 02 TSL-registered	HEX: 629d7a4480dcd113492e32517f46a000f6582629 DEC: 56299296354627793590291301012466760275352 0412201
Base64: -----BEGIN CERTIFICATE----- MIIGWDCCBECgAwIBAgIUyp16RIDc0RNJLjJRf0agAPZYJikwDQYJKoZIhvcNAQEN BQAwYoxCzAJBgnVBAYTAkRFMRAdGyYDVQQIDAdCYXZhcmlhMRMwEQYDVQQKDApT SUDoOCBHBWJIMRQwEgYDVQRhDAERTM0OTk3Nzg4MjEeMBwGA1UECwwVU0lHTjgg R21iSCBST09UIENBIDAxMR4wHAYDVQQDBVTSUDoOCBHBWJIIIFJPT1QgQ0EgMDEw HhcNMjQwNzAyMTU0ODIxWhcNMzkwNjI5MTU0ODIxWjB+MQswCQYDVQQGEwJERTET MBEGA1UECgwKU0lHTjggR21iSDEXMBUGA1UECwwOVHJlc3QgU2VydmljZXMxITAf BgNVBGEEMGE5UUKRFLURFRDI2MDFWLkhSQjI3MTU3MzEeMBwGA1UEAwwVU0lHTjgg VE1NRVNUQU1QIENBIDAYMIICIjANBgkqhkiG9w0BAQEFAAOCAg8AMIICGKCAgEA q+Vu3pVdikGPPsT0qO7YZruajt84XSxrB3C/L3zPeBcLZT+10ovj9HADoaVP1ACG RQH9ur4/QzYNtFkvx18xAPUYMOr4ByHbT+czBzySCyvrKkQ0fhJ/X+9+reB7Vg+o uMAONqQcUsc8zELOP9xGvg37JN6O1LoyfYu+KRZFBTJ8uTGB4Lu/42Np9CHF/K4b t+HnGY8hqcsRvCBWnHZdecIGLgDLPJT0qu3sJbJ2H3r1U8shYQiwSvdfz/CcVin5 BO9jOkKKpv4XWy+s71tgXJqAhK5tUnJnUsfXmwDO00aEcD3dD0RbFBkDyvwtx6s6 1WffwDvDm9iOtCpIgeiFz9ev5R/gROqScMqfqkRCarbiNBQmbWpVAJsxh9f/1LOK WVVFvFsStKJaC6z7O3By3OU/wjQAtZJZo+0Jza8VqpEPKwSk4D6AWUYEmtk6cTVR Y0qXtIfB2m+VbVdpMFhaXVGnWQCXAEdCdxAMhn+Q/IM7XpW/6jiN15c8fc0chcf5 LBc0FJReVXBh9jLEJA3aW2kLpyoovH9Ym1pk1ldB2c4i700/VGvKy7D6SWQZwp40 X2nVOp0LrQtK5Jk4JoyRL2+o0TYLVRPHuuVqs2Draj+eFws4z5UwbbTb5ia3Gs77 dm8wiK8qvnzmdPdimEDxK4k3tYubdNZWCrvFgq0us90CAwEAaOBwDCBvTAdBgNV	

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HQ4EFgQUMwbFLIbogCeXSDwqiRv0l+5kaWYwHwYDVR0jBBgwFoAUY/B7DAu3J0Ho
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FgYDVR0lAQH/BAwwCgYIKwYBBQUHAWgwPwYDVR0gBDGwNjA0BgSrBgEEAYPGVQEE
ADAlMCMGCCsGAQUFBwIBFhdodHRwcZovL3NpZ244LmV1L3RydXN0LzANBgkqhkiG
9w0BAQ0FAAOCAGeAX80lR7mXoTCqDy/YEzPivLN0uDdK4dP+QHqB/0cKqGFMD14J
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u7R3zUumwmGLuMrPn/xDw3UQ1yiNzkl2IS0eipvwf6AA2k9Z3acvUp16lgtzMQwz
OzjkH342ptcsbHgAbntBoLQ64IwSv3Q1qqg9DknFZ5I9nSFNxCPr1aKrjAR5RPa
FFBKazFlVtvcby7sJDUR57GH3TGy53StH6DqkRaI/Hsd/fiblcXAU3g4xblik9b
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XWycNmTwTGPfXEkY0g5Xk1ZQE3I4iILbd0A2LpL99kooke3HlrCg6psXd6NoN6Hy
oWwyIKR8H3uZZqHjBamje7qzPXXMFTEQSKBCYtuNUzQRvG+83VFCyeKiJN8VelqG
gjT9ZKJvka4RPYG9gJejPctLCexMktZzvD23EN2NfyLK7haIu0vy+Ajg6mbKCF7G
jNhmJwGEbeQzJ5qZreYrD7s3liLR3dc/WHjDNjBvqojzul kib4ZKzbt0wWptQ9G
vTky523OfLrQVD0ly9SKpCzXmCGIJWaqktCNMIhg9cdzTfof14BTatkCxSM-----END CERTIFICATE---
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Table 18: „SIGN8 PKI TIMESTAMP 2nd GEN CA 02“: Certificates for the trust service /TSA/QTST

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA) /C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181 SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (SIGN8 TIMESTAMP CA 01)	

/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 TIMESTAMP CA 01 <i>TSL-registered</i>	HEX: 629d7a4480dcd113492e32517f46a000f6582628 DEC: 56299296354627793590291301012466760275352 0412200
Base64: see Table 13 above.	
Trust service certificate (OSCP-Service-Certificate)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGN8 TIMESTAMP CA 01	HEX: 8214056219084599558 DEC: 38392310347160580887896

Table 19: „SIGN8 PKI TIMESTAMP RSA 2nd GEN CA01“: Certificates for the trust service /Certstatus/OCSP/QC

Service type identifier according to ETSI TS 119 612 V2.1.1, sec. 5.5.1:	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC
Service name:	SIGN8 certification service
Root certificate (root CA)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec) SHA1 Fingerprint (hex)
CN=SIGN8 GmbH ROOT CA 01	HEX: 4a001d778aa039bb1eb44456d0de6b1621d0e315 DEC: 42246788397512321127028279205021236244992287 6181

	SHA1: 2d3fb00cc3f2e9361368938d60cb14a682518cfc
Trust service certificate (SIGN8 TIMESTAMP CA 02)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=SIGN8 TIMESTAMP CA 02 <i>TSL-registered</i>	HEX: 629d7a4480dcd113492e32517f46a000f6582629 DEC: 56299296354627793590291301012466760275352 0412201
Base64: see Table 14 above.	
Trust service certificate (OCSP-Service-Certificate)	
/C=DE /O=SIGN8 GmbH/	
certificate name (CN)	Serial number (SN, hex, dec)
CN=OCSP SIGN8 TIMESTAMP CA 02	HEX: 6631421261442856778 DEC: 30161877042938564142968

Table 20: „SIGN8 PKI TIMESTAMP ECC 2nd GEN CA 02“: Certificates for the trust service /Certstatus/OCSP/QC

The TSP does not provide certificate revocation lists (CRLs). Therefore, there are no corresponding trust service certificates for the trust service /Certstatus/CRL/QC.

In implementing the qualified trust services, SIGN8 GmbH draws on the services of the following externally visible *delegated third parties*, whereby the TSP is liable for third parties which it has commissioned with tasks according to Regulation (EU) No. 910/2014 and according to the VDG³, as for its own actions, see §6 VDG:

- Identification of natural persons, whereby the latter can be either direct TSP's subscribers or the delegates of a legal person subscriber, see chap. 5 for details.

³ Gesetz zur Durchführung der Verordnung (EU) Nr. 910/2014 des Europäischen Parlaments und des Rates vom 23. Juli 2014 über elektronische Identifizierung und Vertrauensdienste für elektronische Transaktionen im Binnenmarkt und zur Aufhebung der Richtlinie 1999/93/EG (BGBl. I S. 2745, Stand: 18.07.2017)

A detailed information about the identification procedures and other customer related questions can be directly requested from the TSP.

3. Certification Programme/Scheme

The current conformity assessment procedure has been performed in accordance with the Certification Program 031 'eIDAS TSP' (accredited area) of the Certification Body of Deutsche Telekom Security GmbH (certification program 031).

The Certification Body of Telekom Security is a conformity assessment body as provided by Article 3 paragraph 18 of eIDAS. The Certification Body of T-Systems is accredited by the German Accreditation Authority (DAkkS; <http://www.dakks.de/en>, member of EA) for performing conformity assessment (audit) according to eIDAS requirements and according to ETSI EN 319 4xx/5xx; accreditation ID: D-ZE-21631-01-00 (former D-ZE-12025-01-00).

4. Assessment of the TSP's Qualified Operation

The current basic documents of the trust service provider "SIGN8 GmbH" - version 1.4 as of 10.09.2024 of the Service Provision Practice Statement (not publicly available) and version 1.4 as of 10.09.2024 of the Certificate Practice Statement (publicly available) - are suitable for the operations of a qualified trust service provider as defined by eIDAS Regulation.

The current basic documents of the trust service provider "SIGN8 GmbH" are implemented accordingly in practice.

The trust service provider „SIGN8 GmbH“ operates the following trust services in compliance with the relevant requirements of the current version of eIDAS Regulation:

Description of the trust service	'qualified trust service type' according to ETSI TS 119 612 V2.1.1, sec. 5.5.1
creating qualified certificates for electronic signatures	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC URI: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/OCSP/QC
creating qualified certificates for electronic seals	URI: http://uri.etsi.org/TrstSvc/Svctype/CA/QC URI: http://uri.etsi.org/TrstSvc/Svctype/Certstatus/OCSP/QC

Description of the trust service	'qualified trust service type' according to ETSI TS 119 612 V2.1.1, sec. 5.5.1
creating qualified electronic timestamp	URI: http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST

Description of the trust service	'qualified trust service type' according to ETSI TS 119 612 V2.2.1, sec. 5.5.1 ETSI TS 119 612 V2.2.1 is NOT covered by the IMPLEMENTING DECISION (EU) 2015/1505 (Trusted Lists)
qualified remote qSCD management supports generation and management of signature/seal creation data within qSCD(s) on behalf and under control of remote signers or seal creators	URI: http://uri.etsi.org/TrstSvc/Svctype/RemoteQSCDManagement/Q

Table 21: Trust services provided in compliance with eIDAS Regulation

These determinations also apply to the fulfilment of applicable requirements of the VDG and VDV⁴.

5. Integrated Modules

For implementing the trust services in scope, the TSP uses the following already eIDAS-confirmed qualified services provided by module operators as delegated third parties, whereby single certified and not certified operational options of the modules are exactly stated in each related Conformity Certificates for the modules.

A single module can be used by the TSP as *exclusive* or *non-exclusive* service provided by the respective delegated third party (called 'module provider').

In case of the *exclusive* service by a module, the TSP shall use the module for the provision of the qualified trust services listed in chap. 4, Table 21 above. Therefore,

⁴ Vertrauensdiensteverordnung vom 15. Februar 2019 (BGBl. I S. 114; Stand: 15.02.2019)

the present Conformity Certificate covers the operation of the qualified trust services listed in chap. 4, Table 21 above solely using the respective modules.

In case of the *non-exclusive* service by a module, the TSP may operatively decide on the usage or non-usage of the module in the qualified TSP operation. Hence, the present Conformity Certificate for the TSP covers the TSP operation with this service as well as without it.

The table below represents a snapshot at the time of issuance of the present Conformity Certificate. Precise information on the modules of the *non-exclusive* services that are integrated by the TSP at a given time can be obtained from the TSP.

modul name	modul service	modul provider	address	Conformity Certificate acc. to eIDAS		exclusive or non-exclusive service by the module
				ID	valid until	
Verimi Identitätsfeststellungsdienst	identification of <i>natural</i> persons <i>Service name:</i> "Verimi identity verification service"⁵ <i>Service options names:</i> - AusweisIDent Online. i) in compliance with eIDAS Art. 24.1a (c) ii) confirmed assurance level: '<i>substantial</i>' acc. to Commission Implementing Regulation (EU) 2015/1502: <i>not applicable</i>	Verimi GmbH	Oranienstraße 91, 10969 Berlin, Germany	TÜViT 97223.24	26.06.2026	<i>non-exclusive</i>

⁵ The original name in German: „Verimi Identitätsfeststellungsdienst“.

modul name	modul service	modul provider	address	Conformity Certificate acc. to eIDAS		exclusive or non-exclusive service by the module
				ID	valid until	
AusweisIDent Online	identification of <i>natural</i> persons <i>Service name:</i> "AusweisIDent Online" i) in compliance with eIDAS Art. 24.1a (c) ii) confirmed assurance level: '<i>substantial</i>' acc. to Commission Implementing Regulation (EU) 2015/1502: <i>not applicable</i>	D-Trust GmbH	Kommandantenstraße 15, 10969 Berlin, Germany	97203.23	26.01.2025	<i>non-exclusive</i>
Nect Ident	identification of <i>natural</i> persons i) in compliance with eIDAS Art. 24.1a (c) ii) confirmed assurance level: '<i>substantial</i>' acc. to Commission Implementing Regulation (EU) 2015/1502: <i>not applicable</i> iii) in compliance with VDG § 11 para. 3	Nect GmbH	Großer Burstah 21 20457 Hamburg, Germany	DSC.1269.07.2023	14.07.2025	<i>non-exclusive</i>

modul name	modul service	modul provider	address	Conformity Certificate acc. to eIDAS		exclusive or non-exclusive service by the module
				ID	valid until	
cidaas validator ID	identification of <i>natural</i> persons i) in compliance with eIDAS Art. 24.1a (c) ii) confirmed assurance level: ' <i>substantial</i> ' acc. to Commission Implementing Regulation (EU) 2015/1502: <i>not applicable</i> iii) in compliance with VDG § 11 para. 3	Widas ID GmbH	Maybachstraße 2 71299 Wimsheim, Germany	DSC.1350.10.2023	15.10.2025	<i>non-exclusive</i>
Unattended remote identity proofing with automated operation	identification of <i>natural</i> persons i) in compliance with eIDAS Art. 24.1a (c) ii) confirmed assurance level: ' <i>substantial</i> ' acc. to Commission Implementing Regulation (EU) 2015/1502: <i>not applicable</i> iii) in compliance with ETSI TS 119461	fidentity AG	Waldeggstrasse 30, CH-3097 Liebefeld, Switzerland	KPMG 215 / 2023	13.04.2025	<i>non-exclusive</i>

6. Summary and Notes

1. The current basic documents of the trust service provider "SIGN8 GmbH"
 - version 1.4 as of 10.09.2024 of the Service Provision Practice Statement (not publicly available), and
 - version 1.4 as of 10.09.2024 of the Certificate Practice Statement (publicly available)

are suitable for the operation of a qualified trust service provider as defined by eIDAS Regulation and is implemented accordingly in practice.

This determination also applies to the fulfilment of applicable requirements of the VDG and the VDV.

2. The trust service provider „SIGN8 GmbH“ operates the trust services listed in chap. 4, Table 21 above in compliance with the relevant requirements of the current version of eIDAS Regulation.
This determination also applies to the fulfilment of applicable requirements of the VDG and the VDV.

3. The present Conformity Certificate TelekomSecurity.031.0315.09.2024 covers the use of the integrated modules by the TSP in its qualified operation, only as long as these modules are validly confirmed (listed in full in chap. 5).
After the expiry of the period of validity of the conformity certificate of each of these modules, the TSP shall either present a new (supplementary) conformity certificate for an eIDAS compliant operation or discontinue the use of the no longer conformity certified module in the qualified operation.

4. The present Conformity Certificate TelekomSecurity.031.0315.09.2024 is valid for the basic documents listed in para. 1 above up to and including 29.09.2026.

This validity period (that is, the maximum possible duration of TSP operation in compliance with eIDAS Regulation) results from the specification of eIDAS Regulation, Article 20 (1).

The validity of the present Conformity Certificate can be extended or reduced if the basics upon which it was issued allow an extension or make a reduction necessary.

End of the Conformity Certificate

Conformity Certificate:
TelekomSecurity.031.0315-.09.2024

Issuer:	Deutsche Telekom Security GmbH
Head office:	Friedrich-Ebert-Allee 71-77, 53113 Bonn
Address of CB:	Bonner Talweg 100, 53113 Bonn
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Fax:	+49-(0)228-181-49990
Web:	www.telekom-zert.com https://www.telekom.de/security