
TIME-STAMPING AUTHORITY (TSA) DISCLOSURE STATEMENT

Effective Date: 25 May 2012
Version: 1.4

Important Notice about this Document

This document is the Time-Stamping Authority (QV-TSA) Disclosure Statement herein after referred to as the TSA Disclosure Statement. This document does not substitute or replace the QuoVadis Time-Stamp Policy/Practice Statement (QV-TSP/PS) or the QuoVadis Certificate Policy/Certification Practice Statement (CP/CPS). You must read the QV-TSP/PS and the CP/CPS at <http://www.quovadisglobal.com/repository> before you apply for the QuoVadis Time-Stamping Service.

The purpose of this document is to provide a set of statements about the policies and procedures of the TSA that require particular emphasis or disclosure to subscribers and relying parties. This document is not intended to create contractual relationships between QuoVadis Limited ("QuoVadis" or "QV") and any other person. Any person seeking to rely on Certificates or participate within the QuoVadis PKI must do so pursuant to definitive contractual

1. ENTIRE AGREEMENT

This TSA Disclosure Statement provides high level disclosures regarding the QuoVadis Time-stamp Authority (QV-TSA). It does not replace or override the definitive QuoVadis policy and practice documents which are available at <http://www.quovadisglobal.com/repository>.

2. TSA CONTACT INFO

The QV-TSA is operated by QuoVadis Limited.

Bermuda and Group

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3. TIME-STAMP TOKEN TYPES AND USAGE

The QV-TSA aims to deliver time-stamping services used in support of qualified electronic signatures (i.e., in accordance with article 5.1 of the Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures). However, QuoVadis time-stamps may be equally applied to any application requiring proof that a datum existed before a particular time. Supported signing algorithms are sha1WithRSAEncryption (2048 bit key length) and sha256WithRSAEncryption (2048 bit key length).

Acceptable Time Stamp Request Hashes include SHA-1, SHA-256, SHA-384 and SHA-512. The QuoVadis digital signature on the Time-Stamp Token (TST) has a validity period of ten years. Refer to section 6 below for information on how to verify a TST. Use of the QuoVadis TSA may be limited to Certificate Holders of a valid QuoVadis digital certificate. QuoVadis may charge fees for the services provided by the QuoVadis TSA.

4. RELIANCE LIMITS

QuoVadis does not set reliance limits for timestamp services, however reliance limits may be set by applicable law or by agreement. See Limitation of Liability below. The QV-TSA assures time with ± 1 second of a trusted UTC time source. If a trusted UTC time source can not be acquired the time stamp will not be issued. QuoVadis maintains secure records concerning the operation of the QV-TSA for a period of 11 years for the purpose of providing evidence in legal proceedings.

5. OBLIGATIONS OF SUBSCRIBERS

Subscribers must use a method or software toolkit approved by QuoVadis to create time-stamps, unless otherwise specifically authorised in writing by QuoVadis. When retrieving a Time-Stamping Token (TST), subscribers must

13. TSA AND REPOSITORY LICENCES, TRUST MARKS AND AUDIT

The QV-TSA has been certified for conformance to ETSI TS 101.023, *Electronic Signatures and Infrastructures (ESI); Policy Requirements for Time-stamping Authorities* and ETSI TS 101.861, *Time-stamping Profile* by KPMG AG.

In addition, QuoVadis maintains several accreditations and certifications of its Public Key Infrastructure. These include:

- **WebTrust for Certification Authorities**. The WebTrust seal of assurance for Certification Authorities symbolises to potential relying parties that a qualified practitioner has evaluated the CA's business practices and controls to determine whether they are in conformity with the AICPA/CICA WebTrust Principles and Criteria for CAs, and has issued a report with an unqualified opinion indicating that such principles are being followed. This audit is performed on an annual basis for QuoVadis by Ernst & Young.
- **Qualified Certification Service Provider (Switzerland)**. QuoVadis is entitled to issue and administer qualified electronic certificates in accordance with Swiss law. This includes certification to SR 943.03, *ZertES* ETSI TS 101.456, *Policy requirements for Digital Certification Authorities issuing Qualified Digital Certificates* and other standards. This audit is performed on an annual basis by KPMG.
- **Authorised Certification Service Provider (Bermuda)**. QuoVadis is entitled to issue accredited certificates under the requirements of the Bermuda Electronic Transactions Act 1999.