

Good practice No 17

A set of security principles is guaranteed via the appropriate trust-based mechanisms.

Secure information exchange requires the use of electronic certificates to identify an entity, to sign, seal, timestamp or encrypt a document. Each Member State publishes a Trusted List of Certification Service Providers and the European Commission maintains a central List of Trusted Lists. This list is about to be expanded to cover other Trust Services as a result of the recently approved eIDAS Regulation No 910/2014 on electronic identification and trust services for electronic transactions in the internal market. Thus a chain of trust is available for secure cross-border exchange between base registries.

- **EUROPEAN INITIATIVES:** DIGITAL SIGNATURE SERVICE (DSS) TOOL, MS TRUSTED LIST.

DIGITAL SIGNATURE SERVICE TOOL (DSS).

DSS is the open source software tool that creates and verifies legally binding, interoperable and highly secure electronic signatures according to the interoperable formats defined by the eIDAS Regulation. The tool makes use of the MS Trust Status Lists (TSLs) to check the trustworthiness of the signing certificates. The tools can be found on the Joinup.eu portal.

MS TRUSTED LIST.

Member States have the obligation to establish and publish their Trusted List of supervised/accredited certification service providers issuing qualified certificates to the public.