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PAN-EUROPEAN PUBLIC PROCUREMENT ONLINE

eSignature Infrastructure ICT Architecture Strategy

ICT Architecture Strategy

▶▶ To enable pan European digital signature validation interoperability the back-end approach is chosen:

   ▶▶ Receiver of signed documents shall be able to validate and accept signatures and certificates from all relevant counterparts, regardless of the certificate issuer of the counterpart.

▶▶ Enable <u>Validation</u> and <u>acceptance</u> for digital signatures (rich validation interface)

   ▶▶ Cryptographic validation

   ▶▶ Trust models for validation "proofs" (PPRS)

   ▶▶ Standardized interfaces (XKMS)

   ▶▶ Standardized scheme for quality classification (PEPPOL specification)

ICT Architecture Principles

▶▶ Realisation of a Federated Infrastructure for Digital Signature Validation.

▶▶ Implementation of European procurement directive:

   ▶▶ Directives oblige any public purchaser in the EU to effectively recognize, receive and process tenders submitted, if required, with a qualified signature and their accompanying certificates, regardless of their origin within the EU or their technical characteristics

▶▶ A receiver cannot enter agreements with all certificate issuers over Europe.

▶▶ A receiver cannot by itself judge quality and liability of digital signatures.

eProcurement without borders in Europe

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