

Remote QES - Creating a Signature (channeled by EUDI Wallet)

High Level Description:
 In the remote flow channeled by the EUDI Wallet, the signature is created using a signing (private) key held within a Qualified Signature Creation Device operated by a Qualified Trust Service Provider.

The flow may be initiated by the User or a Relying Party and the user views the document or the data to be signed within the EUDI Wallet. The signature is created by utilizing the default signing services or with the one selected by the user in case the user has enrolled to more than one signing services.

The EUDI Wallet computes the hash digest of the document to be signed and can either build the whole signature (AdES) and finalise the signed document or (where applicable) forward the eSignature value and certificates to the Relying Party which can finalise the signature (AdES) and the signed document. In both cases, the signed document is stored within the EUDI Wallet.

Journey Steps

Which step of the experience are you describing?

Enablers

What do they need



The document to be signed exists on the user's mobile device (or an external URL)



Internet Connectivity



User is enrolled to a default signing service (built-in to the EUDI Wallet)



For user: Being able to authenticate via PIN/biometrics etc.

Relying Party

What do they need



Creates document/data to be signed



Requests user authentication



(Optional) Authenticates user



Displays QR code



Scans QR code

Legend
 eSignature journey triggered by a Relying Party
 eSignature journey triggered by the EUDI Wallet holder / Common steps

User

EUDI Wallet Holder



Opens EUDI Wallet



Identifies to EUDI Wallet



(Optional) Authenticates against Relying Party



Results error message



Selects the document/data to be signed



Results error message



Views the document/data



Authoriser Provides consent to sign document/data



Results error message



Selects signing service (if different from the default or the user has enrolled to more than one signing services)



Views Signature PIN/biometrics



Views confirmation of signed document

Touchpoint

What service do they interact with?

Helping Party Service

Backstage

Helping Party Service

EUDI Wallet



Verifies authenticity of the signing request



Presents the document/data to be signed



Verifies Authorisation



Verifies certificate information



Computes hash digest of the document/data to be signed



Pastes hash digest to QSCD



Verifies eSignature value using QSCD



Delivers eSignature value

Signature Creation Device (Remote)

(operated by a QTFSP)

Usage
 How would they use the app?

