



## YOU ARE A PUBLIC ADMINISTRATION

### What is the building block about?

Electronic signature means “data in electronic form which is attached to or logically associated with other data in electronic form and which is used by the signatory to sign” (REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL). The main purpose is to bind an e-Document to an entity so that some legal value is associated.

The BB covers signature-creation (by the signatory) and signature-verification (by a relying party) based on the EU e-Signature legislation (mainly the e-IDAS Regulation) as the legal backbone and the EU e-Signature Standards Framework as the interoperability backbone.

The eSignature building block provides an interoperable architecture to handle e-Signatures when a public administration needs digitalized handwritten competent signatures, as well as electronic fulfilment of legal requirements

### Why should I use it?

eSignature components provide the following possibilities:

- fulfil cross-border procedures that need handwritten signatures to confirm the authenticity and integrity of business documents;
- comply with the standards framework and have proven interoperability;
- join the EU Digital Single Market to have new business opportunities;
- simplify business processes by means of digitalization;
- prepare for EIDAS compliance;
- enable e-signature services for citizens.

### How can I use it?

In order to use eSignature public organizations need to analyze the business processes they support with respect to the use of eSignature and create a specific eSignature profile. With the eSignature BB it is possible to:

- sign digital documents and content;
- verify signatures;
- create countersigns.

### What kind of help can I get?

CC6.3 Identity, Security and Trust cluster can help you with the BB by providing technical documents including business use cases, requirement mappings etc. and providing some level of consultation.



e-Signature

## YOU ARE A SERVICE PROVIDER

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The BB covers signature-creation (by the signatory) and signature-verification (by a relying party) based on the EU e-Signature legislation (mainly the e-IDAS Regulation) as the legal backbone and the EU e-Signature Standards Framework as the interoperability backbone.

The eSignature building block provides an interoperable architecture and means to confirm the authenticity of a business document.

### Why should I use it?

e-Signature components:

- comply with the standards framework and have proven interoperability;
- support joining the EU Digital Single Market to have new business opportunities;
- enable new services;
- provide cross-border service interoperability.

### How can I use it?

You can use eSignature to provide public organizations with eSignature services:

- by using defined interfaces in interoperability architecture;
- by inspecting and determining the proper business processes into which the BB fits.

### What kind of help can I get?

CC6.3 Identity, Security and Trust cluster can help you with the BB by providing technical documents including business use cases, requirement mappings etc.



e-Signature

## YOU ARE A SOFTWARE COMPANY OR A SOFTWARE DEVELOPER

### What is the building block about?

The eSignature building block is:

- a reusable digital signature architecture that provides an interoperable solution;
- a set of open-source modules to easily implement a digital signature architecture.

### Why should I use it?

The eSignature building block allows you to:

- save time on design and implementation and reduce maintenance costs;
- create market opportunities;
- gain public acceptance/reputation.

eSignature solutions are licensed as free and open source software (EUPL), so you can benefit from reusability or add value based on existing e-SENS solutions without licence fees.

### How can I use it?

You can incorporate the eSignature BB's interoperability to provide:

- implementations proposed by the BB;
- implementations from a third party that conform to the BB Specifications;
- implementations that conform to the BB Specifications.

### What kind of help can I get?

CC6.3 Identity, Security and Trust cluster can help you with the BB by providing technical documents including business use cases, requirement mappings etc.