

e-ID

YOU ARE A PUBLIC ADMINISTRATION

What is the building block about?

eID is a cross-border infrastructure enabling the re-use of national e-ID for authentication when accessing public administration services.

Why should I use it?

According to the eIDAS regulation, by 2018 all EU public administration bodies must allow access to their services by foreign citizens with their own national e-ID.

By adopting the e-SENS building block for eID now, a public administration can be prepared for eIDAS compliance and significantly reduce the burden of enabling foreign users to access local public administration services.

This will also simplify interaction for the citizen, since authentication will be performed by an identity provider located in the country of the citizen requesting the service.

How can I use it?

Use is subject to the fulfilment of two sets of requirements at national level:

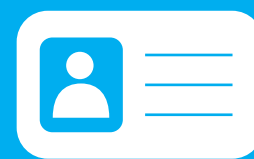
1. Infrastructure – the public administration's country must establish at least one identity gateway, to interact with the local identity providers on one hand (this is country-specific), and with the foreign identity gateways on the other.
2. Policy – the local e-ID authentication methods must be evaluated according to the eIDAS LOA framework, in order to make different authentication means comparable.

If these requirements are met, the public administration can accept foreign e-IDs for authentication by simply redirecting authentication requests to the national proxy server, additionally listing the personal data required to access the service.

In this way there is no need to perform registration of a foreign user (e.g. to create their authentication credentials) and their personal data come from a trusted source (e.g. the foreign government).

What kind of help can I get?

e-SENS provides and maintains architectural documents, technical specifications and implementation guidelines. It can also provide example software and advice from available experts from the various LSP projects: STORK, STORK2, e-SENS.



e-ID

YOU ARE A SERVICE PROVIDER

What is the building block about?

eID is a cross-border infrastructure enabling re-use of national e-ID for authentication when accessing e-services.

Why should I use it?

- According to the eIDAS regulation, by 2018 EU citizens must be able to access EU public administration services with their own national e-ID. Service providers may optionally join this authentication infrastructure, thus benefitting a large number of readily available potential users, with no need to register with a specific service provider;
- The eID solution is useful to outsource the burden of authentication to an external infrastructure, which supports all the EU national e-IDs, provides certified personal information and complies with the EU privacy legislation.

How can I use it?

Use is subject to the fulfilment of two sets of requirements at national level:

1. Infrastructure – the SP's country must establish at least one identity gateway, to interact with the local identity providers on one hand (this is country-specific), and with the foreign identity gateways on the other.
2. Policy – the local e-ID authentication methods must be evaluated according to the eIDAS LOA framework, in order to make different authentication means comparable

If these requirements are met, the SP can accept foreign e-IDs for authentication by simply redirecting authentication requests to the national proxy server, additionally listing the personal data required to access the service.

In this way there is no need to perform registration of a foreign user (e.g. to create their authentication credentials) and their personal data come from a trusted source (e.g. the foreign government).

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e-ID

YOU ARE A SOFTWARE COMPANY OR A SOFTWARE DEVELOPER

What is the building block about?

eID is a set of open-source modules to easily implement authentication services that accept the national e-IDs of the various EU countries.

Why should I use it?

- The development of a security component is a risky task, prone to errors both at design and implementation level. By reusing an existing security component, the software company can focus on its specific development goals, reducing the risk of errors and lack of interoperability;
- By exploiting the eID open source solution, the software product will directly accept all EU national e-IDs for authentication and hence enjoy better acceptance from end users.

How can I use it?

- By adopting the e-SENS e-ID building block, a software developer does not need to implement a specific and error-prone authentication service;
- By using the corresponding open-source modules and web-based services, the application service will automatically accept foreign e-IDs for authentication, accompanied by the relevant certified personal information of the user.

What kind of help can I get?

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