Factsheet Luxembourg

Main interoperability activities

The Grand-Duchy of Luxembourg has currently no National Interoperability Framework available. The NIF will be part of the 2nd version of the Luxembourgish Public Service Commission (PSC) framework.

Summary of the NIF

In the e-Government roadmap of the Grand-Duchy of Luxembourg, interoperability is implemented as part of the PSC framework. It covers 4 different aspects:

- Access to e-services
- Relationship between the private sector and the administrations
- Exchange of information between local administrations
- Cross border interoperability

Luxembourg puts forward as prerequisite for a reliable interoperability the following building blocks: eID and a Public Key Infrastructure (PKI) providing secured authentication and e-signature services.

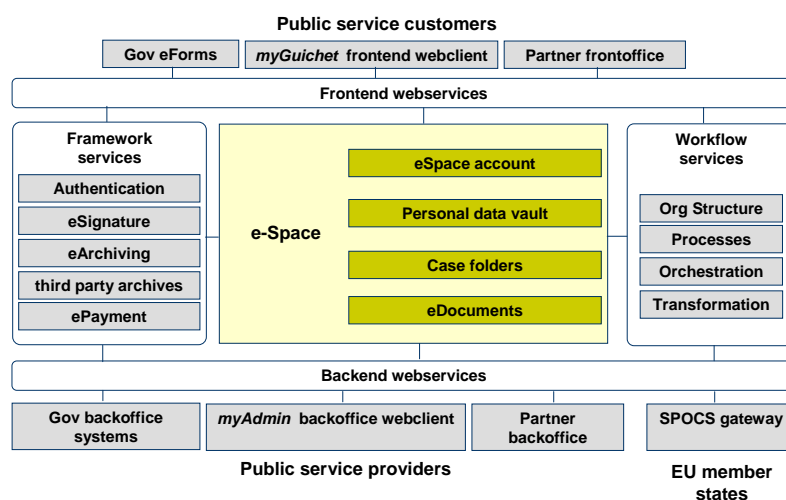The following figure presents the PSC architecture.

Figure 1 The PSC architecture.

Service requests can be submitted to the public administration infrastructure via e-forms provided by governmental administrations or via partner front offices (social security, local authorities) or their applications.

The kernel of the PSC framework is a central data store for case folders instantiated by citizens or businesses and processed by one or several administrations. The PSC framework comprises an integrated workflow engine, which, based on management rules, orchestrates the interoperation between the various actors involved in a specific case process. This enables public service providers to process the case folders in such a way that the desired result can be delivered electronically (in case of authorisations, certificates and other documents). These documents will of course be signed electronically.

For the means of the cross border services, Luxembourg participates in the SPOCS[1] large scale project with a special focus on semantic matching processes mainly between documents composing specific case folders.

Alignment NIF/EIF

While there is no formal NIF available at this point, it has been decided that the next version of the platform underlying the Luxembourg transactional administrative portal will be SPOCS compliant by default. Building on Luxembourg's experiences as a SPOCS partner, this will ensure that cross-border administrative procedures can be part of any workflow as a matter of course.

Other initiatives on interoperability

No further initiatives where provided.

NIF responsibles for Luxembourg

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[1] http://www.eu-spocs.eu/