

Factsheet Hungary

Main interoperability activities

Hungary has a National Interoperability Framework defined (end of 2008). The objective of this framework is to define standards, requirements and regulations which guarantee the solid technical-semantic, monitoring, project management, IT security and application development methodology platform for the expansion and operation of electronic public administration.

Summary of the NIF

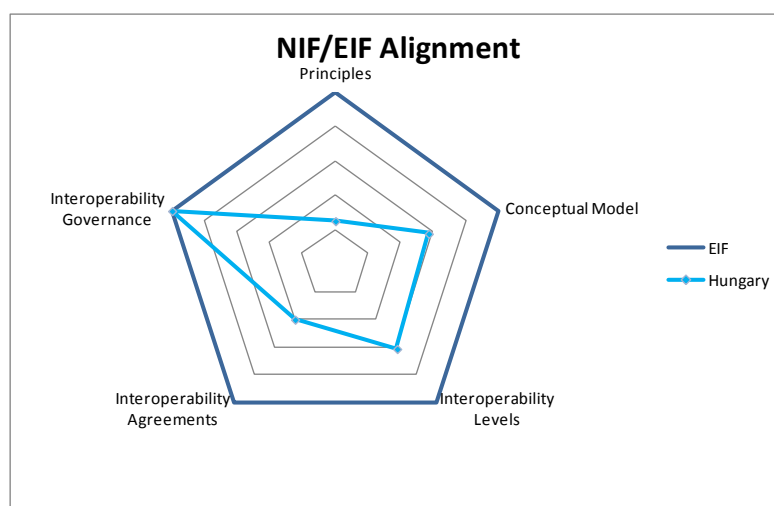
Certain elements of the Framework assure jointly the professional, technological, methodological background and competency, which is necessary to build a solid platform for electronic public administration services, as well as for the enforcement of requirements, standards and specifications of the solid platform in the central, departmental and local governmental subsystems.

For the sake of the above, the Hungarian National Interoperability Framework contains the following main chapters:

- Elaboration of process-describing methodology and toolkit
- Definition of technical and semantic interoperability requirements
- Definition of application-dependent IT security requirements
- Development of a methodology and application development framework
- Creation of the maintenance system for a standard repository
- Elaboration of project management methodology and professional monitoring

Alignment NIF/EIF

The Hungarian NIF is fully aligned the EIF on the 'interoperability governance'. It has a strong alignment with the EIF on the 'interoperability levels' and 'conceptual model'. The NIF has a fair alignment with the 'interoperability agreements'. There is a weak alignment with the EIF principles.



The Hungarian NIF aligns with three of the twelve EIF **principles**. These three principles are: User-centricity, Transparency, and Reusability.

The Hungarian NIF defines a **conceptual model** aligned with the EIF. The NIF encourages the usage of a Service-Oriented Architecture. The Hungarian NIF defines security requirements for the development of eGovernment systems. Evidences encouraging the use of common schemes to interconnect loosely cou-

pled service components and evidences of the NIF promoting the usage of authentic sources were not observed.

The **interoperability levels** described in are strong aligned with the ones described by the EIF. The Hungarian NIF focuses mainly on the technical and semantic interoperability. The business processes are unified documented at the various levels of the public administration. Organisational relationships are not clarified. Semantic interoperability is achieved through the definition of data formats and data schemas. Technical interoperability is achieved through the usage of technical standards.

The **interoperability agreements** described are fair aligned with the EIF. The Hungarian NIF defines a process to maintain the repository of the standards. A framework exists to define security requirements and service level agreements.

A **governance framework** describes a professional monitoring framework and a testing framework. The professional monitoring framework describes the continuous IT coordination and supervision of departmental electronic public administration projects. A testing framework describes the ways to test for conformance and for interoperability.

Other initiatives on interoperability

No other initiatives were observed.

NIF responsables for Hungary

Dr. Timea Major (timea.major@kim.gov.hu)

Zoltan Rupp (zoltan.rupp@kim.gov.hu)