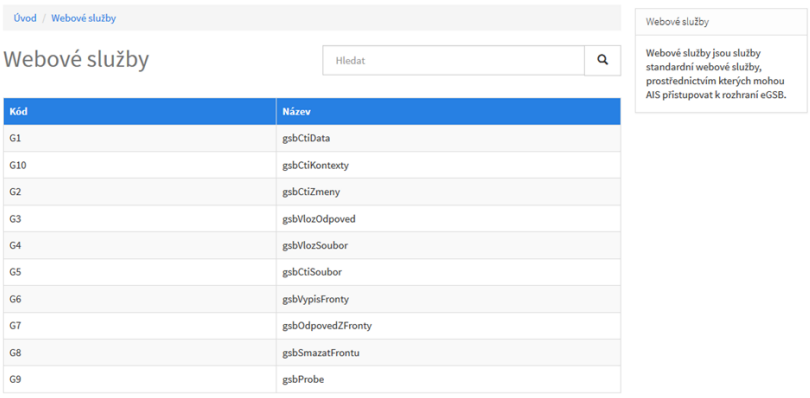
Government Service Bus (eGSB)	
Summary	
ID	CZE03
Initiative	Czech Republic, Public administration communication infrastructure
Short description	The eGSB provides the infrastructure for the exchange of data between basic base registries and other authoritative government data sources. The eGSB is also the central point that allows for the access to the Information System of Base Registries (ISZR) services and the exchange of data between base registries and the agenda information systems (AIS). The ISZR is the information system of the base registries, and it describes the links between base registries and the AIS. The AIS is the basic and the most important access point to the reference data of public authorities. The National Registry Authority publishes a catalogue of web services to be used by AIS to access reference data in base registries. The eGSB is also used for handling inquiries from data providers. It enforces defined schemas and develops and maintains an audit trail of all transfer and exchange of data.
Owner	Ministry of the Interior of the Czech Republic
Contact	Roman Vrba Director of eGovernment Department E-mail: oveg@mvcr.cz
Type	Service
Sub-Type	Infrastructure
Context	Cross-sector
Base Registry type	People, companies, land, buildings.
Operating model	The eGSB is part of the implementation of the central service point (CMS - Centrálního místa služeb). The CMS is the only place to exchange data between different information systems from public administration. All the details to connect are provided via a document called “Standard connection to the CMS”, which is available on the Ministry’s portal here. It can also be accessed via the CMS 2.0 - Concept of solutions and services document can be consulted here. The entities will have access to the interface via a web application (see figure below), where the user logs in. A complete list of the eGSB catalogue items can be found at the central part of the screen, which can be browsed and used as needed. If, for example, the user wishes to access the complete list of the "Web Services" category, a list of defined web services will be displayed (as seen in the figure below).

	 More information regarding the operating model of eGSB can be found at the Ministry of Interior's portal here (click on Services catalogue eGSB).
IPR	Public
Status	Operational
More details	
Functionalities	The eGSB can be used in Czech Republic for: • exchanging messages; • exchanging files, when dealing with large volumes of data; • accessing the Catalogue of Web Services • monitoring services; • auditing records. These functionalities are divided into four different items: • Catalogue of Web Services; • The schema of the data contents of the catalogue; • Catalogue of contexts; • Catalogue of code lists. The Catalogue of Web Services provides a description of the web services published on eGSB, their definition files (WSDL), schemas, SLA parameters, documentation, versioning interface. An example of a web service published on eGSB is a service called "G1-gsbCtiData", composed by a code and a title. The schema of the data contents of the catalogue contains the definitions of XML schemas for the data content. The Catalogue of contexts contains a list and description of the defined contexts. The individual context is assigned a unique code. The Catalogue of code lists consolidates in one place the list of defined data types that are of a fixed set of values.
Design/Architecture	The eGSB components are:

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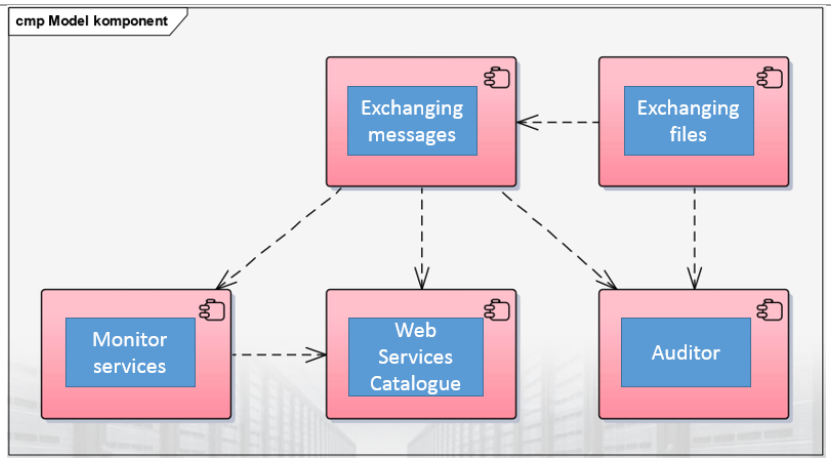
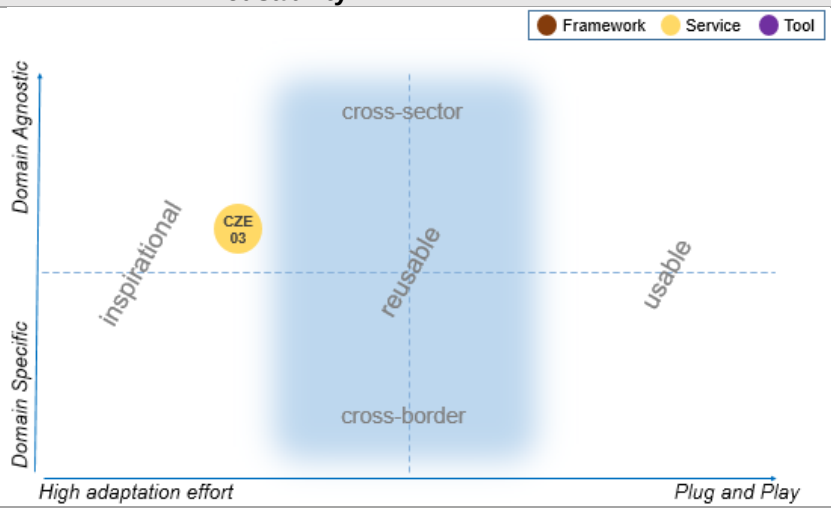
<tr><td></td><td> 
</td></tr>
<tr><td>Technologies</td><td>Archimate</td></tr>
<tr><td>Specifications</td><td>WSDL, XSD, XML</td></tr>
<tr><td>Management</td><td>The management of the eGSB is under the Ministry of the Interior.</td></tr>
<tr><td>Governance</td><td>The eGSB is coordinated by the Department of eGovernment, under the Ministry of the Interior. The department is responsible for the implementation of projects and regional activities concerning eGovernment. It is also responsible for the digitisation of the Czech public administration.
The Ministry of the Interior is, among others, responsible for implementing national eGovernment infrastructure projects.</td></tr>
<tr><td>Sustainability</td><td>Not available/Not found.</td></tr>
<tr><td>Documentation</td><td>http://www.mvcr.cz/clanek/dokumentace-egsb.aspx</td></tr>
<tr><td>ADMS</td><td>Not available/Not found.</td></tr>
<tr><td>Current Users</td><td>Civil servants in government departments</td></tr>
<tr><td colspan="2">EIRA</td></tr>
<tr><td>View</td><td><table>
<tr><td>Legal view</td><td>Organisational view</td><td>Semantic view</td><td>Technical view-application</td><td>Technical view-infrastructure</td></tr>
<tr><td></td><td></td><td></td><td>×</td><td></td></tr>
</table></td></tr>
<tr><td>Building Block</td><td>Application service</td></tr>
<tr><td colspan="2">Reusability</td></tr>
<tr><td>Landscape</td><td> 
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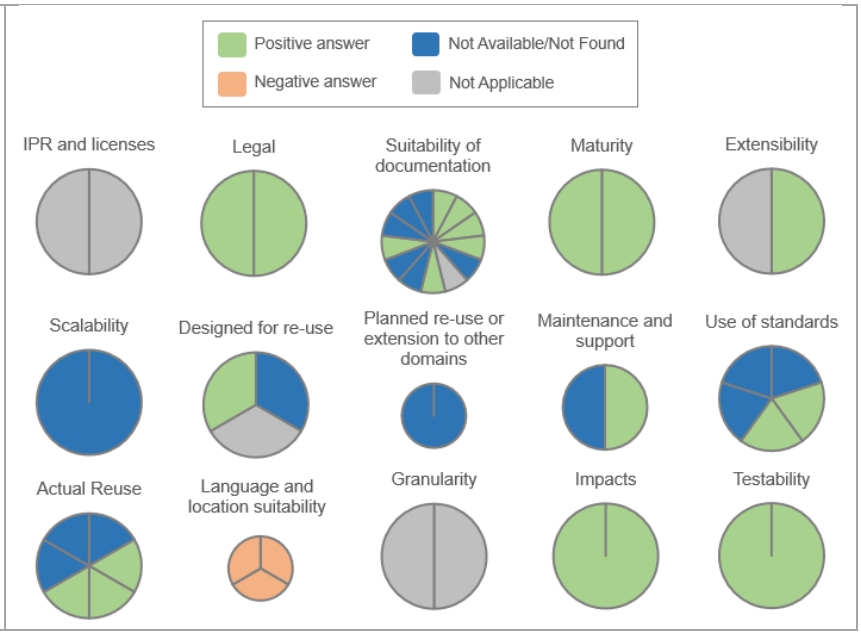
Criteria	

Positive answer
Not Available/Not Found
Negative answer
Not Applicable
IPR and licenses
Legal
Suitability of documentation
Maturity
Extensibility
Scalability
Designed for re-use
Planned re-use or extension to other domains
Maintenance and support
Use of standards
Actual Reuse
Language and location suitability
Granularity
Impacts
Testability