

eGovERA Customs RA v6.0.0

Release notes

eGovERA©

for
eGovernment
and digital
transformation

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1 Introduction

1.1 Purpose of this document

This document contains the description of the release version 6.0.0 of the eGovERA Customs Reference Architecture (eGovERA Customs RA).

eGovERA Customs Reference Architecture is a Solution Architecture Template (SAT) defining the most salient architectural building blocks(ABBs) and Solution Building Blocks (SBBs) needed to build interoperable systems in Customs domain. (Decoupled functionalities).

1.2 Release date

This version of the EIRA has been released on the 29th of August 2023 in [Joinup](#).

1.3 Description

eGovERA Customs RA v1.0.0 was released on the 22nd of May 2022. About one year later, a MAJOR version 6.0.0 of the eGovERA has been released, containing upgrades related to the views, viewpoints, ABBs, and ABBS and SBBs documentation. This 6.0.0 is completely aligned with the latest version of the EIRA. The content of the release has been developed through an agile project management approach. Tickets from EC internal and external stakeholders have been analysed to address their feedback and requirements.

1.4 List of acronyms used in this document

ABB	Architectural Building Block
EC	European Commission
EIRA	European Interoperability Reference Architecture.
IoP	Interoperability
SKOS	Simple Knowledge Organization System

2 Release Components

The eGovERA consists of the following release components.

2.1 [eGovERA Customs RA v6.0.0 ArchiMate.xml](#)

The Open Group ArchiMate Exchange File Format, containing the model.

Modification	Details
Version 6.0.0	
ABBs, Views and Viewpoints update	<p>The quality review carried out has been focused on aligning the new release with the major release of EIRA, which implies:</p> <ul style="list-style-type: none"> • Enhancing the consistency of all views and between them. • Properties have been harmonized amongst the whole model. • An additional effort has been put on Data Spaces to ensure that all layers for developing architectures of data spaces are covered within EIRA and eGovERA. • Added support to EIRA Viewpoints in eGovERA. • Introduction of new Motivation views at all LOST views aiming to depict the relationship between main elements such as Digital Business Capabilities, Digital Public Services (Business Services) or application services. • Introduction of new Enterprise Architecture Framework Alignment Guidelines view and content. • Support to modelling Functional and Non-Functional requirements (EAF). • Support to modelling Architecture Decision Records (EAF). • The new release ensures the traceability of the model between and throughout views. • The readiness of the model has been simplified adding explanatory views about how to read the model, adding a High-Level view at the entry point of the model and including shortcuts in the views to more detailed views (stratum modelling). • Architecture Principles coverage is ensured by adding a principles view to the main folder. • Documentation, relations and quality of the model elements (views, classes, groups, etc) have been dramatically improved by applying Artificial Intelligence during the modelling process. <p>The quality of the model has been ensured</p>

	using scripting to automatise the quality reviews of the model.
Version 5.0.0	

2.2 eGovERA Customs RA v6.0.0 ArchiMate.archimate

The 'Archi' version of the model.

Modification	Details
Version 6.0.0	
ABBs, Views and Viewpoints update	<p>The quality review carried out has been focused on aligning the new release with the major release of EIRA, which implies:</p> <ul style="list-style-type: none"> • Enhancing the consistency of all views and between them. • Properties have been harmonized amongst the whole model. • An additional effort has been put on Data Spaces to ensure that all layers for developing architectures of data spaces are covered within EIRA and eGovERA. • Added support to EIRA Viewpoints in eGovERA. • Introduction of new Motivation views at all LOST views aiming to depict the relationship between main elements such as Digital Business Capabilities, Digital Public Services (Business Services) or application services. • Introduction of new Enterprise Architecture Framework Alignment Guidelines view and content. • Support to modelling Functional and Non-Functional requirements (EAF). • Support to modelling Architecture Decision Records (EAF). • The new release ensures the traceability of the model between and throughout views. • The readiness of the model has been simplified adding explanatory views about how to read the model, adding a High-Level view at the entry point of the model and including shortcuts in the views to more detailed views (stratum modelling). • Architecture Principles coverage is ensured by adding a principles view to the main folder. • Documentation, relations and quality of the model elements (views, classes, groups, etc) have been dramatically improved by applying Artificial Intelligence during the modelling process. • The quality of the model has been ensured using scripting to automatise the quality reviews of the model.
Version 2.0.0	

<p>Alignment with the new version of the EIF (theNew European Interoperability Framework)</p>	<p>Introduction of new viewpoints to align with the cross-cutting concerns that areintroduced in the new version of the "European Interoperability Framework(EIF):</p> <ul style="list-style-type: none"> • "Interoperability Governanceviewpoint" • "Integrated Public ServiceGovernance" • "Security and privacy viewpoint" <p>Introduction of a new view:</p> <ul style="list-style-type: none"> • "EIF Underlying Principles" Introduction of new Architecture BuildingBlocks (ABBs), specialising "OrganisationalInteroperability Enablers" on the "Organisational View": • "Security Policy" • "Security Framework" (as specialisation of "Security Policy") Introduction of new Architecture BuildingBlocks (ABBs), specialising "Data" on the "Semantic View": • Open Data Base Registry (as specialisation of "MasterData")
<p>Better use of in Interoperability Specifications</p>	<ul style="list-style-type: none"> • Each view has a grouping to which Interoperability Specifications havebeen attached, indicating that any Architecture Building Block can be associated with any Interoperability Specification. • The "Data standards" ABB on the "Semantics view" has been removedas parent ABB, the implementing ABBs have been recognised as ABBsspecialising the Semantic Interoperability Specifications ABB. • The "Interoperability Specification Underpinning view" has become a viewpoint with some adaptations tosupport these changes. • The "Technical Interoperability Specification" is no longer attached tothe "Service Registry Component" in the "Technical view – infrastructure", but associated to the entire "Digital Service Infrastructure", via its more generic parent class "Interoperability Specification".

2.3 eGovERA Customs RA v6.0.0 Web version

A compressed folder containing the web-version of the eGovERA Customs RA model.

Modification	Details
Version 6.0.0	
ABBs, Views and Viewpoints update	<p>The quality review carried out has been focused on aligning the new release with the major release of EIRA, which implies:</p> <ul style="list-style-type: none"> • Enhancing the consistency of all views and between them. • Properties have been harmonized amongst the whole model. • An additional effort has been put on Data Spaces to ensure that all layers for developing architectures of data spaces are covered within EIRA and eGovERA. • Added support to EIRA Viewpoints in eGovERA. • Introduction of new Motivation views at all LOST views aiming to depict the relationship between main elements such as Digital Business Capabilities, Digital Public Services (Business Services) or application services. • Introduction of new Enterprise Architecture Framework Alignment Guidelines view and content. • Support to modelling Functional and Non-Functional requirements (EAF). • Support to modelling Architecture Decision Records (EAF). • The new release ensures the traceability of the model between and throughout views. • The readiness of the model has been simplified adding explanatory views about how to read the model, adding a High-Level view at the entry point of the model and including shortcuts in the views to more detailed views (stratum modelling). • Architecture Principles coverage is ensured by adding a principles view to the main folder. • Documentation, relations and quality of the model elements (views, classes, groups, etc) have been dramatically improved by applying Artificial Intelligence during the modelling process. • The quality of the model has been ensured using scripting to automatise the quality reviews of the model.
Version 2.0.0	

2.4 [ISA Product License v1.4.zip](#)

The license under which the EIRA is released.

Modification	Details
Version 1.4.0	
New version of the ISA license	
Version 1.3.0	
Replacement of specific ISA Product licenses by a generic license	
Version 1.2.0	
Typo "hereafter"	
"or later versions" replaced by "which replaces earlier versions"	
Version 1.1.0	
Typo "above" replaced by "below".	
Version or ArchiMate explicitly mentioned (i.e. 2.1).	
Reference to citizens of the EU included.	
Version 1.0.0	

2.5 [eGovERA Customs RA v6.0.0 release.zip](#)

An archive containing each of the above-mentioned files.

Modification	Details
Version 6.0.0	
Release package of all new components – eGovERA Customs RA v6.0.0	