

eGovERA Customs RA v6.0.1

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 6.0.1 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 the Customs domain. (Decoupled functionalities).

1.2 Release date

This version of the eGovERA Customs has been released on the 31st of January 2024 in [Joinup](#).

1.3 Description

eGovERA Custom v6.0.0 was released on the 29th of May 2023. Now, a Bug Fixing version 6.0.1 of the eGovERA Custom has been released, containing the fix of minor aspects that improve the quality and consistency of eGovERA Custom in alignment with eGovERA Business Agnostic Reference Architecture and EIRA. This 6.0.1 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 v6.0.1 xml

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

Modification	Details
Version 6.0.1	
Bug Fixing	This release contains a set of fixes to: correction of typos in property names, business domain identification, cleansing of unused relationships, update properties to aligned them with relevant vocabularies (eira:ABB_status to adms:status), ABBs and SBBs belonging to a unique EIF Layer, unification of dct:identifier along the model, and fixes on some ABBs' definitions.
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

	<p>(stratum modelling).</p> <ul style="list-style-type: none">• 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 using scripting to automatise the quality reviews of the model.</p>
Version 5.0.0	

2.2 eGovERA Customs RA v6.0.1 ArchiMate.archimate

The 'Archi' version of the model.

Modification	Details
Version 6.0.1	
Bug Fixing	This release contains a set of fixes to: correction of typos in property names, business domain identification, cleansing of unused relationships, update properties to aligned them with relevant vocabularies (eira:ABB_status to adms:status), ABBs and SBBs belonging to a unique EIF Layer, unification of dct:identifier along the model, and fixes on some ABBs' definitions.
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	
Alignment with the new version of the EIF (the New European Interoperability Framework)	<p>Introduction of new viewpoints to align with the cross-cutting concerns that are introduced in the new version of the "European Interoperability Framework (EIF):</p> <ul style="list-style-type: none"> • "Interoperability Governance viewpoint" • "Integrated Public Service Governance" • "Security and privacy viewpoint" <p>Introduction of a new view:</p> <ul style="list-style-type: none"> • "EIF Underlying Principles" Introduction of new Architecture Building Blocks (ABBs), specialising "Organisational Interoperability Enablers" on the "Organisational View": • "Security Policy" • "Security Framework" (as specialisation of "Security Policy") <p>Introduction of new Architecture Building Blocks (ABBs), specialising "Data" on the "Semantic View":</p> <ul style="list-style-type: none"> • Open Data Base Registry (as specialisation of "MasterData")
Better use of in Interoperability Specifications	<ul style="list-style-type: none"> • Each view has a grouping to which Interoperability Specifications have been attached, indicating that any Architecture Building Block can be associated with any Interoperability Specification. • The "Data standards" ABB on the "Semantics view" has been removed as parent ABB, the implementing ABBs have been recognised as ABBs specialising the Semantic Interoperability Specifications ABB. • The "Interoperability Specification Underpinning view" has become a viewpoint with some adaptations to support these changes. • The "Technical Interoperability Specification" is no longer attached to the "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 v6.0.1 Web version

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

Modification	Details
Version 6.0.1	
Bug Fixing	This release contains a set of fixes to: correction of typos in property names, business domain identification, cleansing of unused relationships, update properties to aligned them with relevant vocabularies (eira:ABB_status to adms:status), ABBs and SBBs belonging to a unique EIF Layer, unification of dct:identifier along the model, and fixes on some ABBs' definitions.
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.

	<ul style="list-style-type: none"> 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 v6.0.1 release.zip

An archive containing each of the above-mentioned files.

Modification	Details
Version 6.0.1	
Release package of all new components – eGovERA Customs RA v6.0.1	
Version 6.0.0	
Release package of all new components – eGovERA Customs RA v6.0.0	