

Cartography Tool

v6.1.0

Release notes



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1 Introduction

1.1 Purpose of this document

This document contains the description of the release version 6.1.0. of the Cartography Tool (CarTool).

1.2 Release date

This version of the CarTool has been released on the 25th of December 2025 in [Joinup](#).

1.3 Description

The Cartography Tool brings together high-level support for the EIRA as a plug-in for the popular ArchiMate® modelling tool Archi®. It includes both editing features, to model solutions using the EIRA, and querying features to query an EIRA-based Cartography of solutions.

Details on the individual components of this release are provided in Chapter 2, “Release components”.

1.4 List of acronyms used in this document

ABB	ArchitecturalBuildingBlock
EC	EuropeanCommission
EIRA	EuropeanInteroperabilityReferenceArchitecture.
ELIS	European Library of Interoperability Specifications
PURI	Persistent Unique Identifier

2 Release Components

The CarTool v6.1.0. consists of the following release components.

2.1 [CarTool 6.1.0. archi plugin format](#)

The CarTool Archi® plug-in in jar format.

Modification	Details
Version 6.1.0.	
Update EIRA and eGovERA to 6.1.0	EIRA and eGovERA upgraded to version 6.1.0
Addition and update of Public Policy Implementation Support intervention models	The interventions made in this contract have been included in Cartool. B2B, SmartMad and Flanders.
Changes in the new model	Remove the 'New High-Level Interoperability Requirements SAT' model type. Remove the 'New Detailed-Level Interoperability Requirements SAT' model type. Rename the 'New Solution' model type as 'New Solution Architecture'.
Adding elements to the model Issue	Adding elements as SBB to the model from view has been fixed.
Changes in Add to the model	The right button function 'Add to the Model' à 'Add to the Model as SBB' Both right button functions 'Add to the Model as SBB' and 'Add to the model as ABB' should be active in 'New Solution Architecture' models
ELAP Issues	Logic for allowing "Adding elements to the model" has been reviewed.
ELIS Improvements	Properties imported when adding an ELIS specification to a model have been reviewed.
ELAP Architecture Principles	Properties for the ELAP Architecture Principles have been corrected as they were misleading.
Hide EIRA 5.0.0	EIRA version 5.0.0 has been hidden.
Update ELIS to 6.1.0	ELIS has been updated to version 6.1.0, EIRA to 6.1.0, and business-agnostic elements and two SAT interventions were updated.
ELAP attributes updated	ELAP attributes have been updated.
Add specification description	Specification description and association rationale have been added to the ELIS table.
New fields in the menu dialog	New fields have been added to the menu dialog and documentation.

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Fix bug with ELIS theme	Bug related to the ELIS theme has been fixed.
ELIS-related properties fixed	ELIS-related properties have been corrected.
Updated tags and documentation	Tags and documentation fields in ELIS and ELAP tables have been updated.
Version 6.0.1	
HL or DL creation	A bug creating HL and DL models has been solved.
ELIS update	ELIS 6.0.0
Importing models	Importing included a bug that has been solved to properly import models.
SBBs modelling	How SBBs are modelled has been set to name in Bold when created with CarTool.
ABBs and SBBs properties	A bug in the process of creating elements and setting properties has been solved.
Version 6.0.0	
Support for two EIRA versions (6.0 and 5.0)	In order to keep the backward compatibility with the existing models/solutions the CarTool supports two versions of EIRA.
Support for last revision of eGovERAs	Business Agnostic 6.0, Customs 6.0, Health 6.0 and Tax 6.0.
Support for more than one instances of Archi	The CarTool can work with different instances of Archi+CarTool at the same time.
Standardisation of the installation	The CarTool can be installed like any other Archi plugins.
Support for different versions of Archi	From 4.9.0 to 5.1.0.
Update the ELAP	ELAP v2.0.0
Update the ELIS	ELIS v5.0.1
Version 5.0.0	
Upgrade CarTool to the latest version of Archi	Align the CarTool plugin with the latest available version of the Archi software. New version of Archi supports Java 11. The latest version is Archi 4.9.2, released on 13 January 2022. This version of Archi supports ArchiMate 3.1.
Align the HL and DL SATs to the latest version of EIRA (v4.1.0)	The purpose of this task is to migrate the DL SATs (e.g., CEF ID, CEF eDelivery) to the latest version of the EIRA + EIC
Update the ELAP	<ul style="list-style-type: none"> - The purpose of this task is to update the ELAP with the new version (to be provided by CAMSS team) - Add button to recall the static list of the architectural principles (view Available Architecture Principle) and enable to select and add (stereotype) the one of interest as

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	Archi Principle as ELAP:once only
Update the ELIS	Update the ELIS to the updated version shared by the CAMSS team
CarTool folder structuring	<p>EIRA extension Library</p> <ul style="list-style-type: none"> - EIRA Library of Interoperability Specifications - EIRA Library of Architecture Principles (renamed, it was "European Library of Architecture Principles") - European Interoperability Cartography (in this we will have all the architecture without the "solution" intermediate folder) - Solution Architecture Template (SATs) - eGovERA
Bug/issue fixing	<p>Change the column header of the ELAP as agreed:</p> <ul style="list-style-type: none"> - Principle - Definition of the principle - Domain - Category - Source - About Source
Version 4.1.0	
EIRA v4.1.0 Support	Align the CarTool plugin with the latest available version of the EIRA (v4.0.0)
Restructure of the CarTool folders -Create the "My Solution Architecture Templates" folder	Creation of a new folder in the CarTool under the folder "EIRA Extension Library". The new folder has been called "European Library of Architecture Principles". The folder includes the new ELAP library.
ELIS v1.1.0 Support	Align the CarTool plugin with the latest available version of the ELIS (v1.1.0)
eGovERA Model inclusion	Include inside the CarTool also eGovERA Business Agnostic, eGovERA Tax and eGovERA Health Reference Architectures
Version 4.0.0	
CarTool release based upon Archi(r) v4.7.1 with support for EIRAv4.0.0	Align the CarTool plugin with the latest available version of the Archi software. The latest version is Archi 4.7.0, released on 15 July 2020. This version of Archi supports ArchiMate 3.1.
EIRA v4.0.0 Support	Align the CarTool plugin with the latest available version of the EIRA (v4.0.0)
Restructure of the CarTool folders -Create the "My Solution Architecture Templates" folder	Creation of a new folder in the CarTool under the folder "My Library". The new folder has been called "My Solution Architecture Templates". The folder has two sub-folders called "My Detailed-Level Solution Architecture Templates" and "My

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	High-Level Solution Architecture Templates". These folders enable the user to collect all his/her solution architecture templates.
Import of Solution National Architecture Templates (both HL and DL SATs)	Development of a functionality to import national High-Level and Detailed-Level Solution Architecture Templates. This functionality requires adding the possibility to import the proper Archimate file in "My Detailed-Level Solution Architecture Templates" or "My High-Level Solution Architecture Templates" folder depending on the type of SAT. Inserted the instructions to import and use National Interoperability Specifications and Reference Architecture Updated the instructions to consult the ELIS (European Library of Interoperability Specifications)
Qualification of the imported RAs and DL/HL SATs	It has to be implemented in the CarTool the functionality to qualify the imported RAs and DL/HL SATs. Furthermore, it has to be defined a clear nomenclature.
Enable the functionality "Add to model" for the Interoperability Requirement ABB when creating a HL SAT	Development of a functionality enabling the user to instantiate the Interoperability Requirement ABB in a new HL SAT as a Solution Building Block (SBB). This features was present only when the user is modelling a new solution or DL SAT. This functionality has been enabled only for the Interoperability Requirement ABB present in the EIRA Ontology Viewpoint when the user is modelling a HL SAT.
Version 3.1.0	
CarTool release based upon Archi(r) v4.6 with support for EIRAv3.1.0	
User guide update	Aligned with the EIRA v3.1.0. Modified the description of the CarTool Structure. Modified the overview of the features of the CarTool. Modified the "Inspecting the EIRA, the EIRA Extension Library and My Library" section, "Accessing interoperability specifications" section and the "Creating and updating solutions and SATs" sections. Inserted the instructions to import and use National Interoperability Specifications and Reference Architecture Updated the instructions to consult the ELIS (European Library of Interoperability

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	Specifications)
CarTool Structure update	
Include the ELIS (European Library of Interoperability Specifications)	
Add advanced functionalities that support solution modelling with EIRA	<p>Possibility to use imported reference architecture for stereotyping SBBs and creating new Solutions.</p> <p>Possibility to use imported National Interoperability Specifications by adding them to an ABB or SBB.</p>
Version 3.0.0.	
Cartool release based upon Archi(r) v4.3 with support for EIRAv3.0.0	
User guide update	<p>Aligned with the EIRA v3.0.0.</p> <p>Introduced the description of the CarTool Structure.</p> <p>Modified the overview of the features of the CarTool.</p> <p>Modified the "Inspecting the EIRA, the EIRA Extension Library and My Library" section, "Accessing interoperability specifications" section and the "Creating and updating solutions and SATs" sections.</p> <p>Added the instructions to consult the ELIS (European Library of Interoperability Specifications) and to consult the online documentation of the building blocks in joinup.</p>
CarTool Structure update	
Include the ELIS (European Library of Interoperability Specifications)	
Add advanced functionalities that support solution modelling with EIRA	<p>Possibility to use a reference architecture qualification when stereotyping SBBs.</p> <p>Possibility to consult online documentation of the building blocks through PURIs.</p>
Add H-L SAT Blockchain v1.1.0	
Version 2.2.0.	
Cartool release based upon Archi(r) v4.2 with support for EIRAv2.1.0	
User guide update	<p>Modified installation instructions for European Commission users.</p> <p>Added install instructions for European Interoperability Cartography (EIC) solution.</p>
Version 2.1.0	
Release the installation guide in both pdf and doc format	

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Include Interoperability Specifications library	
TES download for FTP not allowed anymore: switch to SFTP	
Add EIRA v2.1.0 support	
Add Testbet SAT 1.0.0	
Add eProcurement SATs	SAT e-Procurement v1.0.0 beta SAT e-Procurement accessing v1.0.0 beta SAT e-Procurement awarding v1.0.0 beta SAT e-Procurement contracting v1.0.0 beta SAT e-Procurement discovering v1.0.0 beta SAT e-Procurement evaluating v1.0.0 beta SAT e-Procurement fulfilling 1.0.0 beta SAT e-Procurement invoicing v1.0.0 beta SAT e-Procurement notifying v1.0.0 beta SAT e-Procurement ordering v1.0.0 beta SAT e-Procurement quoting v1.0.0 beta SAT e-Procurement submitting v1.0.0 beta
Update SATs eID, eDelivery, eHI	eID to v1.0.0. eDelivery to v1.0.0. eHI to v1.0.0.
Allow BULK export of all TES to MEF format	Use the result of the query builder as list for export
Add Catalogue of Services v1.0.0	
Version 2.0.1	
Support for FTP and FTPS.	
Version 2.0.0	
EIRA v2.0.0 support	
Archi 4 support	
ArchiMate 3 support	

2.2 ISA Product License v1.4

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 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	

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2.3 [CarTool v6.1.0. user guide.pdf](#)

A PDF document describing how to install and use the CarTool.

Modification	Details
Version 6.1.0	
Alignment with the latest changes	No relevant changes, only changes on aspects that needed alignment with the plugin (i.e., the ELAP and ELIS sections have been updated due to new modifications performed over these two solutions in the plugin).
Version 6.0.1	
Alignment with the latest changes	No relevant changes, simply changes on aspects that needed alignment with the plugin.
Version 6.0.0	
Modified the installation section Modified the supported Archi versions	
Version v4.1.0	
Modified the description of the CarTool Structure. Modified the overview of the features of the CarTool. Modified the "Inspecting the EIRA, the EIRA Extension Library" section.	
Version 4.0.0	
Modified the description of the CarTool Structure. Modified the overview of the features of the CarTool. Modified the "Inspecting the EIRA, the EIRA Extension Library and My Library" section, "Accessing interoperability specifications" section and the "Creating and updating solutions and SATs" sections. Added the instructions to import HL SAT and DL SAT.	
Version 3.1.0	
Modified the description of the CarTool Structure. Modified the overview of the features of the CarTool. Modified the "Inspecting the EIRA, the EIRA Extension Library and My Library" section, "Accessing interoperability specifications" section and the "Creating and updating solutions and SATs" sections. Added the instructions to consult the ELIS (European Library of Interoperability Specifications) and to consult the online	

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documentation of the building blocks in joinup.	
Version 3.0.0	
<p>Introduced the description of the CarTool Structure.</p> <p>Modified the overview of the features of the CarTool.</p> <p>Modified the "Inspecting the EIRA, the EIRA Extension Library and My Library" section, "Accessing interoperability specifications" section and the "Creating and updating solutions and SATs" sections.</p> <p>Added the instructions to consult the ELIS (European Library of Interoperability Specifications) and to consult the online documentation of the building blocks in joinup.</p>	
Version 2.2.0	
<p>Modified installation instructions for European Commission users.</p> <p>Added install instructions for European Interoperability Cartography (EIC) solution.</p>	
Version 2.1.0	
Updates for <u>upgrading</u> the CarTool for national and European Commission users.	
Version 2.0.1	
Updates for new Joinup structure.	
Version 2.0.0	
Archi 4 support	
Updates for installing Archi and the Cartool for national and European Commission users.	
Updates for Cartool 2.0.0	

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2.4 [CarTool v6.1.0 release .zip](#)

An archive containing each of the above mentioned files.

Modification	Details
Version 6.1.0.	
Files corresponding to 6.1.0 release	
Version 6.0.0	
Files corresponding to 6.0.0. release	
Version 5.0.0	
Files corresponding to 5.0.0. release	
Version 4.1.0	
Files corresponding to 4.1.0. release	
Version 4.0.0	
Files corresponding to 4.0.0. release	
Version 3.1.0	
Files corresponding to 3.1.0. release	
Version 3.0.0	
Files corresponding to 3.0.0. release	
Version 2.2.0	
Files corresponding to 2.2.0. release	
Version 2.1.0	
Files corresponding to 2.1.0 release	
Version 2.0.1	
Files corresponding to 2.0.1 release	