

# **European Interoperability Reference Architecture (EIRA©)**

Value proposition

### **EUROPEAN**

INTEROPERABILTY

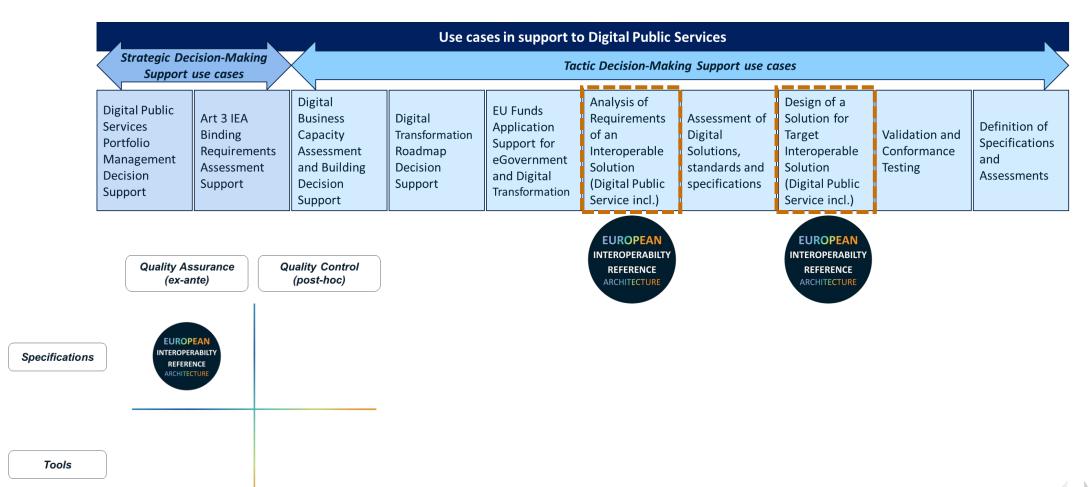
REFERENCE

ARCHITECTURE

interoperable europe

### **Value proposition –** Overview

The **European Interoperability Reference Architecture (EIRA©)** is a **quality assurance specification** that supports interoperable solutions, including Digital Public Services, in the following **use cases** of their lifecycle:



## **Value proposition** – Analysis of Requirements of an Interoperable Solution (Digital Public Service incl.) use case



Analysis of Requirements of an Interoperable Solution (Digital Public Service incl.)



### **Business need**

- How can I identify our requirements?
- How can I describe our requirements in an unambiguous way?
- How can I validate our requirements?



### **DIGIT** approach

- Applying quality assurance to robust, well-proven DIGIT specifications and solutions
- Enabling differentiation between common domain agnostic vs. domain specific requirements
- Agile progress from business principles to High-Level (H-L) requirements to traceable Detail-Level (D-L) requirements
- Technology agnostic



### Target personas



Business Analyst

#### **Benefits**



- EU regulation compliance
- Public policy alignment
- No silos
- No duplications
- Interoperability requirements
- Traceability



#### Value stream

**Identify** digital business capabilities

Identify and describe business principles

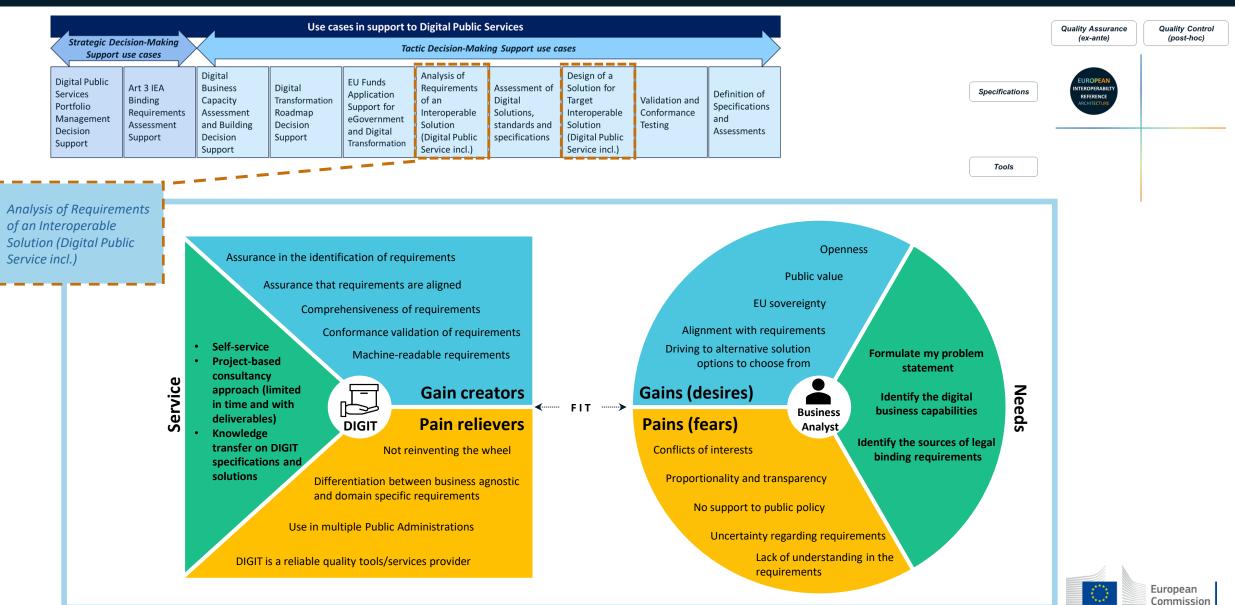
Identify and describe H-L requirements **Validate** H-L requirements

Identify and describe traceable D-L requirements

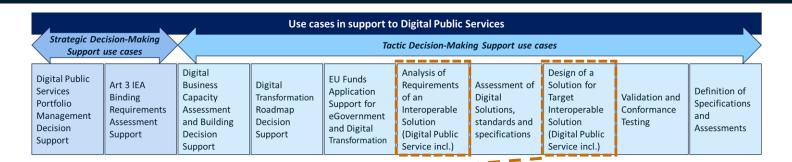
**Validate** D-L requirements



## **Value proposition of the DIGIT approach –** Analysis of Requirements of an Interoperable Solution (Digital Public Service incl.) use case



## **Value proposition** — Design of a Solution for Target Interoperable Solution (Digital Public Service incl.) use case



Design of a Solution for Target Interoperable Solution (Digital Public Service incl.)

### **Business need**

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What are the solution-specific components I should implement in my Interoperable Solution(s)?

### Q

### **DIGIT approach**

EIRA©, by building eGovERA© Foundation, can be used as a model to drive the design of a target digital public service (one or multiple in a specific policy area).



### Target personas



Business Analyst



Solution/Enterprise Architect

#### **Benefits**



- Specific solution realising the reference model and detailed requirements
- Specifications traced back to the requirements



#### Value stream

**Select** eGovERA© models, depending on policy area(s) and/or if business agnostic **Use** existing D-L Solution Architecture Templates (SATs) to identify the solution's D-L requirements Select Solution Building Blocks (SBBs) to address D-L requirements **Define** a solution's specific architecture



**Quality Control** 

(post-hoc)

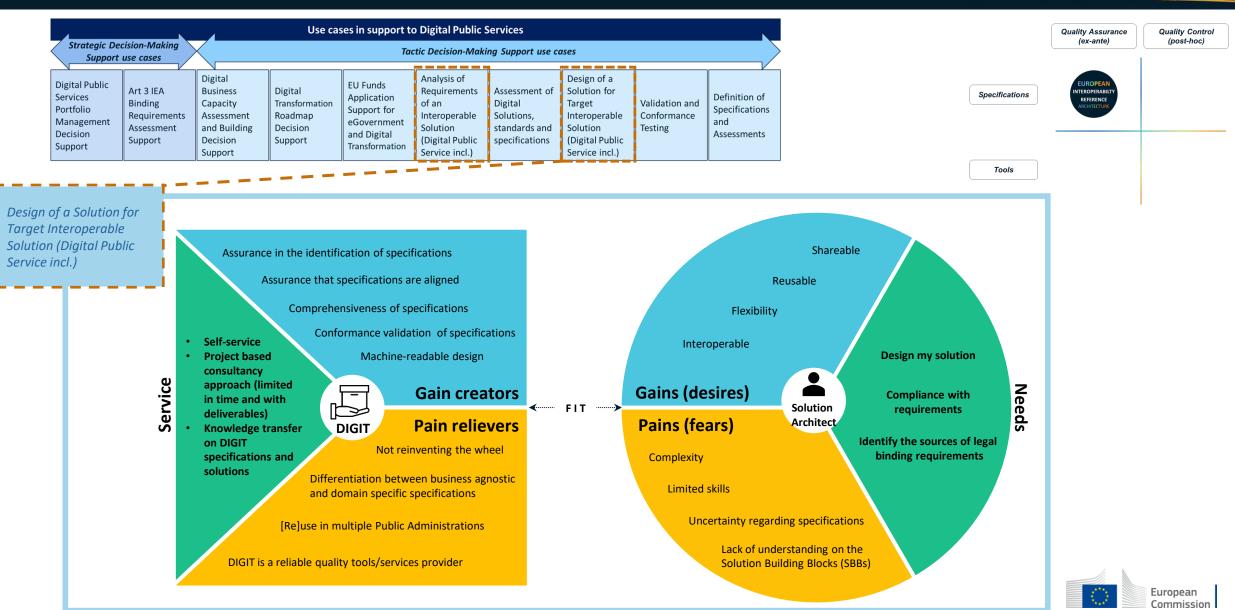


Tools

Specifications



## **Value proposition of the DIGIT approach** – Design of a Solution for Target Interoperable Solution (Digital Public Service incl.) use case







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