

— **Future-proof  
technologies for  
secure digital  
societies.**

# Digital Government Interoperability Platform Reference Architecture

Taavi Toomere  
Sujani Kamalanathan

Margus Freudenthal  
Sandhra-Mirella Valdma Keegan McBride

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# Digital Government Interoperability Platform Reference Architecture

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Subtitle when needed

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# Headline

## **Inter Semibold 18pt**

Inter Regular 18pt: Maximum length 1000 characters with spaces

Interoperability is a core component for any successful governmental digitalization initiative. Though there are numerous ways to build and enable this interoperability, it is possible to identify commonly occurring building blocks. This short report identifies these building blocks, maps them to relevant and common policy goals, and presents a reference architecture model for a digital government interoperability platform. To identify the relevant components of this architecture, desk research was conducted to identify common policy goals associated with interoperability, a workshop was conducted and a comprehensive systematic and comparative study was conducted that analyzed digital government interoperability platforms in twenty countries. The results of this report represent one of the most comprehensive studies to date on digital government interoperability and should, therefore, be of high interest for governmental practitioners.

# Headline and image

## **Inter Regular 18pt:**

Maximum length 700 characters with spaces

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## Headline and image

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Maximum length 700 characters with spaces

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## 2 boxes layout



Established in **1997**



Architects of the  
**e-Estonia ecosystem**

## 4 boxes layout



Established  
in **1997**



Roots in  
academia  
**since 1960**



**170**  
employees  
(10% PhD)



Architects  
of the  
**e-Estonia  
ecosystem**

## 5 boxes layout



Established  
in **1997**



Roots in  
academia  
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Architects  
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ecosystem**



Architects  
of the  
**e-Estonia  
ecosystem**

# SmartArt

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**Step 1** Platform tools

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**Step 2** Platform Regulation

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**Step 3** Physical and Technology Infrastructure

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**Step 4** End-User Tools

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**Step 5** Business logic

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**Step 6**

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**Step 7**

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**Step 8**

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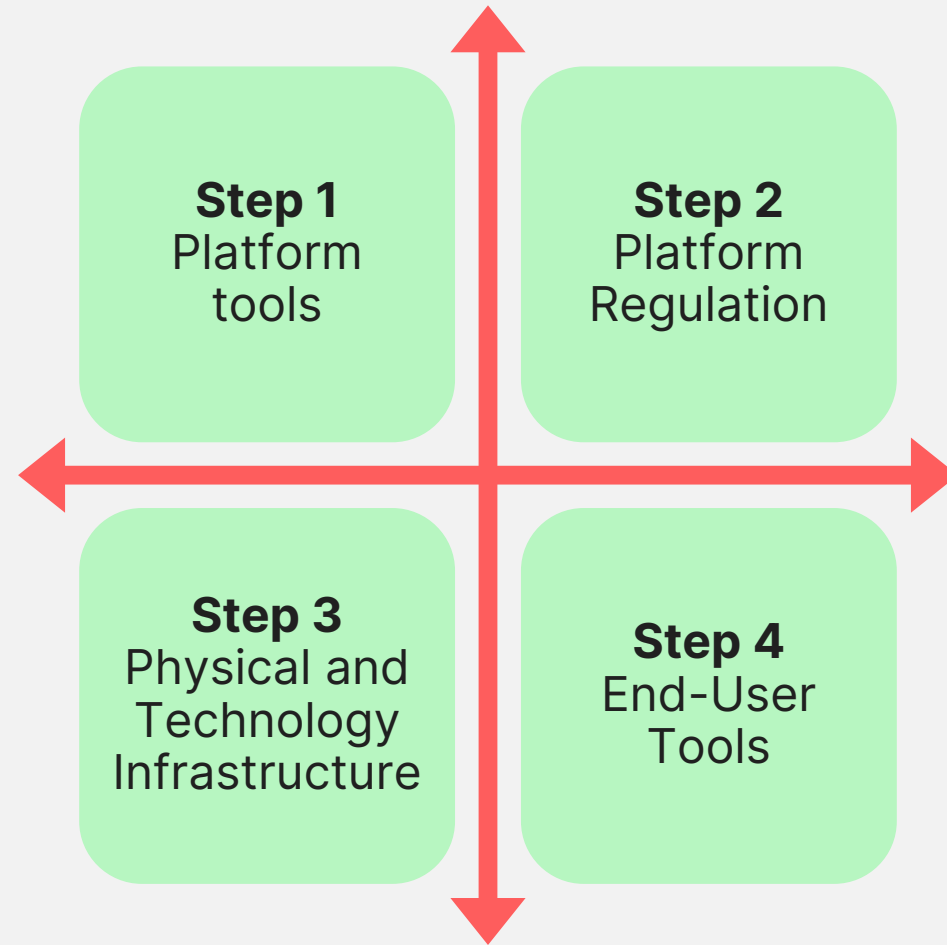
**Step 9**

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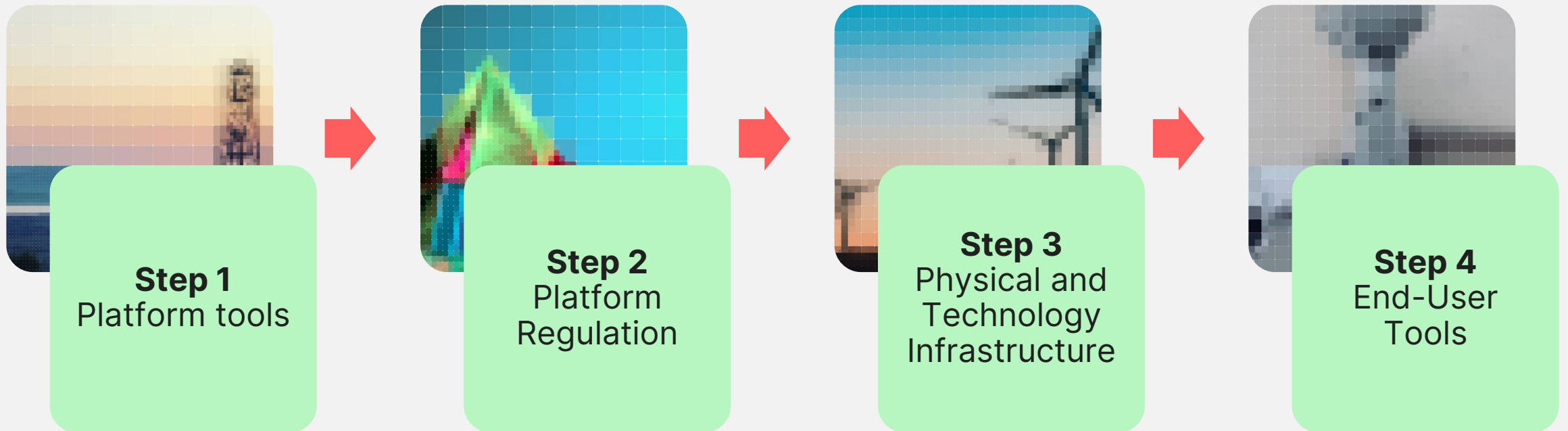
# SmartArt



# SmartArt



# SmartArt



# SmartArt

**Step 1**  
Platform tools

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tools

**Step 2**  
Regulation

**Step 3**  
Physical and  
Technology  
Infrastructure

**Step 4**  
End-User Tools

“Cybernetica has been a leader in its sector and has demonstrated its ability to transform the Estonian state initially and then to support other territories in managing the digitalisation of public and private services.”

H2 Quote author

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“Cybernetica has been a leader in its sector and has demonstrated its ability to transform the Estonian state initially and then to support other territories in managing the digitalisation of public and private services.”



Body: Quote author  
Profession  
Company

# Thank You!

Taavi Toomere  
Sujani Kamalanathan

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# Thank You!

Taavi Toomere  
Sujani Kamalanathan



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# Typography rules

**H1: Inter  
Semibold 54pt**

**H2: Inter Semibold 32pt**

**Body+: Inter Regular 24pt**

**Body+ Bold: Inter Semibold 24pt**

**Body: Inter Regular 18pt**

**Body Bold: Inter Semibold 18pt**

**Small for charts: Inter Regular 12pt**

**Small Bold for charts: Inter Semibold 12pt**

Inter Regular 18pt bullets

- Bullet level 1
- Bullet level 1
  - Bullet level 2
    - Bullet level 3
      - Bullet level 4

Inter Regular 18pt numbers

1. Numbered level 1
2. Numbered level 1
  - a. Numbered level 2
    - i. Numbered level 3
    - ii. Numbered level 3