



*Legislative Strategies to Strengthen  
Digital Identity Governance*

# Interoperability & Digital Identity

August 30, 2024

**GUSTAVO  
GIORGETTI**

# Where we are:



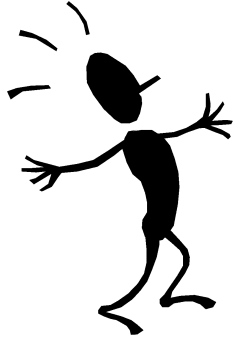
## The Government

Lives on its own island

Makes costly and inefficient changes

The "One-Stop Shop" is an unattainable dream

# *Obligations for citizens established by bureaucracy*



*Public  
space*

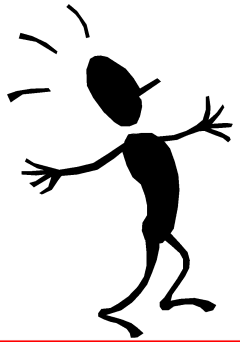
*The black hole  
of bureaucracy*

**A black hole for  
CITIZENS/INDIVIDUALS/  
CLIENTS**



**PUBLIC AND  
PRIVATE  
ORGANIZATIONS**

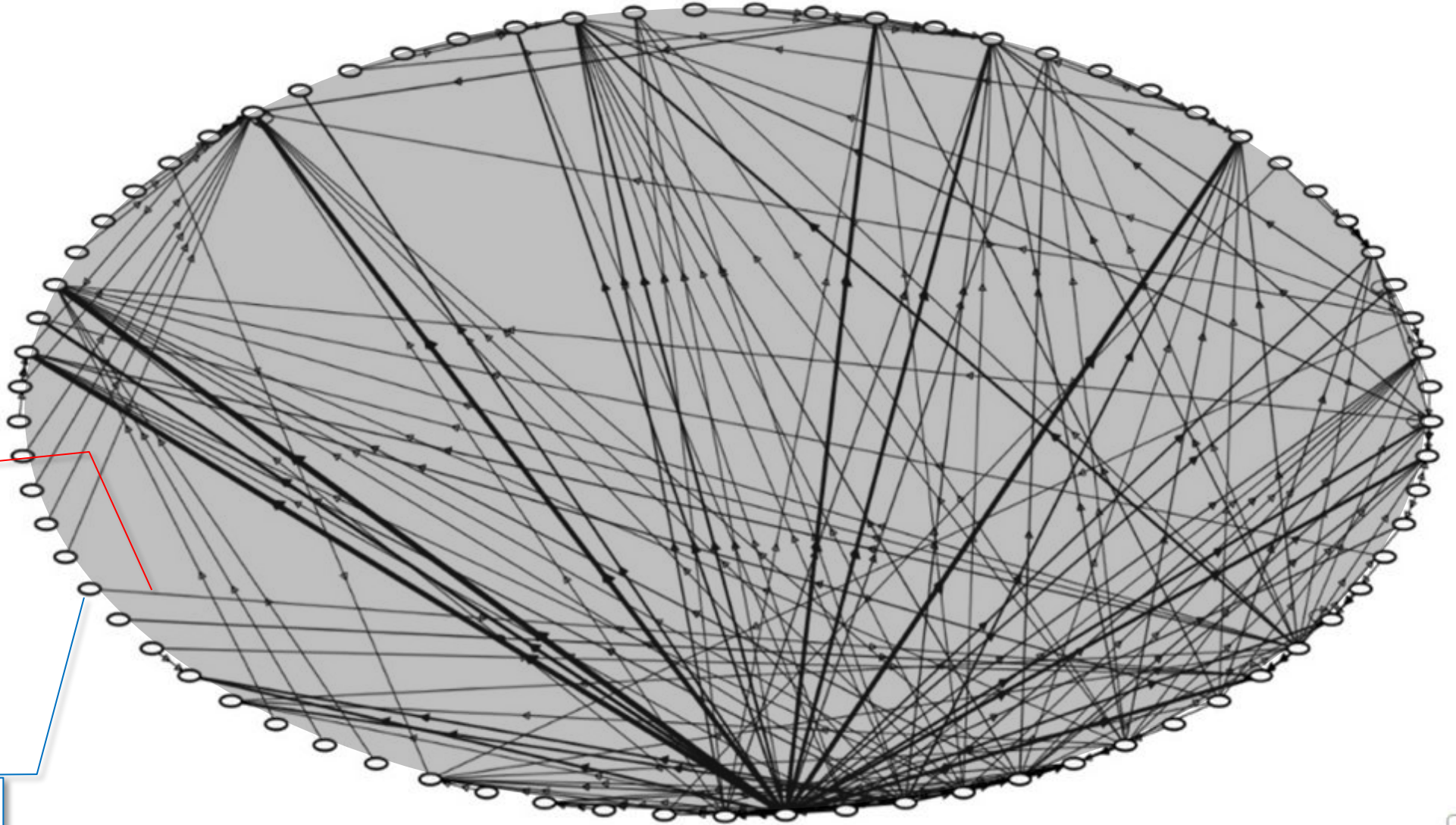
# *Interaction Needs*



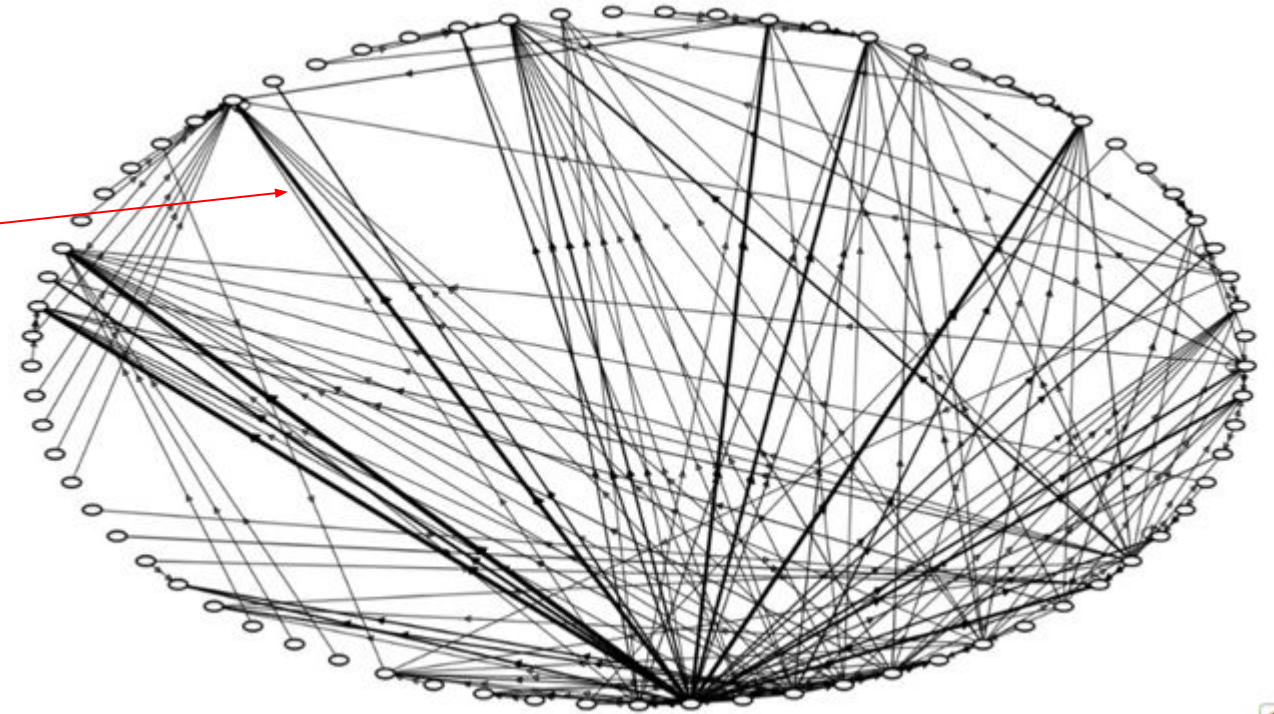
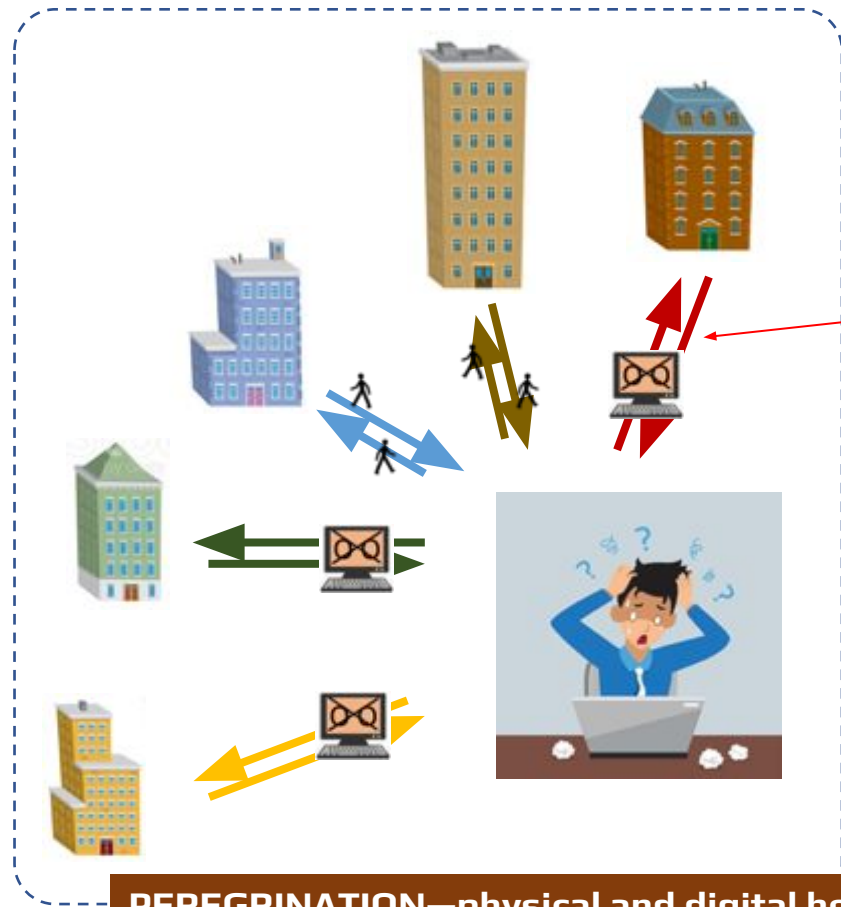
**The footprints of  
CITIZENS/CLIENTS**



**PUBLIC AND PRIVATE  
ORGANIZATIONS**



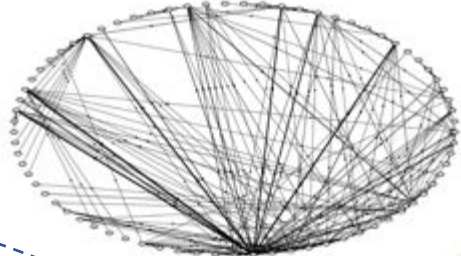
# Interoperability is the citizen



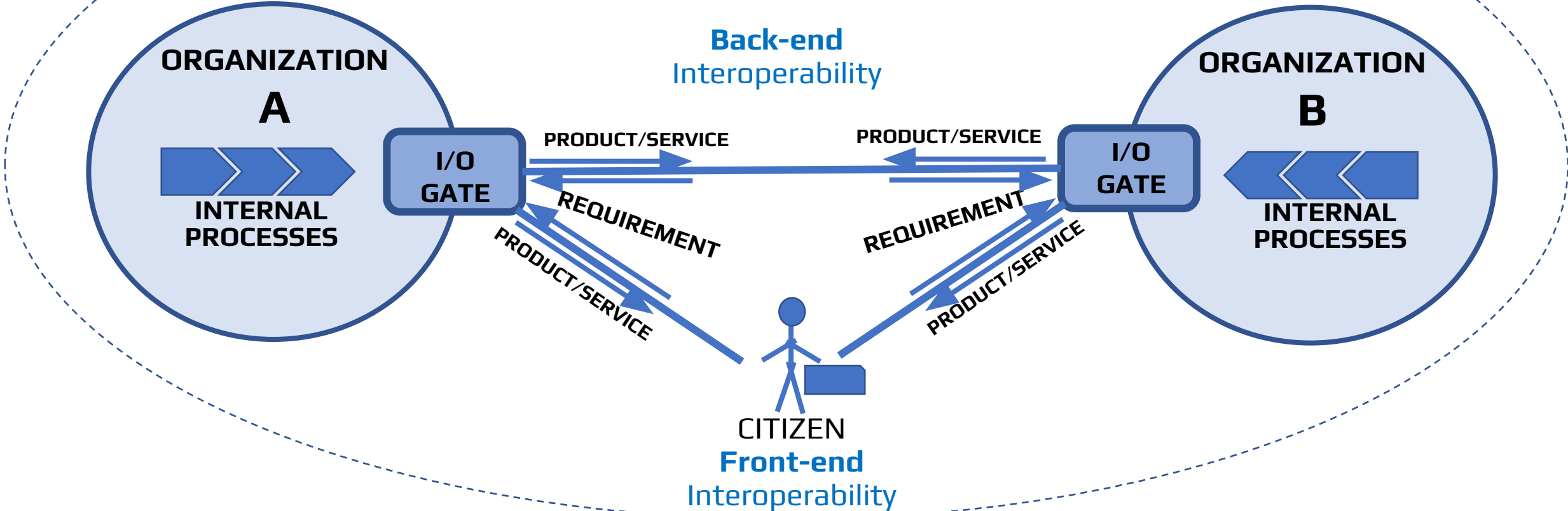
PEREGRINATION—physical and digital heterogeneous

**Digital Distancing**

# Structure of Needs

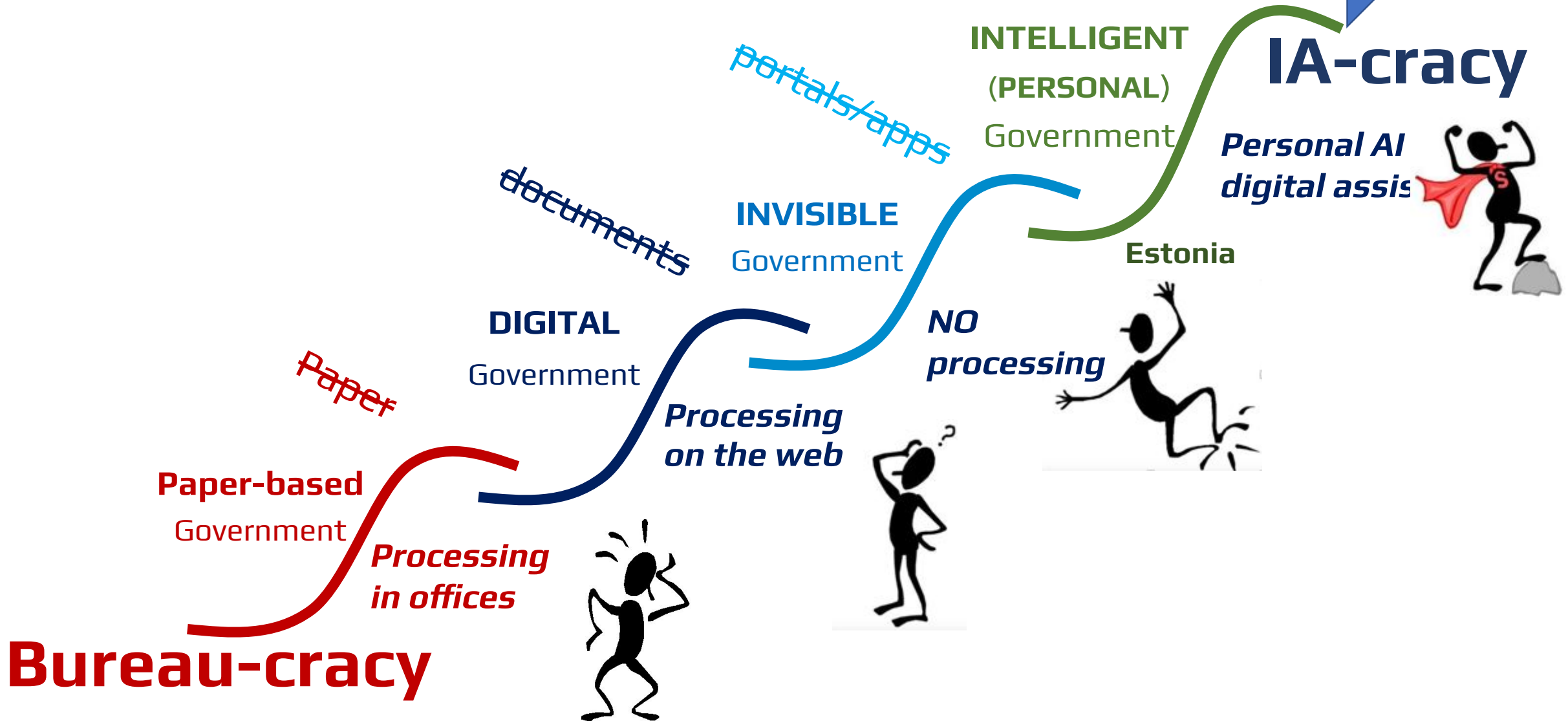


# ECOSYSTEM



# Evolution of Paradigms

Technology changes the context in which we live and alters meanings



# Digital security in Estonia



## Confidentiality

ID-card & Mobile-ID  
Smart ID, e-Residency

- Citizens/Individuals
- Systems
- PKI, SSI

## Availability

X-ROAD

- Authentic sources
- IoT
- AI
- ...

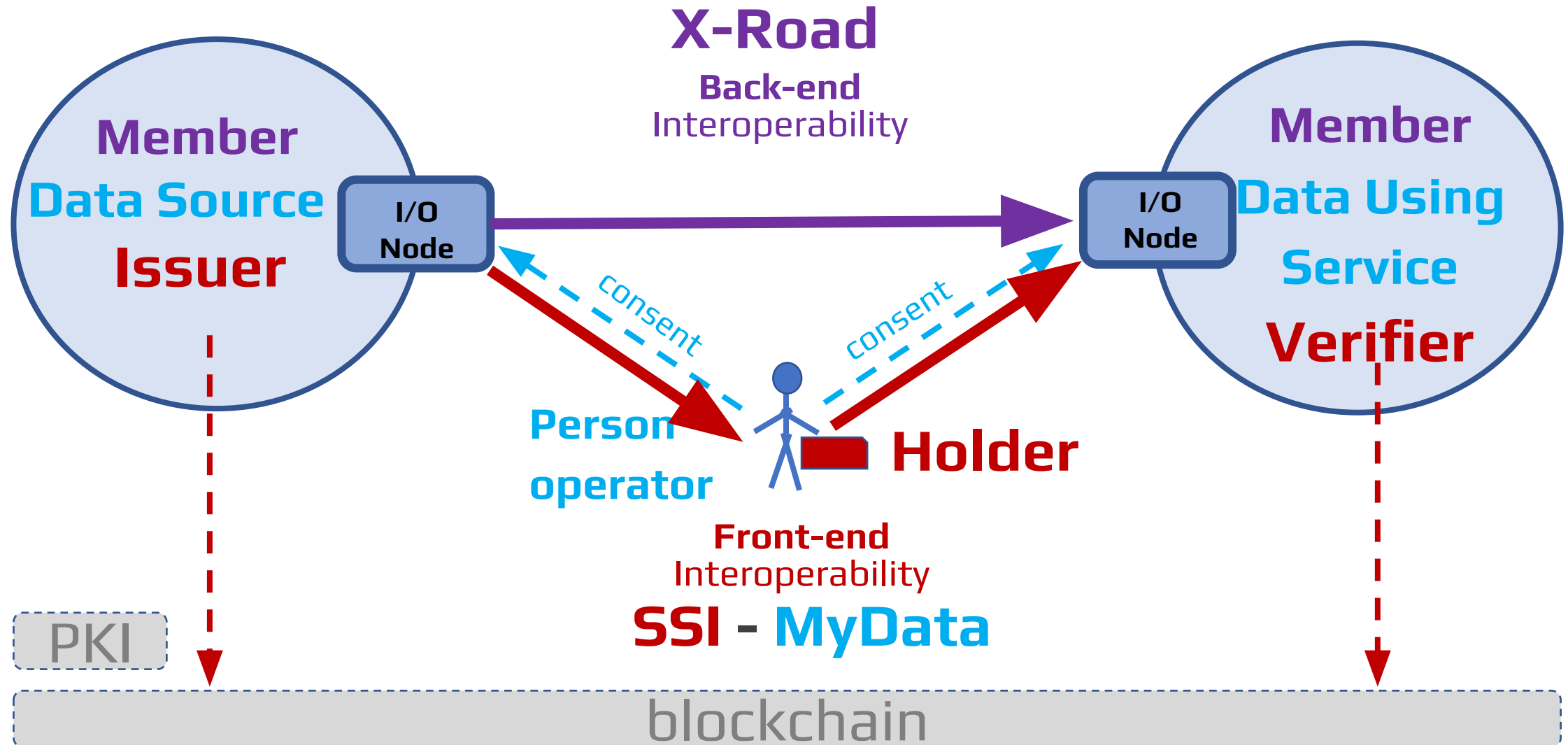
## Integrity

KSI Blockchain

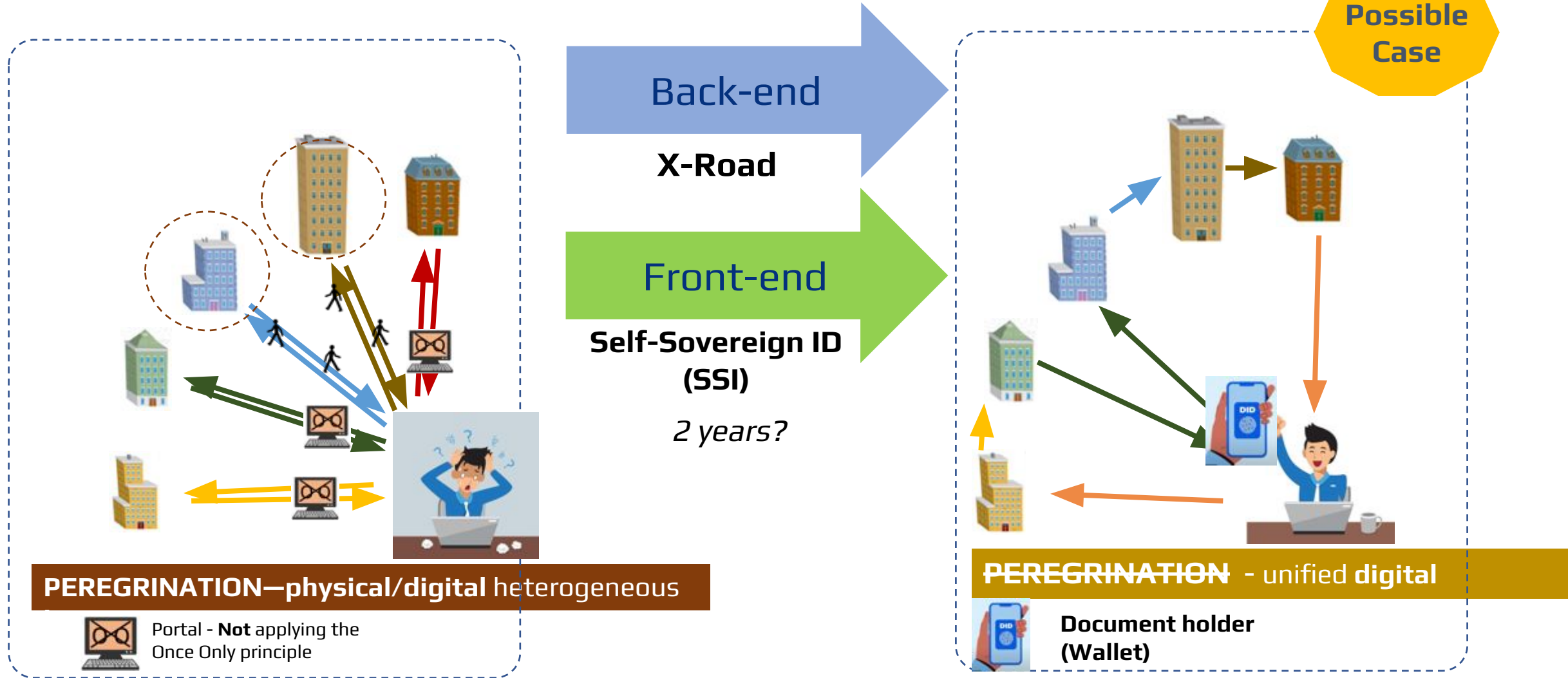
- Anti-hacking
  - External
  - Internal



# Actors of the ECOSYSTEM and their roles



# Interoperability of Government X-Road (back-end) + Interoperability of Decentralized Citizen ID (front-end)



# Every PUBLIC SPACE needs RULES for COEXISTENCE

## PHYSICAL URBANISM (space)

- **Territory (space)** →  
Private and shared public space
- **Urban Codes** →  
Rules for moving about and interacting in public space
- **Public Services** →  
Water, electricity, gas, security, transport, etc.

## DIGITAL URBANISM (data)

- **Data** accessible from Authentic Sources, private and public data
- **Rules for sharing, auditing, and reusing DATA**
- **Digital Public Services**  
Digital Identity, security, registry data, audits, etc.

# THE SOLUTION = DIGITAL URBANISM

A **Government** that is **INVISIBLE** (doesn't intrude), **PERSONALIZED** (sensitive to individual differences), and **PROACTIVE** (knows what the citizen needs and provides it)

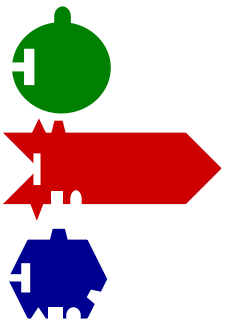
This is how we can implement **DIGITAL URBANISM**, where:

- **Data sovereignty** for all participants is non-negotiable.
- **Digital trust** between peers is cryptographically secured.
- **Rules of coexistence** emerge from participatory governance.



Working in public and common space, guided by principles:

- **Once Only:** Data is requested from the citizen/client only once.
- **Proactive processes:** Action without waiting for citizens' requests.
- **Open Interface:** Other developers can freely combine services.



*DIGITAL URBANISM >= the end of bureaucracy problems*



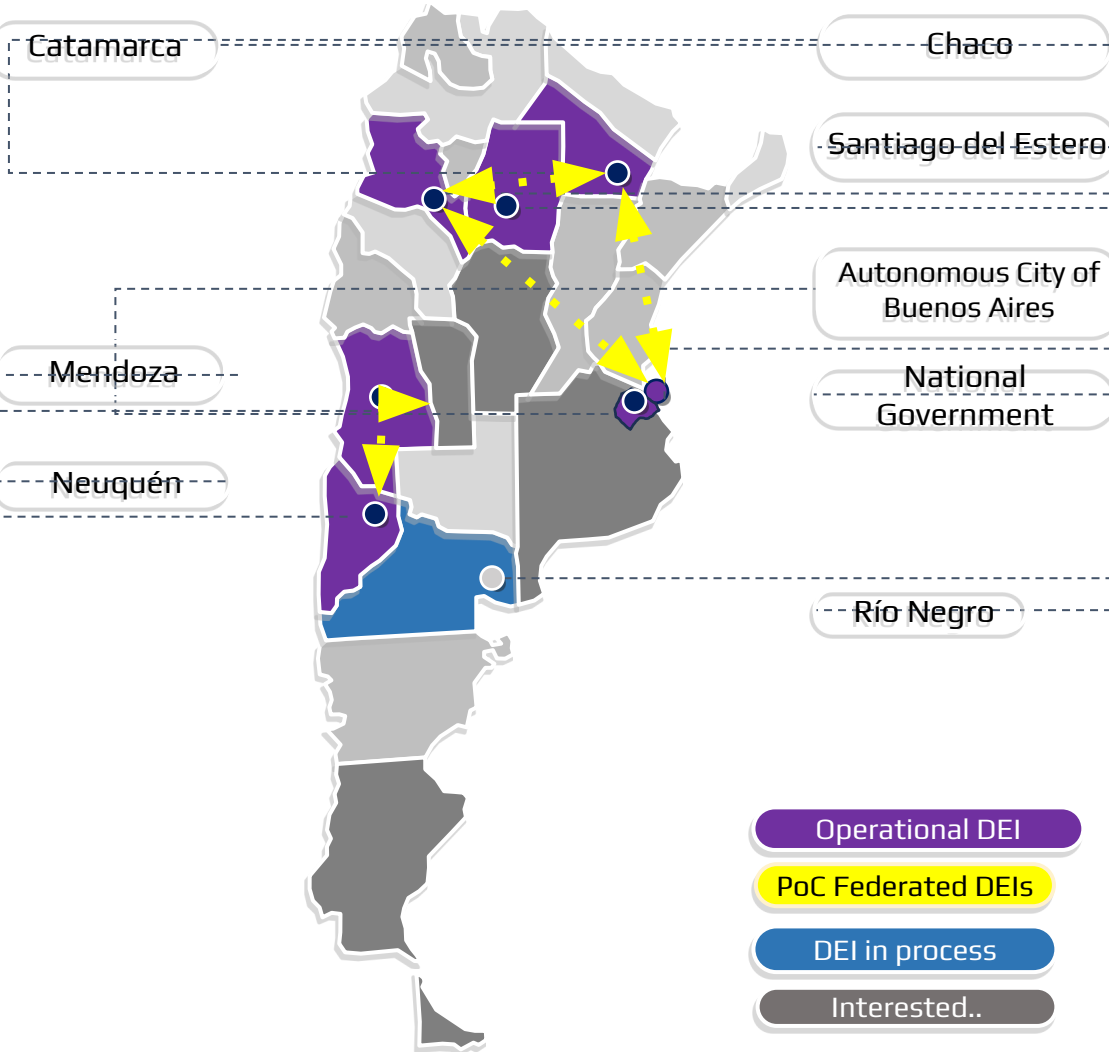
# Digital Ecosystem of Interoperability (DEI) - Federal

August 2024 - progress status



Instituto Argentino de Normalización y Certificación

**Norm IRAM 17610-1EDI**  
**Approved in April 2023**



Federal Deployment of the DEI		
2010	NEUQUÉN	<a href="#">Law 3290/21</a>
2021	CHACO	<a href="#">Decree 2760/21</a>
2021	CATAMARCA	<a href="#">Ley 5763/22</a>
2022	CABA	<a href="#">Law 5763/22</a>
2022	NACIÓN	<a href="#">Agreement between Nation and Chaco</a>
2023	MENDOZA	Bill in legislative process
2023	SANTIAGO	<a href="#">Decree 2543/23</a>
2024	RÍO NEGRO	<a href="#">Bill N° 155/2024</a>
	...	
Sectoral DEI		
2024	UNIVERSITY	UNCuyo – SIU , BIOMA
2024	DEI-RIL	Municipalities without provincial DEI



What do we need to promote **secure, transparent, and inclusive digital public spaces**?

1. **Digital identity for People and Systems**
2. **Diversity of Interoperability**
3. **Decentralized Operation**
4. **Technical and legal standards**
5. **Collective governance**



*Part of a dialogue series organized by  
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**Thank you!**

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