



X-VIA

The **PIONEER** of eGov in Brazil

We are **X-VIA**



X-VIA

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"Integrating the **government**
and bringing in the **citizen**"

Challenge: Extension

- Estonia is approximately **45,228 km²**, while Brazil is approximately **8,515,770 km²**, making Brazil **18,729%** larger than Estonia.
- The population of Estonia is ~1.2 million people (**216.0 million more people live in Brazil**).

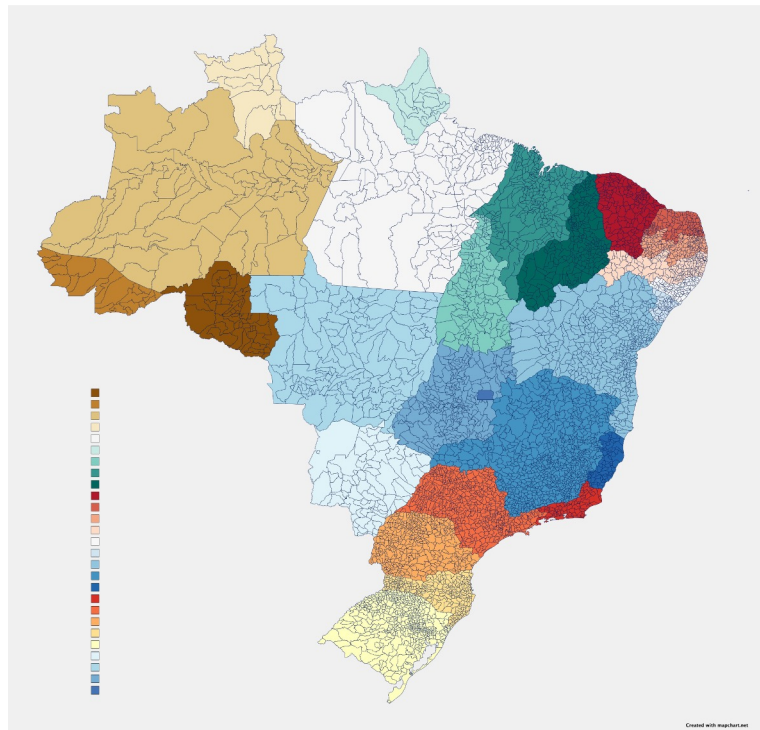


ESTÔNIA

Challenge: Subdivision

- Brazil is divided into 27 federative units: 26 states and 1 federal district

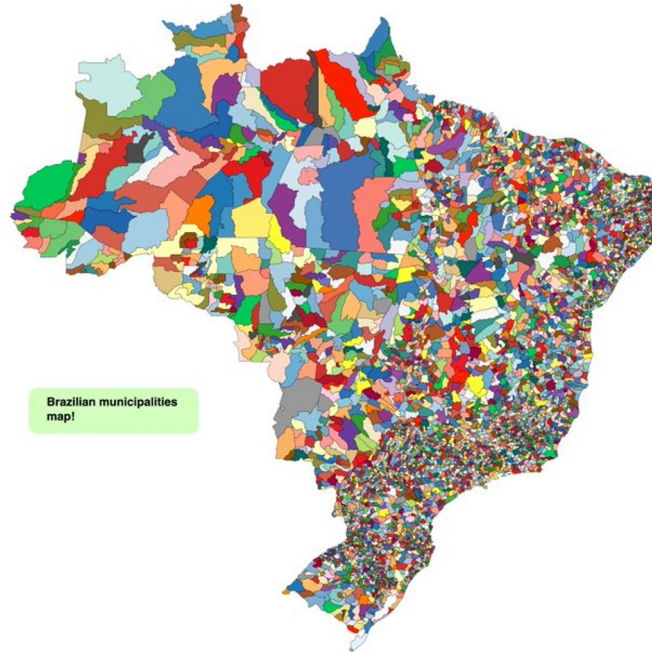
3 LEVELS of Government



- 1 FEDERAL GOVERNMENT
- 27 STATES
- 5568 municipalities

Challenge: Subdivision = 5568 municipalities

- The lowest level of political division of Brazil are the municipalities, which also enjoy political and economical autonomy.
- There are over **5500 municipalities** in Brazil
- The federative pact



Brazilian municipalities map!

Creating a generic solution for such a complex environment is a **really difficult job...**

Our Solution: **Limit the scope**



**State of
MATO
GROSSO**

Decentralized registries



Tax
Department



Debts



Transit
Department



Vehicles



Education
Department



Students

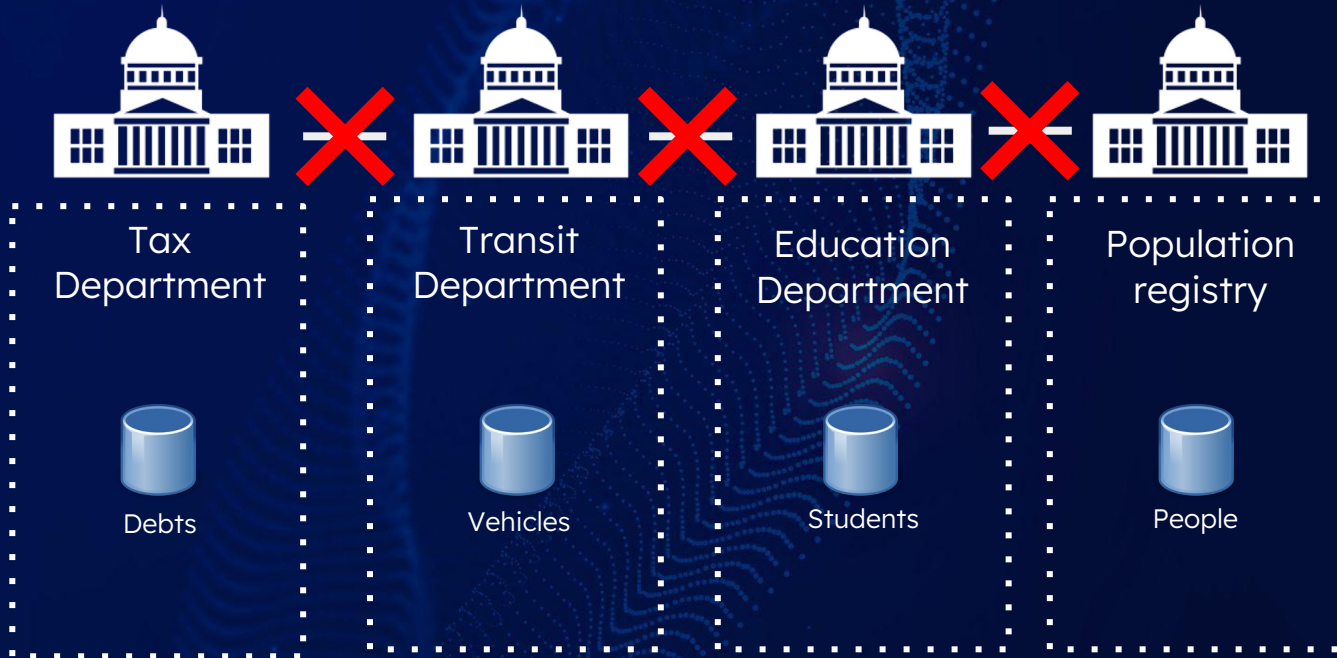


Population
registry

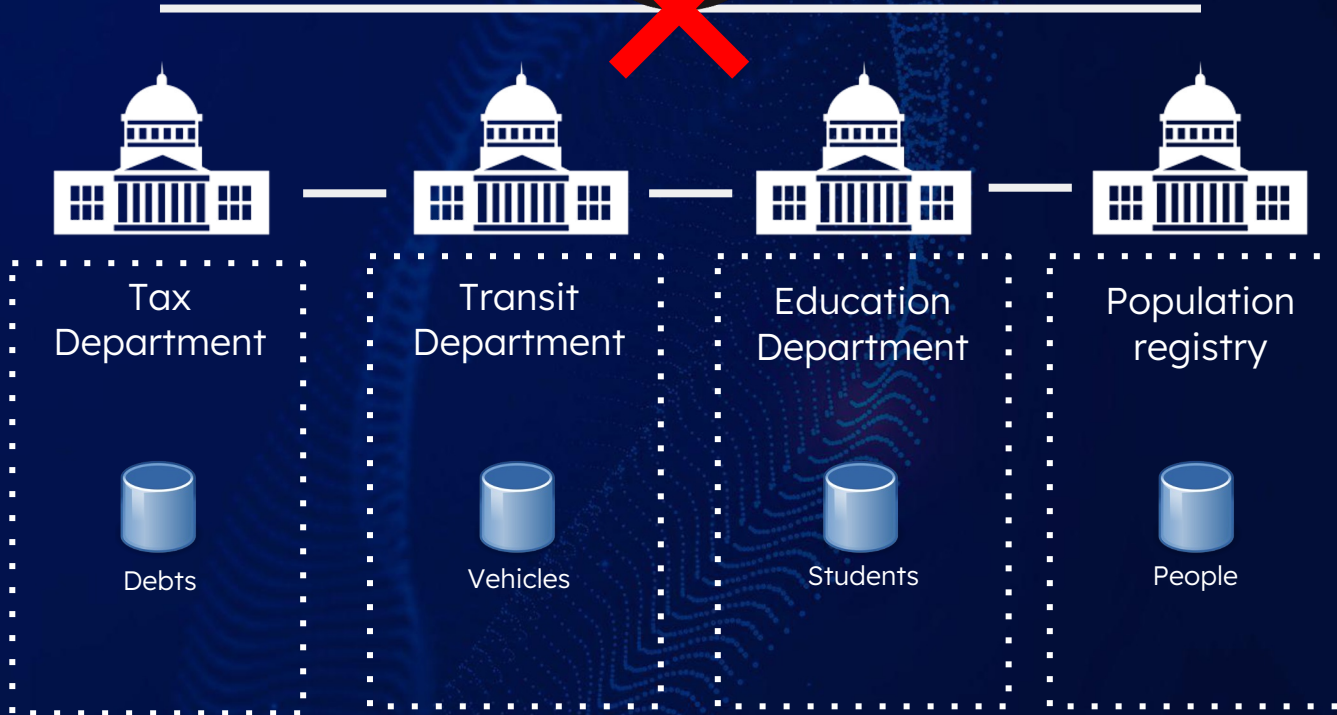


People

No Trust



No Trust





X-VIA

Public and Private Partnership



- Law 13.303/2016
- Build a digital government platform that could be replicated to other states



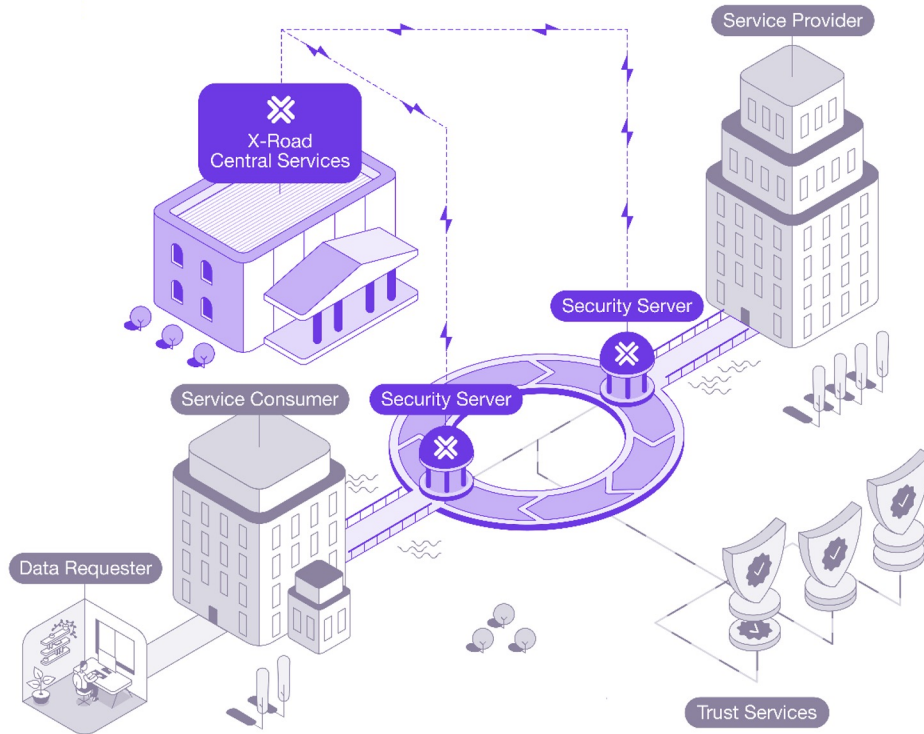
X-ROAD® TECHNOLOGY PARTNERS

+



STATE OF MATO GROSSO

X-Road: Interoperability



Interoperability



Tax
Department

Transit
Department

Education
Department

Population
registry



Debts



Vehicles



Students



People



Unified Portal



Tax
Department

Transit
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Education
Department

Population
registry



Debts



Vehicles

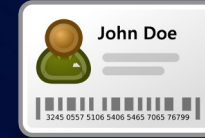


Students



People

SSO Digital Identity



Tax
Department

Transit
Department

Education
Department

Population
registry



Debts



Vehicles



Students



People






SOCRATES FARIAS DE BARROS

CPF: *****134


Validações de dados


 Validação no Detran

 Validação na SESP





Selos de confiabilidade (Gov.br)

 Cadastro Básico

 Validação no INSS

 Validação na previdência

Meus Veículos

	FIAT IMP UNO MILLE SX Licenciamento 2013	Placa	Débitos 4 Multas 0
	CHEVROLET ONIX 1.4MT LTZ Licenciamento 2020	Placa	Débitos 0 Multas 0
	IMMC PAJERO HPE 3.2 D Licenciamento 2020	Placa	Débitos 0 Multas 0
	HONDA CBR 500R	Placa QCK1E27	Débitos 0



How can **different departments**
work **together** with harmony in a
unified portal

Now

Monthly visits

1,512,403

Total auto-services

92

Total population

3.2 million

Total visits*

49,909,283

2024 Estimation

Monthly visits

8,893,587

Total auto-services

541

Total population

3.2 million

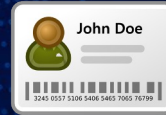
Total visits in a year*

106 million

Microservices issues

N





X-Via Backstage



Tax Department

Transit Department

Education Department

Population registry



Debts



Vehicles



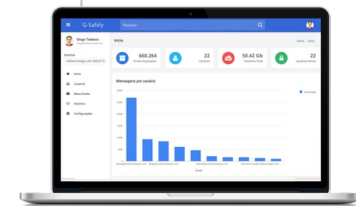
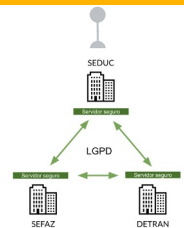
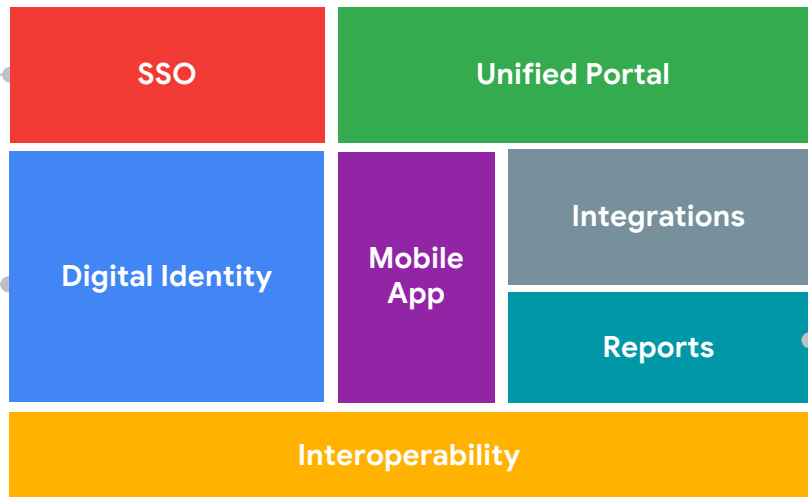
Students



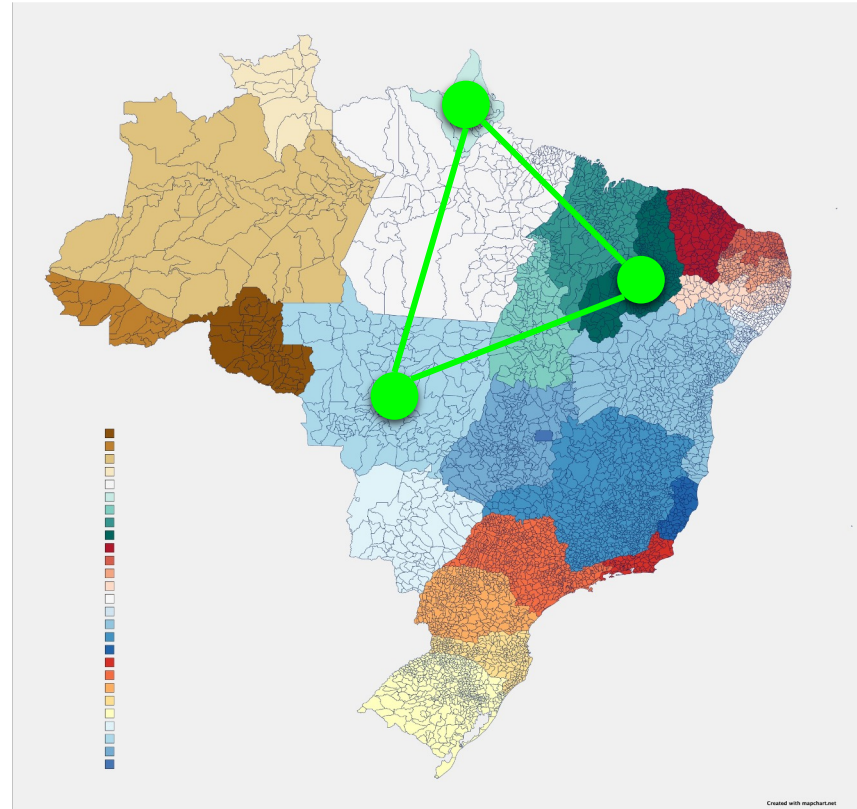
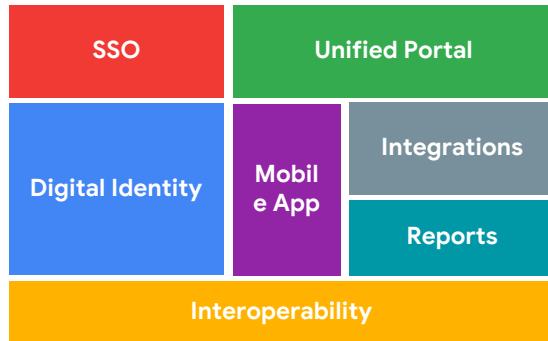
People



The X-VIA Platform



X-Road Federation





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O governo do Piauí lança novos serviços online

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Acesso rápido

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ULTAR CNH ÇÃO DA PRIMEIRA ARTEIRA NACIONAL...	CONSULTAR CONTRACHEQUE TESTE	RENOVAÇÃO DE CNH LOREM IPSUM IS SIMPLY DUMMY TEXT OF THE...	EMISSÃO DA GUIA DO IPVA AAAA
			SOLIC BENEF PENS É A CONG POR MOF



Collect **learnings** and experiences



Technology is one challenge
but the **cultural change**
is more important



You **don't need to repeat** the same
mistake others have



Thank you