X-ROAD

FOR THE INCREASED
VIABILITY AND EFFICIENCY
OF YOUR ECOSYSTEM

X-ROAD

FOR THE INCREASED
VIABILITY AND EFFICIENCY
OF YOUR ECOSYSTEM

GOFORE

WHAT IS X-ROAD?

X-Road is an open source data exchange mechanism that enables reliable and secure data exchange between different information systems over the Internet. As a highly interoperable and centrally managed distributed data exchange layer, it provides a standardized and structured way to integrate different types of information systems, and to produce and consume services.

X-Road is comprehensively used as a national data exchange layer in Estonia and Finland, and its potential is being studied in several countries around the world.

X-Road is released under the MIT open source license and is available free of charge for any individual or organization.

THE BENEFITS

Provides a clear, easy, uniform and
cost-effective integration for digital services.

Reliable: Different parties using X-Road can
be sure of each other's identity.

Secure: The confidentiality of information is never
compromised, and any tampering of data is
immediately detected.

The deployment and the creation of Proof of Concept solutions are quick.

Well-Supported: We provide professional support and trainings to X-Road users.

Tried and tested: It is currently in production use in Finland and Estonia, and Iceland is about to follow suit. In addition, several trials are carried out.

BUILD A DIGITAL SOCIETY WITH US!

Together with yourselves, we will create the digital society vision that you can achieve! We will follow the vision to define, design, develop and deploy a dedicated e-governance solution for you.

We are agile and embrace iterative approach, allowing you to respond to the changing environment with working solutions as fast as possible!

We are platform independent and therefore can give you the best advice based on solutions you already use, not based on our own products. We help you create or integrate!
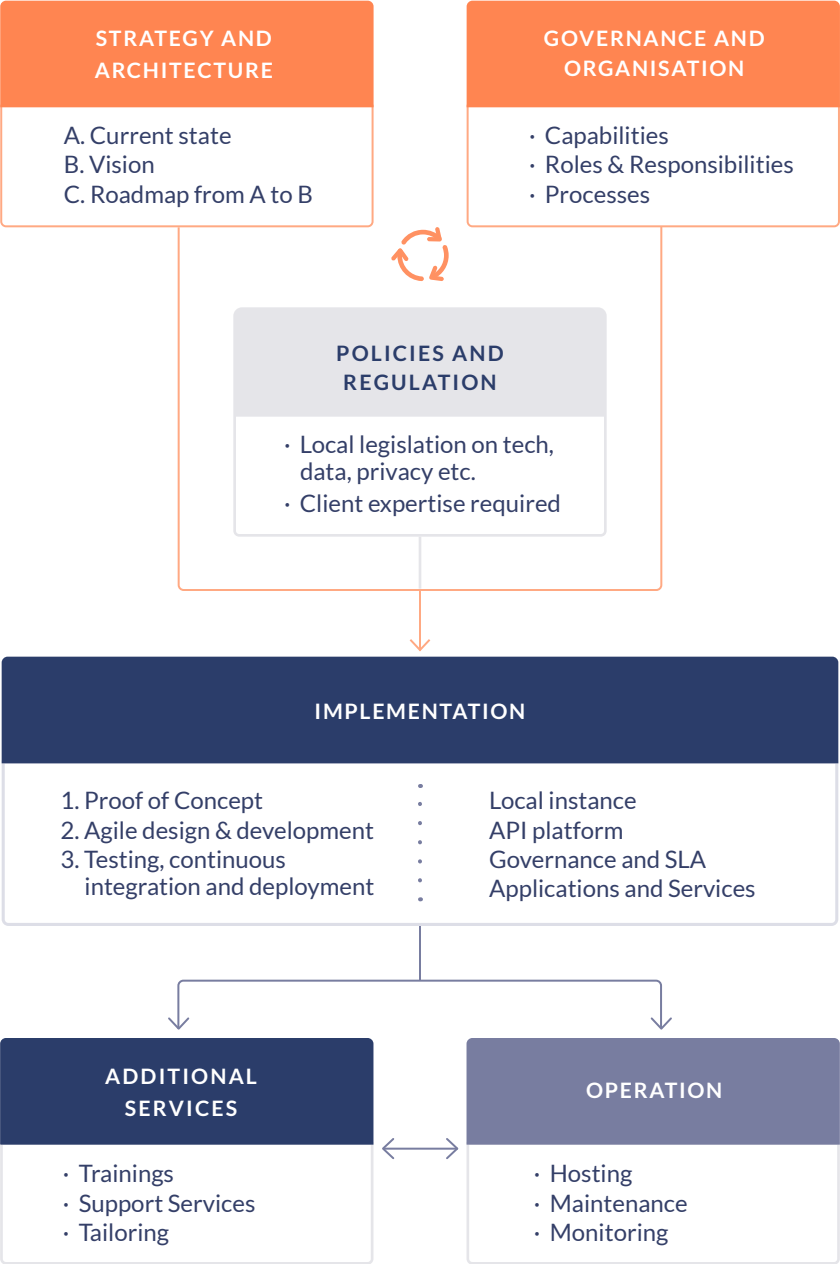
We prefer licence free, open source solutions that will not lock you to any specific supplier (including ourselves).

We have a vast experience on open source data exchange platform X-Road on all its layers:

- development of platform core
- instance implementation and organizational design
- service and application development.

We are financially stable. Our operations are international. We have sufficient resources and relevant networks. We can scale according to your needs.

STRATEGY AND ARCHITECTURE

- A. Current state
- B. Vision
- C. Roadmap from A to B

GOVERNANCE AND ORGANISATION

- · Capabilities
- · Roles & Responsibilities
- · Processes

POLICIES AND REGULATION

- · Local legislation on tech, data, privacy etc.
- · Client expertise required

IMPLEMENTATION

- 1. Proof of Concept
- 2. Agile design & development
- 3. Testing, continuous integration and deployment

- · Local instance
- · API platform
- · Governance and SLA
- · Applications and Services

ADDITIONAL SERVICES

- · Trainings
- · Support Services
- · Tailoring

OPERATION

- · Hosting
- · Maintenance
- · Monitoring

WHAT
WE
OFFER

STRATEGY AND ARCHITECTURE

OBJECTIVE

The e-Governance strategy and architecture consulting will define your service ecosystem.

This phase provides you a comprehensive understanding of WHY-WHAT-HOW and with WHOM to carry out the transformation.

CONTENT

- An objective analysis of the ecosystem and its requirements
- Facilitation and support of the ecosystem strategy development
- Support of the ecosystem architecture methodology development
- Design and development of the ecosystem architecture together with the stakeholder mapping for successful implementation
- Ecosystem policy definition

The content can be extended to more detailed technology options.

A ROADMAP TO DIGITAL SOCIETY

OBJECTIVE

The roadmap aims at finding the maturity level of different parts of the ecosystem. The goal is to create a model that shows how an API ecosystem and a governed data exchange layer improve the society, while addressing the cultural peculiarities and taboos that might work against it.

CONTENT

After a thorough analysis of the existing legacy (infrastructure, technology, data management, legislation, societal challenges), a report will be created covering:

- The relevant aspects to building a data exchange and API platform,
- A roadmap towards a higher data exchange maturity,
- A description of the required resources for improving and managing the ecosystem,
- A proposal of first set of services to be implemented to gain quick wins.

X-ROAD IMPLEMENTATION

OBJECTIVE

Through the implementation of X-Road, you will claim the ownership of your data exchange and API platform. You will define the rules for how the platform must work and start building your API ecosystem. At the end, you will have an installed and configured solution for your maintained data exchange platform, including client-controlled trust services, which ensure the security of data transactions and provide a capability to include new services onto the platform.

CONTENT

- Setting up operator components

- Defining the operational level requirements (SLA and information security)
- Establishing procedures for joining and maintaining the platform
- Compiling and adjusting the terms of use for country-specific needs
- Configuration and setup of SLA for the operator services to ensure the health and uptime of the platform
- Configuration and setup of SLA for the operator services to ensure the health and uptime of the platform
- Pilot APIs reconfigured for the national data exchange platform
- Support for creating additional services

SERVICE AND APPLICATION DEVELOPMENT

OBJECTIVE

The aim is to define, design, implement and test services that utilize X-Road as a data exchange mechanism and provide valuable services and applications for the citizens and civil servants.

CONTENT

- The analysis of service models
- Service strategy development
- Service design
- Service architecture blueprint and policy development
- Design and implementation of identified applications
- Project portfolio management
- Impact analysis

ADDITIONAL SERVICES

DEPLOYMENT AND CUSTOMER SPECIFIC TAILORING

- A requirement analysis for customer specific deployment changes
- A cost analysis for identified alterations
- An interoperability study for the alterations
- The design and implementation of identified and agreed upon deployment specific changes

TRAINING SERVICES

- Hands-on training for X-Road administrators
- Hands-on training for X-Road service developers

All training is carried out by specialists involved in the development of the core X-Road Software branch

SUPPORT SERVICES

- Standardized support and maintenance for X-Road
- Agreed-upon SLA levels
- Pre-defined service packages and operational processes

BUILD A DIGITAL SOCIETY WITH US!

X - R O A D

GOFORE

GOFORE

Gofore Plc is an internationally growing digitalisation expert. We have over 500 employees across Finland, Germany, Spain, the United Kingdom and Estonia — top experts in our industry who are our company's heart and brain.

We provide consultancy, design and software development services to incite positive change. We care for our people, our customers, and the world around us. Our values are to be a great workplace and thrive on our customers' success.

We develop an intelligent and human-oriented society. Together with our customers we build ethically sustainable solutions and more open public environment. We help society to take advantage of the opportunities on technology advancements and support public and private organizations to adapt into this ever-accelerating change.

WWW.GOFORE.COM

ROKSNET

Since 2016 Roksnet Solutions OÜ has been the centre of excellence for the digital governance in Estonia and Finland.

Our team of specialists have gained their expertise from building, operating and supporting digital governance solutions since 2002 in several countries, including Estonia, Finland, and countries in the Caribbean, Central Asia and the Americas.

We work on all related domains of governed ICT (digital single window, identity and electronic identity, data management and trust services), with our special focus on secure API ecosystem following the X-Road Framework and its principles.

We do not develop or deploy technology – we help our clients to govern ICT.

WWW.ROKSNET.COM