



# D4D

Lithuanian digitalization solutions and digital transformation

2026



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# Lithuania's Standing in International Benchmarks

## Lithuania ranking in the Global Innovation Index 2025<sup>1</sup>



### Highest Rankings

Lithuania ranks highest in Institutions (19th), Infrastructure (29th), Market sophistication (32nd) and Knowledge and technology outputs (33rd).

## Digital Decade 2024: eGovernment Benchmark<sup>2</sup>

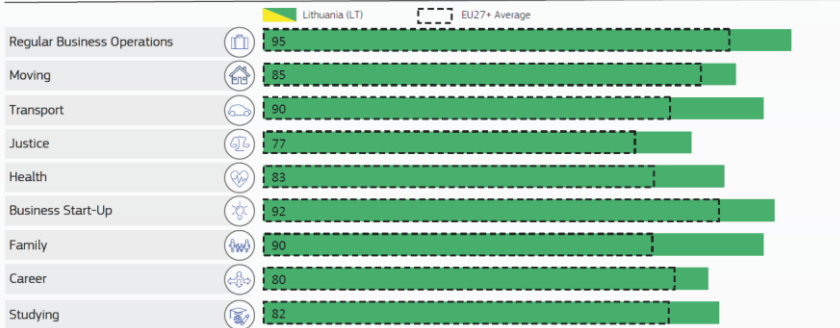
eGovernment Benchmark 2024 Factsheets

### Lithuania

#### eGovernment Benchmark 2024



#### Digital Performance per Life Event



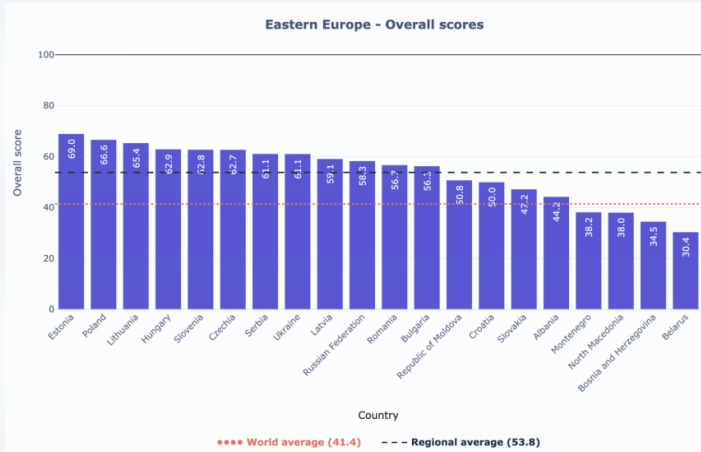
<sup>1</sup> Lithuania Ranking in the Global Innovation Index 2024.

<sup>2</sup> Digital Decade 2024: eGovernment Benchmark | Shaping Europe's digital future



## Governmental AI Readiness Index 2025<sup>3</sup>

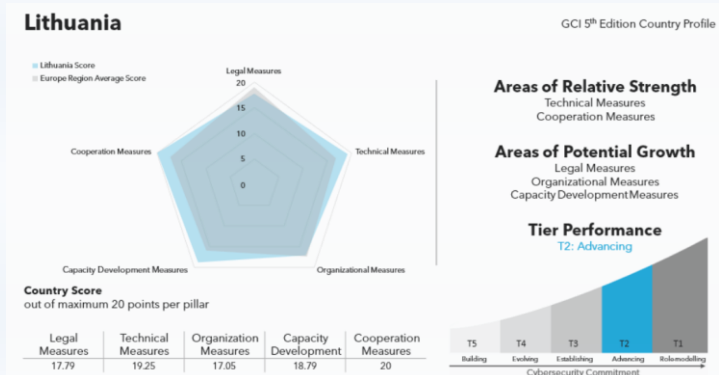
Lithuania ranks **3rd place** in the region, 29th globally



## Global Cybersecurity Index 2020<sup>4</sup>

Lithuania ranks **6th** globally.

## Global Cybersecurity Index 2024<sup>5</sup>



<sup>3</sup> [2025 Government AI Readiness Index \(Oxfordinsights.com\)](https://www.oxfordinsights.com)

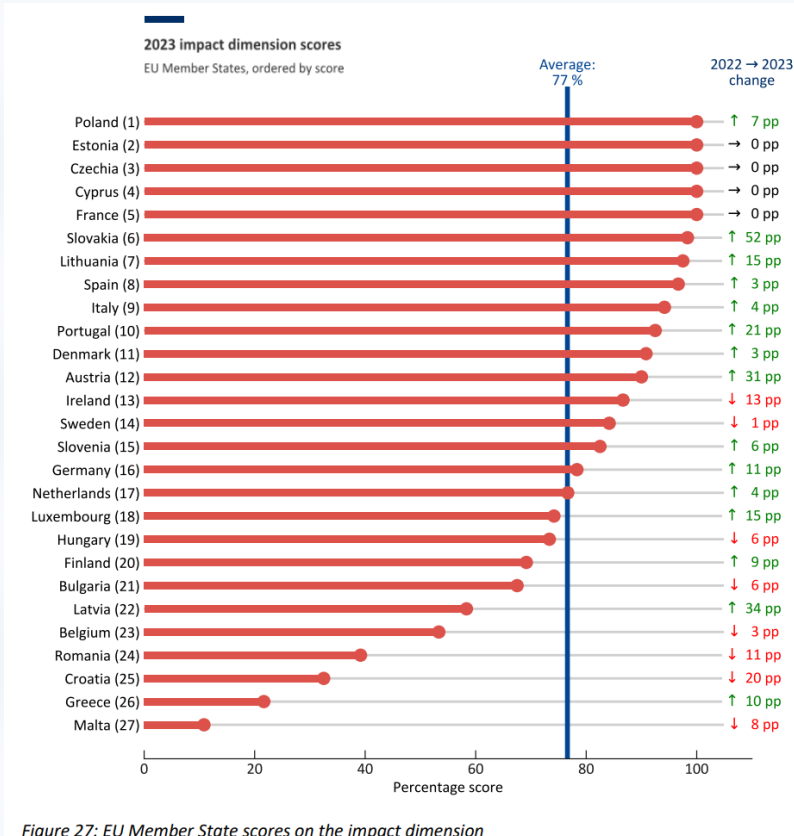
<sup>4</sup> [Global Cybersecurity Index 2020](https://www.gci.gov)

<sup>5</sup> [Global Cybersecurity Index 2024](https://www.gci.gov)



## 2023 Open Data Maturity Report<sup>6</sup>

Lithuania ranks **7th** globally

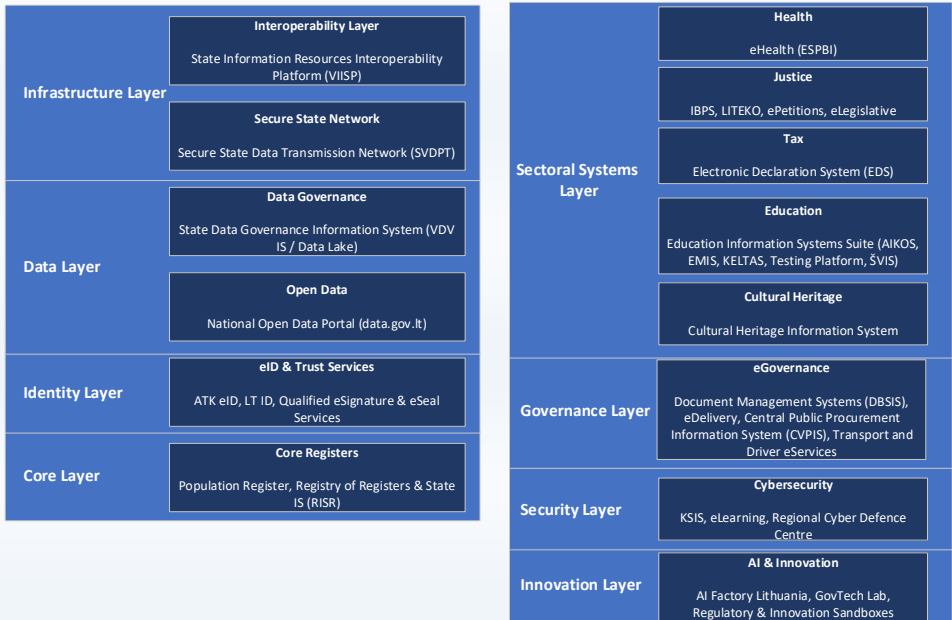


<sup>6</sup> 2023 Open Data Maturity Report



# Lithuania's Digital Public Infrastructure (DPI) Architecture

## Lithuania's Digital Public Infrastructure



This architecture illustrates Lithuania's coherent Digital Public Infrastructure model. It integrates interoperability, secure communications, trusted digital identity, core registers, sectoral systems, and artificial intelligence capabilities into a unified, scalable, and secure national digital ecosystem. The layered approach enables efficient service delivery, resilience, data-driven governance, and international interoperability.



# State Information Resources Interoperability Platform (VIISP)

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## **Responsible institution: State Digital Solutions Agency**

VIISP is a Lithuanian state information system enabling seamless data exchange between public institutions via standardized web services. It supports a "single window" principle for delivering digital public and administrative services through portals like epaslaugos.lt.

### **Key functions**

- **Single Sign-On (SSO) and identity verification:** secure authentication via banks, electronic ID cards (ATK), or mobile signatures.
- **Data exchange:** real-time, secure data sharing across state systems.
- **Payments:** integrated payment processing for digital public and administrative services.
- **Service integration:** creation, management and monitoring of e-services, including document handling, licensing and procurement tracking.

### **Technical aspects**

- Standards: XML/JSON, SOAP/REST; security: HTTPS, OAuth2, e-signature validation.
- Service registry and metadata catalogue; monitoring and SLAs for uptime and response times.

### **Added value**

- A single interoperability layer that reduces duplication, accelerates service rollout and improves transparency.





# GOVTECH LAB

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## **Responsible institution: Innovation Agency (under the Ministry of Economy and Innovation)**

GovTech Lab Lithuania is a public-sector team focused on encouraging the creation and adoption of innovative solutions for government.

### **Core activities**

- Identifying public-sector challenges solvable by emerging technologies.
- Engaging startups and SMEs to develop GovTech solutions.
- Running pilots and acceleration activities to scale successful innovations.

### **Benefit**

Faster adoption of new solutions and improved public-service quality.





# Secure State Data Transmission Network

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**Responsible institutions: Ministry of National Defence (owner); State Core Telecommunications Centre (operator)**

SVDPT is a state-managed closed communications infrastructure for secure inter-agency communications and data exchange.

## **Services provided**

- Managed L3/L2 data transport and controlled Internet access via secure gateways.
- Centralised cyber protection: monitoring, threat detection and incident handling.
- Remote access (VPN), network segmentation and SLA/KPI reporting.

## **Technical aspects & governance**

- Connection/disconnection procedures and technical requirements defined by MoD rules.
- Managed perimeter with traffic filtering, monitoring and audit.

## **Benefits**

Reduced attack surface, higher reliability and faster cross-agency deployments.





# Data Lake (State Data Governance Information System)

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## **Responsible institution: State Data Agency**

Data Lake is a central platform for collecting, managing and using government data to support analysis and decision-making.

## **Core functions**

- Data collection and integration from registers and information systems.
- Secure storage and long-term availability.
- Data quality improvement and structural alignment.
- Open data dissemination for transparency and reuse.

## **Technical aspects**

- Institutions must align source data structures with VDV IS; connection approval required.

## **Benefits**

- More effective data use, reduced duplication and support for innovation.





# Open Data Portal (data.gov.lt)

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**Responsible institutions: Ministry of the Economy and Innovation (owner); State Digital Solutions Agency (VSSA) (maintenance & support)**

The Open Data Portal is a single access point to Lithuania's open public-sector datasets.

## **Core functions**

- Inventory and publication of datasets with metadata.
- API access and data transformation tools.
- Integration with the European data portal.

## **Benefits**

- Transparency, business innovation and improved governance through accessible data.





# Document Management System (DBSIS)

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**Responsible institution: Informatics and Communications Department under the Ministry of the Interior**

DBSIS is a centralised document management system (SaaS) for state and municipal institutions covering the full document lifecycle.

## **Key features**

- Registration, drafting, qualified e-signing, sending, receiving and archiving.
- Integrations with eDelivery and the Register of Legal Acts.
- Execution tracking, automatic routing and substitution (delegation).

## **Benefits**

- High efficiency (large daily volumes), security, continuity and central support.





## E. Delivery Information System

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**Responsible institution: Ministry of Transport**

ePristatymas is Lithuania's national electronic delivery system for registered electronic mail and documents.

### **Key functions**

- Electronic mailbox management via epaslaugos.lt with notifications.
- Encrypted document sending and lifecycle tracking with e-signature support.
- API integration and free basic access for users.

### **Benefit**

- Secure, real-time alternative to traditional registered mail.





# Remote Qualified Electronic Signature and Electronic Seal Service “LT ID”

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**Responsible institution: The State Enterprise Centre of Registers**

LT ID provides remote qualified electronic signatures and electronic seals compliant with eIDAS.

## **Key features**

- Remote signing via smartphone or computer; electronic seals for organisations.
- Identity verification and bulk signing capabilities.
- Interoperability with GoSign, Mark Sign, ZebraSign and DMS platforms.

## **Benefits**

- Speed, convenience and legal compliance for public and private sector workflows.





# National Identity Card (ATK eID) with e-signature and biometrics

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**Responsible institutions: Migration Department;  
Personalisation of Identity Documents Centre (Ministry of the Interior)**

The ATK eID is a multifunctional national identity card containing qualified e-signature certificates and biometric data.

## **Key features**

- Official identity verification and electronic identification for government systems.
- Qualified e-signature certificate stored on the card; biometric data (photo, fingerprints).
- PIN system for identification (PIN1) and signing (PIN2).

## **Benefits**

- High security and access to thousands of e-services.





# Integrated Criminal Procedure Information System (IBPS)

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**Responsible institution: Informatics and Communications  
Department under the Ministry of the Interior**

IBPS is a national platform coordinating criminal-procedure participants and managing procedural data from pre-trial investigation to court decision.

## **Key functions**

- Process digitalisation and automation; e-services portal (e-byla.lt).
- Integration with Police, Prosecution, Courts and other state databases.
- Electronic document handling, timestamping and secure logging.

## **Benefits**

- Increased efficiency, interoperability and remote accessibility of justice services.





# LITEKO (Lithuanian Courts Information System) and e.teismas.lt

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**Responsible institution: National Courts Administration**

Lithuanian Courts Information System (LITEKO) and courts portal (e.teismas.lt) are core digital tools for court case administration and e-services.

## **Core functions**

- Case registration, electronic filing, automated case allocation and archiving.
- Publication of anonymised judgments, hearing schedules and analytics.
- Integration with Register of Legal Acts, Prosecution Service and Police systems.

## **Benefits**

- Remote procedural actions, transparency and reduced administrative burden.





# State Tax Inspectorate electronic declaration system (EDS) / “Mano VMI”

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## **Responsible institution: State Tax Inspectorate (VMI)**

EDS and “Mano VMI” provide taxpayers with secure online access to tax declarations, accounts and services.

### **Key functions**

- Filing returns (income tax, VAT, corporate tax), viewing tax accounts and ordering certificates.
- Authentication via VIISP (banks, PI card (ATK), mobile signature); integration with i.MAS subsystems (i.SAF, i.VAZ, i.APS).
- Links and data exchange with State Social Insurance Fund Board (Sodra), State Data Agency and other institutions.

### **Benefits**

- Faster filing, reduced administrative burden and improved transparency.





# Electronic Health Services and Cooperation Infrastructure Information System (ESPBI IS, “eHealth”)

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**Responsible institutions: The State Enterprise Centre of Registers (administrator); Ministry of Health (policy & development)**

ESPBI IS centralises health data and supports secure exchange between providers, pharmacies and patients.

## **Core features**

- Health data repository: medical records, e-prescriptions, lab results and images.
- Patient and professional portals; integration with local HIS and eDelivery.
- Web services for interoperability and service recording.

## **Benefits**

- Improved patient access, faster data exchange and secure centralised storage.





# Central Public Procurement Information System (CVP IS)

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**Responsible institution: Public Procurement Office (PPO)**

CVP IS is the national e-procurement platform managing the full procurement lifecycle.

## **Key features**

- Online tender publication, bid submission and evaluation.
- Communication, transparency, statistics and reporting.
- Qualified e-signature support and integrations with other state systems.

## **Benefits**

- Efficient, transparent and accessible public procurement processes.





# Registry of Registers and State Information Systems (RISR), [registrai.lt](http://registrai.lt)

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**Responsible institutions: Ministry of the Economy and Innovation (coordination)**

RISR is the official catalogue of state registers and information systems, documenting purpose, owners and legal bases.

## **Core functions**

- Metadata records for registers/IS; interoperability mapping and legal references.
- Public access via [registrai.lt](http://registrai.lt) and integration with API and dataset catalogues.

## **Benefits**

- Better coordination, reduced duplication and improved transparency.





# Cybersecurity in Lithuania

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**Responsible institutions: Ministry of National Defence (policy & coordination); National Cyber Security Centre (NCSC)**

Cybersecurity is a national strategic domain covering protection, incident management and resilience.

## Core elements

- Incident management and coordination via NCSC; Cyber Security information system (KSIS) for incident registration and analysis.
- Prevention and education: exercises, training and public awareness.
- International cooperation (EU, NATO) and technology modernisation (post-quantum readiness, vendor security requirements).

## Platforms & initiatives

- **KSIS:** central platform for incident classification and data exchange among CERT-LT and sectoral CSIRTs.
- **“Cybersecurity for All”:** NCSC e-learning platform with state eID integration.
- **The Regional Cyber Defence Centre (RCDC):** Mission of the RCDC: execute cyber threat analysis, organise training for cyber security specialists and implement scientific research in the field of cyber security, while developing cooperation with the strategic partners.

## Benefits

Increased resilience, trust and unified incident handling across government.





# Population Register

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**Responsible institutions: Ministry of Justice  
(owner/controller); State Enterprise Centre of Registers  
(operator/processor)**

The Population Register stores and manages resident data used across public administration.

## **Core functions**

- Personal data repository (identity, residence, civil status).
- Registration of legal facts (marriage, divorce, death) and data provision to institutions.
- API access and integration with e-services (VMI, eHealth, etc.).

## **Benefits**

- Single authoritative source for population data, improving service delivery and accuracy.





# Seimas e-services (e-Petitions and e-Legislative Initiative)

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**Responsible institutions: Chancellery of the Seimas; Seimas Petitions Commission and Committee on Legal Affairs**

Seimas electronic services enable citizens to submit petitions and legislative initiatives online with verified signatures.

## **Core functions**

- **e-Petitions:** submission, e-signature verification and public tracking.
- **e-Legislative initiative:** citizen proposals requiring a signature threshold for parliamentary consideration.
- Authentication via the e-Government Gateway (e-signature, online banking, Mobile-ID).

## **Benefits**

- Greater citizen engagement, openness and standardised digital access to law-making.





# Education Information Systems Suite (AIKOS, EMIS, KELTAS, NŠA Testing Platform, ŠVIS)

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**Responsible institutions: Ministry of Education, Science and Sport; National Agency for Education (NŠA); Municipalities**

An integrated suite of education systems supporting learner records, exams, testing and education management.

## **Components & services**

- **AIKOS:** learning opportunities catalogue and career tools.
- **EMIS:** pupil accounting (enrolment, attendance, grades).
- **KELTAS:** state exams administration and results.
- **NŠA Testing Platform:** diagnostic and formative testing.
- **ŠVIS:** education management information for planning and budgeting.

## **Benefits**

- Evidence-based decision-making, reduced duplication and improved education quality.





# Lithuanian Transport and Driver e-Services Portal (Regitra)

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## **Responsible institution: State Enterprise Regitra**

Regitra e-Services digitises vehicle registration, driver licence administration and related transport services.

## **Services provided**

- Online vehicle registration and ownership changes.
- Driver licence renewal, replacement and home delivery.
- Integrated roadworthiness (TA) and insurance checks; custom number plate ordering.
- Service history and reminders via the e-Government Gateway.

## **Technical foundation**

- Access via e-Government Gateway (e-signature, Smart-ID, online banking); integrations with Population Register and Vehicle Register.

## **Benefits**

- 24/7 availability, faster service delivery and reduced administrative costs.





# AI Factory Lithuania (DI Factory)

**Responsible institution: Ministry of the Economy and Innovation**

AI Factory Lithuania is a national initiative to build an advanced AI competence and technology centre, bringing together public sector, business and academia.

## Services provided

- High-performance AI computing capacity and specialised racks.
- Secure data-access and analytics platforms for model training and evaluation.
- Experimentation sandboxes for safe prototyping.
- Public-private pilot projects and skills development/advisory support.

## Added value

- Establishes national AI infrastructure, lowers innovation entry barriers, strengthens the data economy and accelerates AI-driven public services.

## Location & timeline

- Location: Vilnius.
- Timeline: installation launched in 2026; operations targeted from Q1 2027.



**Priority domains** Cybersecurity & defence; personalised medicine; industrial automation; green energy & sustainability; transport; data analytics for the public sector.



# Cultural Heritage Information System

**Responsible institutions: Ministry of Culture (policy and strategic oversight); Cultural Heritage Department under the Ministry of Culture**

The Cultural Heritage Information System integrates the Cultural Heritage Register (KVR) and the Cultural Heritage Electronic Services Information System (KPEPIS) into a unified digital environment for managing, protecting, and supervising Lithuania's cultural heritage assets. It ensures systematic documentation of heritage objects, legal protection management, and fully digital administrative procedures related to cultural heritage conservation and development activities.

## Services provided

- National digital registry and legal management of cultural heritage assets, including GIS-based mapping of protection zones and spatial data.
- Fully digital permit and supervision workflows for restoration and development activities within protected heritage territories.
- Integrated public access and interoperability with national registers, spatial planning systems, GIS platforms, and trusted eGovernment services.

## Technical aspects

- Centralised digital platform integrating heritage registry data, GIS mapping, and secure eGovernment authentication.
- Interoperable with national registers and spatial planning systems; supports qualified eSignature and controlled public access.

## Benefits

Transparent, efficient, and legally compliant cultural heritage management. Faster procedures, stronger interagency coordination, and improved public access to heritage information.





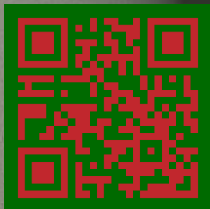
# Notes

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