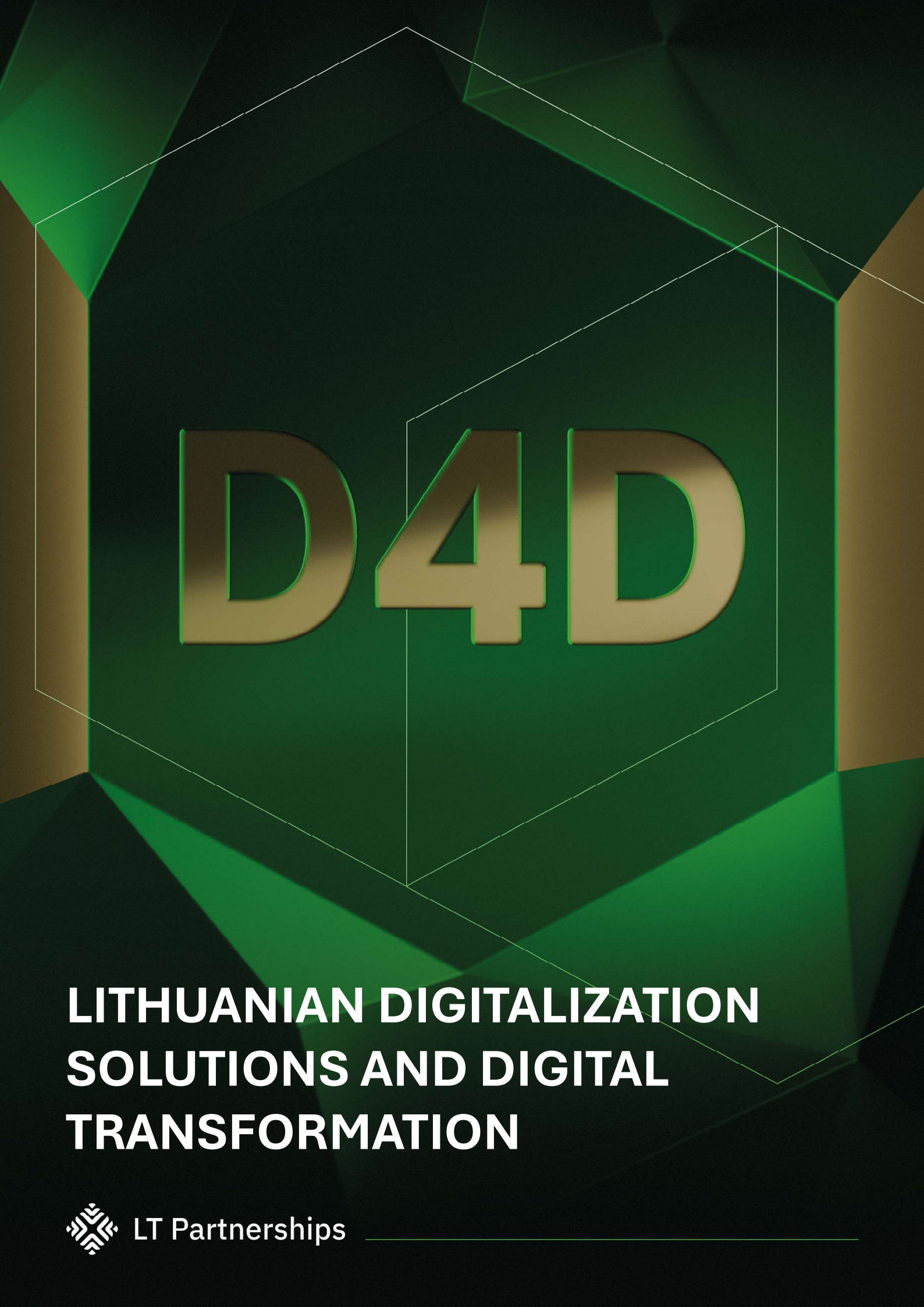




D4D

LITHUANIAN DIGITALIZATION SOLUTIONS AND DIGITAL TRANSFORMATION



LT Partnerships

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Introduction

Lithuania has built one of the most advanced digital public ecosystems in Europe by combining secure digital infrastructure, interoperable public services, trusted digital identity, data governance, cybersecurity, and innovation-driven solutions.

Over the past two decades, Lithuania has consistently invested in digital transformation to improve public administration, strengthen resilience, increase transparency, and create efficient, citizen-oriented services. Today, digital solutions are widely used across justice, healthcare, taxation, education, transport, public procurement, migration, cybersecurity, and other sectors.

This publication presents Lithuania's practical experience in developing scalable digital government platforms, sectoral information systems, AI initiatives, cybersecurity capabilities, and data-driven governance solutions that support economic growth, operational efficiency, international interoperability, and secure digital cooperation.

Lithuania's Standing in International Benchmarks

Lithuania ranking in the Global Innovation Index 2025¹



Highest Rankings

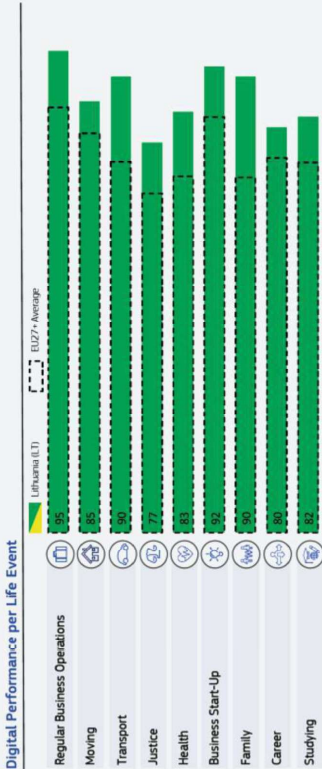
Lithuania ranks highest in Institutions (19th), Infrastructure (29th), Market sophistication (32nd) and Knowledge and technology outputs (33rd).

Digital Decade 2024: eGovernment Benchmark²



Lithuania

eGovernment Benchmark 2024

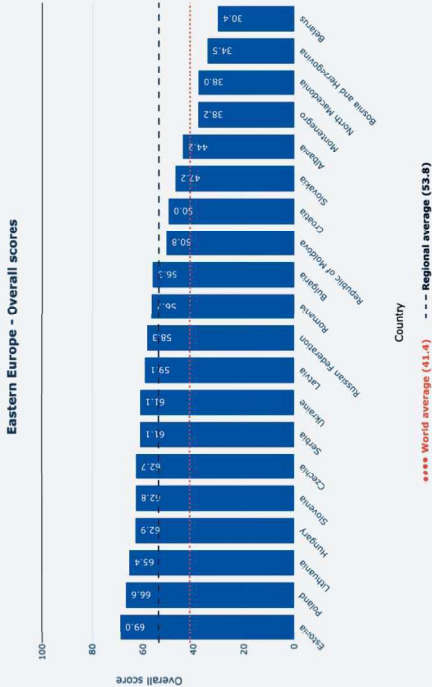


¹ Lithuania Ranking in the Global Innovation Index 2025

² Digital Decade 2024: eGovernment Benchmark | Shaping Europe's digital future

Governmental AI Readiness Index 2025³

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



Global Cybersecurity Index 2020⁴

Lithuania ranks **6th** globally.

Global Cybersecurity Index 2024⁵



³ 2025 Government AI Readiness Index (Oxfordinsights.com)

⁴ Global Cybersecurity Index 2020

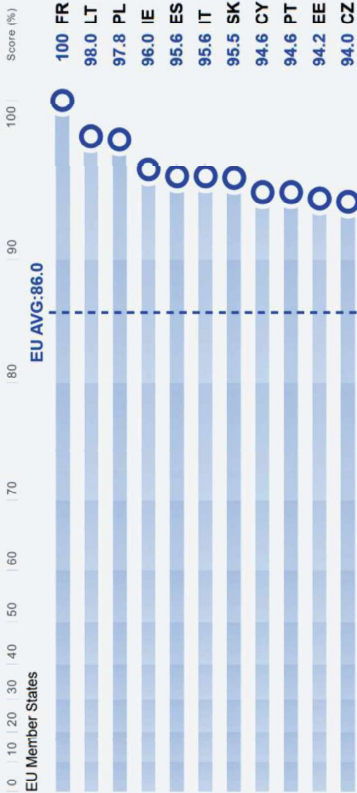
⁵ Global Cybersecurity Index 2024

2025 Open Data Maturity Report⁶

Lithuania ranks **2nd** globally



The average country in Europe tended to have a mature open data ecosystem



⁶ Explore 2025 Open Data Maturity Report | EDP

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)

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

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.

Benefits

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



Secure State Data Transmission Network

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)

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)

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)

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

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.

Benefits

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



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

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

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)

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

IBPS is a national platform that coordinates criminal procedure participants and manages procedural data from pretrial investigation to court decision.

Key functions

- Process digitalisation and automation; e-services portal (<https://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.

About Insoft

Insoft is a Lithuanian software development and IT solutions company specialising in digital transformation, public sector information systems, interoperability, eGovernment solutions, system integration, identity and authentication platforms, testing, and managed IT services. The company delivers secure and scalable digital solutions for government institutions and enterprise clients, combining software engineering, integration, and long-term operational support.



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

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 the Register of Legal Acts, the Prosecution Service and the Police systems.

Benefits

- Remote procedural actions, transparency and reduced administrative burden.



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

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, ID card (ATK), mobile signature); integration with i.MAS subsystems (i.SAF, i.VAZ, i.APS).
- Links and data exchange with the State Social Insurance Fund Board (Sodra), the 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”)

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)

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

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 and integration with API and dataset catalogues.

Benefits

- Better coordination, reduced duplication and improved transparency.



Cybersecurity in Lithuania

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

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)

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)

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)

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 the systematic documentation of heritage objects, the management of legal protection, 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.



Cybersecurity Capacity Building Projects

Responsible institution: NRD Cyber Security

NRD Cyber Security is a cybersecurity consultancy and technology company supporting governments and public institutions in strengthening national cyber resilience, cybersecurity governance, and critical infrastructure protection.

Services provided

- National cybersecurity maturity assessments using the Oxford Cybersecurity Capacity Maturity Model for Nations (CMM).
- National cybersecurity strategy development and legal framework improvement.
- Development of Critical Information Infrastructure (CII) protection frameworks.
- CSIRT and SOC consultancy services, including establishment, modernisation, process automation, and training.
- Centralised threat monitoring and cyber defence capabilities through the Matrix platform.

Key cybersecurity capacity-building projects

- **Egypt** – Financial sector cybersecurity programme including CSIRT establishment, training, and centralised threat monitoring using Matrix.
- **Kosovo** – Development of a sectoral CSIRT for the energy sector.
- **Bhutan** – Support for establishing national cybersecurity institutions, frameworks, and operational capabilities.
- **Mongolia** – Development of the national Critical Information Infrastructure Protection (CIIP) framework.

Benefits

- Strengthens national cyber resilience and institutional cybersecurity capabilities.
- Supports secure digital transformation and critical infrastructure protection.

Enhances incident response readiness, threat monitoring, and interinstitutional coordination.



AI for Lithuanian Customs to Analyse Goods Being Transported

Responsible institution: Lithuanian Customs

Novian's software companies, together with partners, have implemented an artificial intelligence-based solution to analyse transported cargo. The system assesses X-ray images of cargo, detects undeclared and suspicious objects, and delivers analysis that is faster and more objective than manual assessment.

Key features

- AI-based analysis of cargo X-ray images to detect undeclared and suspicious objects.
- Development and improvement of AI algorithms for more accurate cargo assessment.
- Audit and reporting functionality to support transparency and control.

Benefits

- Increased detection rate through enhanced detection accuracy
- Boost work performance without adding personnel
- Increased efficiency in border and cargo inspection processes.
- Additional advantages include automated repetitive tasks, a simple onboarding process, and strengthened national security.
- Faster and more objective analysis of transported goods.



Innovative Solution for Automated Detection and Prevention of Hybrid Threats

Responsible institutions: A project consortium led by UAB Novian Pro: UAB Novian Pro, Kaunas University of Technology, Vilnius Gediminas Technical University, Mykolas Romeris University, and the Lithuanian Cybercrime Competence and Research Center.

Using advanced OSINT, SocMINT, NLP and artificial intelligence technologies, HIPSTER automatically detects hybrid threats and proposes response measures, helping to prevent potential harm. The project is linked to EU initiatives and contributes to a safer Europe.

Key functions

- Automated detection and analysis of hybrid, information, psychological and societal threats using OSINT, SocMINT and NLP-based data sources.
- Threat attribution and classification, including identification of disinformation, propaganda, hate speech and radical content.
- Real-time monitoring and early warning capabilities for emerging risks.
- Development of a dedicated portal and integrations with partner systems.
- AI-powered decision support (Copilot functionality) for analysts, including suggested countermeasures.
- Implementation of Copilot functionality and compliance work related to GDPR and the AI Act.
- Ensuring compliance with GDPR and the EU AI Act.

Benefits

- Earlier detection and improved understanding of complex hybrid threats.
- Faster and more informed response through automated analysis and decision-support tools.
- Enhanced situational awareness for public sector institutions, businesses and academia.
- Faster response planning through automated analysis and proposed countermeasures.
- Contribution to European security, preparedness and cross-institutional cooperation.



Cyber Competence Centre Infrastructure Project for Kaunas University of Technology

Responsible institution: Kaunas University of Technology

One of the most advanced AI infrastructure platforms in Lithuania has been deployed for the Cybersecurity Competence Centre to support the development, training, and inference of AI models for cyber incident investigation, as well as scientific modelling and research across the entire university ecosystem.

Key features

- High-performance computing resources, servers, network equipment and a central management platform.
- Centralised administration through NVIDIA Base Command Manager for automated management and monitoring.
- Infrastructure designed for AI model development and training, cloud services and HPC workloads.

Benefits

- Advanced infrastructure for AI development, training and high-performance computing.
- Centralised and automated platform management, improving operational efficiency.
- Access to AI and HPC resources for Competence Centre members through a self-service portal.



Air Traffic Controller Workforce Planning System for Oro Navigacija

Responsible institution: AB Oro navigacija (Air Navigation Service Provider)

A workforce planning system has been implemented for air traffic controllers, supporting the planning of working time, shifts and operational positions. The solution helps plan human resources more efficiently, from long-term staffing needs to daily operational shift and position management.

Key functions

- Forecasting air traffic controller demand based on air traffic flow projections and sector opening needs.
- Automatic generation and optimisation of shift schedules and operational position plans.
- Management of absences, schedule changes, shift swaps, qualifications, working time, rest periods and fatigue-related rules.

Benefits

- Increased efficiency and accuracy in air traffic controller resource planning.
- Better operational readiness through faster response to shift, absence and workload changes.
- Improved compliance with labour, qualification, rest time and fatigue management requirements.
- Stronger support for long-term workforce, training and competence planning.

About Novian

Novian is an international group of IT services and software companies combining software development, digitisation, data empowerment and critical IT infrastructure expertise. The group acts as an integrator for complex technology projects, delivering solutions for business and public sector organisations in Lithuania and internationally. Novian companies focus on AI-enabled solutions, defence and security technologies, mission-critical information systems, and advanced IT infrastructure. Working with leading global technology vendors, including NVIDIA, the group companies deliver AI-ready and GPU-accelerated infrastructure, high-performance computing, cloud platforms and secure digital environments for complex, data-intensive use cases.



General Financial Accounting Information System (FABIS)

Responsible institution: Ministry of Finance of the Republic of Lithuania

FABIS is a general financial accounting information system designed to automate financial accounting processes for public sector organizations, ensuring adherence to public accounting standards.

Key features

- Centralized financial accounting: FABIS covers all key areas of accounting—from general ledger and budget control to inventory and fixed asset management.
- Funding and payment management: the system automates the submission of payment requests, the collection of funding amounts, and their transfer to the State Treasury, ensuring integration with State Treasury accounts.
- Budget adjustment and control: the subsystem allows for the preparation of draft budgets, the adjustment of control budgets in accordance with approved indicators, and the automatic calculation and carryover of unused appropriation balances.

Benefits

- FABIS streamlines public sector financial management by consolidating multiple accounting systems into a single, standardised platform, enhancing efficiency, ensuring compliance, and reducing maintenance costs.



About FORBIS Group

FORBIS Group is a Lithuanian fintech and banking technology company with more than 30 years of experience delivering digital financial infrastructure solutions for banks, public institutions, and government treasuries. The company develops secure payment, treasury, and financial management systems combining banking technologies with public-sector digital transformation capabilities.

Petroleum Stock Declaration and Reserve Management Information System

Responsible institution: Lithuanian Energy Agency (LEA)

System is a business portal for managing petroleum stock declarations related to mandatory and special reserve obligations. The system enables companies to submit monthly petroleum stock data, including beginning-of-month and end-of-month quantities; reserves held in the EU; reserves stored in Lithuania or abroad; and crude oil or raw material equivalent stock positions.

The portal supports structured declaration package management, allowing administrators and business users to organise submitted data into controlled reporting periods. It covers mandatory stock quantities, special stock quantities, and stock accumulation or storage expenses, creating a reliable framework for collecting, reviewing and monitoring compliance submissions.

Core functions

- Submission and management of monthly petroleum stock declarations by companies.
- Declaration of mandatory and special reserve quantities, including Lithuanian and foreign storage positions.
- Management of declaration packages for reporting periods, stock types and storage-related expenses.
- VIISP-based authentication for trusted public-sector identity integration.

Benefits

- Portal provides a centralised digital environment for petroleum reserve declaration and compliance monitoring. It reduces manual reporting work, improves data quality, and strengthens oversight of mandatory and special reserve obligations.
- The system supports better decision-making through reports and visual analytics, increases transparency in petroleum stock monitoring, and helps ensure that national reserve management processes remain aligned with legal and policy requirements.



Organic Sector Data Administration Information System (ESDA IS)

Responsible institution: Public Institution EkoAgros
Policy/project beneficiary: Ministry of Agriculture of the Republic of Lithuania

ESDA IS, is an information system for administering data and business processes in Lithuania's organic sector. It supports the full lifecycle of organic certification, from farm or business applications and questionnaires to inspections, decisions, certification documents, permits, farmer reports, import approvals and management reporting. Suited for ecological sector data administration and lists certification, permits, farmer reports, organic import and reporting.

Key functions

- Registration and management of organic farms, applicants, production activities, and related data.
- Digital handling of organic certification applications, inspections, permits, certificates, and supporting documentation across multiple production sectors.
- Processing of permit requests for seeds, livestock, fertilisers, and other materials used in organic production.
- Management of farmer reports, import procedures from third countries, and regulatory reporting for national institutions and Eurostat.

Benefits

- Centralised digital platform for managing organic certification and supervision processes.
- Improves efficiency, consistency, traceability, and oversight of applications, inspections, permits, and certificates.
- Enhances digital services for farms, processors, and importers while supporting reliable national and Eurostat reporting.



Stevedoring Company Business and Cargo Handling Management System

Responsible institution/operator: Stevedoring company/cargo terminal operator

CargoSystem is a business management system for controlling cargo-handling operations at port terminals. It supports cargo movement workflows, including transport arrivals, cargo orders, loading and unloading, warehouse stock management, container handling, and operational reporting.

The system is designed for stevedoring companies that manage import and export cargo flows among ships, warehouses, rail wagons, road transport, and containers. It enables cargo tracking, order control, warehouse balance monitoring, and the preparation of cargo-handling documentation.

Key functions

- Registration of transport arrivals and cargo handling orders for import, export, storage, and transshipment operations.
- Management of cargo movement workflows across ships, warehouses, road transport, wagons, and containers.
- Recording of handled cargo, warehouse balances, transport data, and cargo movement status.
- Warehouse stock control, container handling, operational reporting, and controlled document workflows.

Benefits

- Centralised platform for managing cargo handling, warehouse operations, and transport workflows.
- Improves traceability, operational control, stock visibility, and coordination across cargo movements.
- Supports faster decision-making, more efficient storage management, and reliable terminal operations.



Innovative Process Solutions (worksob.com)

Responsible institution: Innovative Process Solutions, UAB

Innovative Process Solutions is a Lithuanian engineering and technology company specialising in automation, safety, and digital workforce management solutions for industries such as construction, manufacturing, transport, logistics, utilities, and public services.

Services provided

- Automated employee sobriety testing with biometric facial recognition.
- Workforce time tracking, shift management, and automated attendance reporting.
- RFID and QR-based access control for employees and subcontractors.
- Cloud platform for real-time monitoring, alerts, analytics, and reporting.
- Integration with ERP, HR, access control, and public sector systems.

Benefits

- Devices certified as metrologically verified measurement instruments in Lithuania.
- Improves workplace safety, compliance, and operational transparency.
- Reduces administrative workload and human error.
- Strengthens accountability and incident prevention across organisations.
- Trusted by more than 520 companies and supports over 274,000 employees across Europe.



eCulture - the largest digital Lithuanian culture platform

Responsible institution: Martynas Mažvydas National Library of Lithuania

eCulture is the unified platform www.ekultura.lt for digitised and digital cultural and audiovisual content, electronic services, and dissemination, with over 1 million cultural objects.

Key features

- Various high-quality digital content from over 20 cultural institutions (libraries, museums, archives) in one place.
- Modern artificial intelligence (AI) technologies for the description of cultural objects, identification of objects in images, transcription of video and audio, and optical character recognition.
- Modern tools for data empowerment and reuse.
- Attractive e-services for users.

Benefits

- Increased dissemination of cultural content.
- Improved data accessibility and inclusion of society in cultural life.
- Preserving cultural content and transferring it to future generations.



Information system for construction permits and state supervision of construction (IS Infostatyba)

Responsible institutions: State Territorial Planning and Construction Inspectorate under the Ministry of Environment of the Republic of Lithuania, and the Public Institution Construction Sector Development Agency

The Infostatyba system provides electronic services for issuing construction permits and other state-provided services related to construction processes in the building subsystem of the portal <https://www.planuojustatau.lt/>. Also, state supervision of construction is implemented in the system's back office.

Key features

- Centralised issuance of construction permits.
- Advanced e-services on a “single-window” principle: application for issuing a construction permit, informing the society about the prepared construction proposals, approving construction proposals, obtaining expert conclusions, etc.
- Mobile technologies allow users to report unauthorised construction in a more convenient and efficient way, and to track the progress of processing the submitted applications.
- Data exchange with information systems and registries of different Lithuanian institutions.

Benefits

- Permits are issued electronically, which reduces the amount of paper documents.
- Transparency of the state supervision of construction.
- More effective management of resources and saving customers' time.
- Users can obtain information about construction permits and perform other actions online, thus reducing administrative burden.



Lithuanian Migration Information System (MIGRIS)

Responsible institution: Migration Department under the Ministry of Interior of Lithuania

MIGRIS system helps to provide electronic migration services for foreigners and natural & legal persons of Lithuania in the portal www.migracija.lt

Key features

- Advanced e-services for foreigners, Lithuanian citizens and enterprises: booking visits, submitting applications for a residence permit, reporting lost documents and receiving information about valid documents, submitting mediation letters for Schengen or multiple-entry national visas, etc
- Module of foreigners with interests in Lithuania facilitates the exchange of foreigners' data between institutions.

Benefits

- Simple, smooth and transparent migration procedures.
- More efficient work of the Migration Department and related institutions.
- Better satisfaction of the society.
- Foreigners can more easily get services.



Information system for processing of land management planning documents (ŽPDRIS)

Responsible institution: The National Land Service under the Ministry of Environment and Public Institution Construction Sector Development Agency

The ŽPDRIS system allows the National Land Service and its territorial units to provide e-services reflecting the needs of society and making an efficient and transparent “single-window” based process of land management planning, also promoting participation of society and business entities in decision-making. E-services are provided in the portal www.zpdris.lt

Key features

- Modern technology (e-services, GIS, e-signature) based document preparation system.
- Integrated proprietary document management system Avilys (Hive).
- E-services: submitting applications, monitoring project preparation, coordination, discussing with the society, and publishing progress.

Benefits

- Improved servicing of the interested people.
- Significantly shorter terms for preparing land management projects.
- Efficient control of land management project preparation.
- Possibility to provide e-services.
- Reduced costs related to the preparation and implementation of land management projects.
- Appropriate data use and storage.





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