

# Cybernetica

## CORE COMPETENCES

Data exchange technologies, digital identity technologies, cybersecurity services, tax & customs information systems, as well as maritime radio communication and surveillance systems.

## REFERENCES

- e-Government interoperability systems for 10+ countries, including Ukraine (Trembita) and Benin
- Advisory and research of online enrolment and renewal of Dutch passports for the Dutch Ministry of Interior Affairs
- Integrated Vessel Traffic Management and Radio Communication Systems for Malaysia
- Vessel Traffic Management Information System on the Gibraltar Strait
- Partners of the Estonian Tax and Customs Board since 2003
- Leading Estonia's transition of e-governance systems to post-quantum cryptography (PQC)
- Secure Digital Military Mobile System (SDMMS)
- Multi-party secure computation solution for EUROSTAT

## KEY PARTNERSHIP

European Commission, EBRD, DARPA, European Space Agency (ESA), Tony Blair Institute, Valid, OECD

Founded: 1997  
Employees: 200+

## Want to know more?

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## BUSINESS OVERVIEW



Cybernetica builds future-proof technologies for secure digital societies, combining over 25 years of expertise in cybersecurity, cryptography, and e-governance solutions.

As the architects of e-Estonia, we have developed the world-renowned technologies such as X-Road, Internet Voting, Timestamping, secure mobile digital identity technology, mission-critical systems for the Tax and Customs Board, and more. Today, our expertise is trusted by governments and organisations worldwide, with our technologies used in more than 40 countries.

## E-GOVERNANCE CORE TECHNOLOGIES

- Secure data exchange and interoperability, enabled through the **Unified eXchange Platform (UXP)**, are widely regarded as the backbone of any successful digital transformation. As a next-generation evolution of the Estonian X-Road, UXP connects fragmented agencies into secure, interoperable ecosystems, ensuring legal assurance and safeguarding citizen rights. By enabling governments to provide a seamless, trusted data-sharing platform for public and private sector organisations, UXP supports human-centric services and streamlines back-office processes.
- **Splitkey** digital identity technology turns mobile devices into secure authentication and qualified signature devices. SplitKey technology powers Smart-ID applications across the Baltics, Iceland, and Belgium, serving 3 million users and processing 85 million transactions monthly.
- Privacy preserving technologies like **Sharemind** enable governments and companies to analyse sensitive data without compromising individual privacy. It provides stronger data protection than standard databases through secret sharing, enabling organisations to share records with partners while keeping full control over their data. Use cases include genome data research, healthcare analytics, and more.

## CYBERSECURITY IN DEFENCE

In addition to e-governance, Cybernetica is an expert in cryptography and cybersecurity, especially in the defence domain. Our expertise spans from foundational cryptographic research (including post-quantum cryptography) to mission-critical defence applications.

## MARITIME SURVEILLANCE

We build effective border surveillance systems and maritime situational awareness to ensure safety on land and sea. Our surveillance and radio communication systems are used in over 100 locations worldwide, including the external borders of the EU and NATO.

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