CYBERSECURITY FROM FINLAND

Skills and Trust

No Strings Attached

Finnish Information Security Cluster

Finland as a trusted digital society

A competitive foundation

Finland's international competitiveness rests on a high level of expertise, well-functioning institutions and a strong culture of research and development.

World-class digitalisation, critical technology innovations and broad societal reliability reinforce this foundation. They make Finland a trusted and forward-looking partner in global markets.

Finland is also a society where digital services are used every day. Reliability, privacy and security are embedded in the way the country works.

Trust is part of the Finnish operating environment.

A pioneer in cybersecurity

Finland has played a defining role in shaping global cybersecurity.

The country operates a unique whole-of-society security model and was among the world's first nations to develop cybersecurity professionally. It is the birthplace of Linux, the world's most widely used operating system and SSH, the dominant security protocol for encrypted communications.

National regulation further strengthens Finland's position by protecting the confidentiality of business operations.

Quality, reliability and long experience.

No backdoors.

Cybersecurity is the foundation of digital society

Digital society depends on services, connections and data that can be trusted.

Companies need secure systems to run their business. Public services need continuity. People need to know that their information and digital identities are protected.

Cybersecurity helps keep this digital everyday life running. It supports business continuity, national preparedness and trust in digital services.

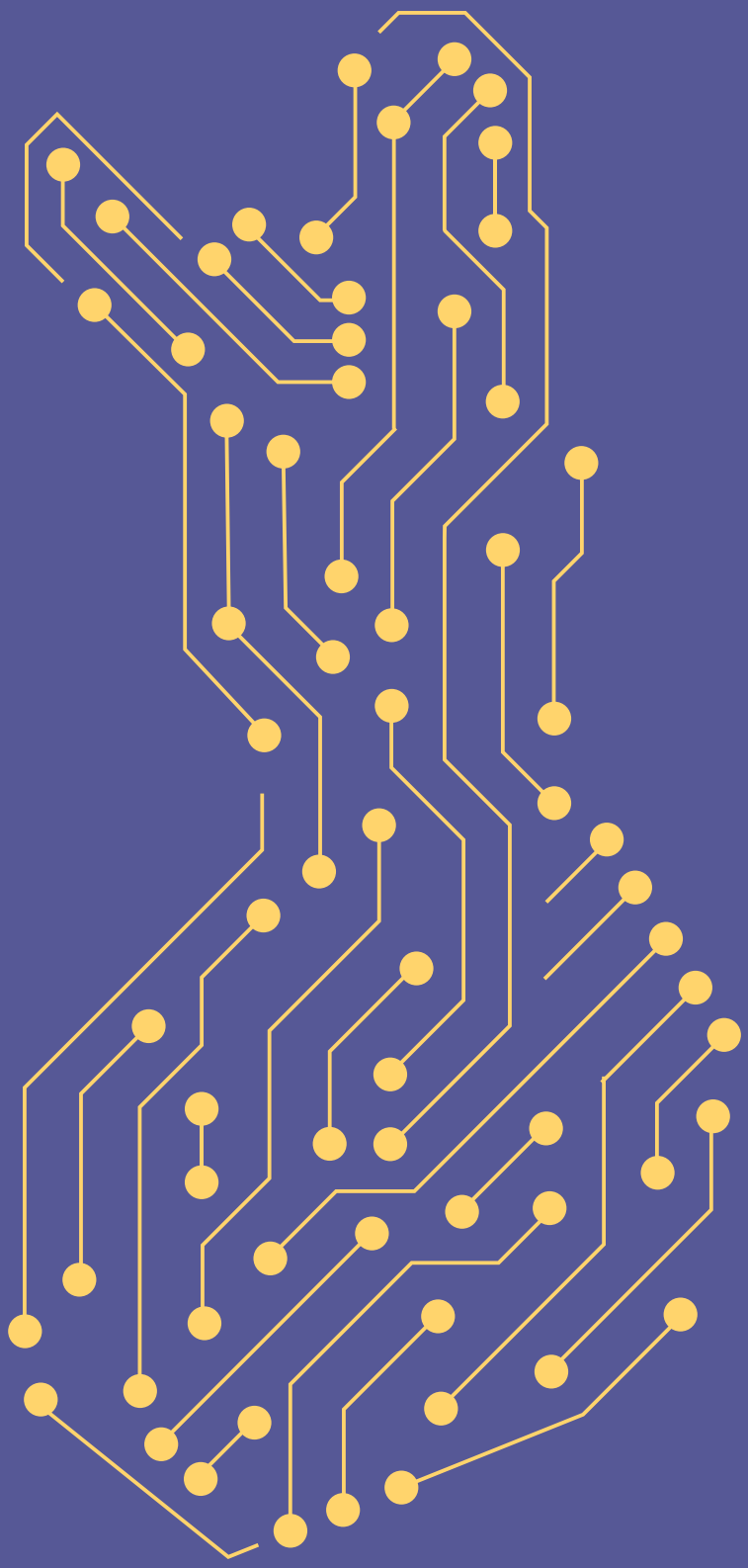
Finland has a long tradition of building reliable digital services. The next step is to make them more secure, more resilient and ready for new threats.

Successful digitalisation requires cybersecurity.

Secures Finland. Secures you.

With Netox, you get cybersecurity that keeps Finland running. We are trusted to protect critical infrastructure essential to national security – which is why you too can rely on us 24/7.

netox.com



NETOX

The Cybersecurity Ecosystem

A compact and capable community

Finland has a strong cybersecurity ecosystem.

Companies, authorities, educational institutions and research organizations work closely together. The ecosystem is compact, but its expertise is broad and specialised.

This is one of Finland's advantages. Knowledge moves quickly, cooperation is practical and security is understood as a shared responsibility.

FISC supports this cooperation and helps make the industry visible as one Finnish cybersecurity sector.

A community for cybersecurity businesses.

Companies, research and society

Cybersecurity companies in Finland operate in several demanding sub-domains. Their work covers products, services, advisory, monitoring, response, resilience and critical technologies.

Research and education build the next generation of expertise. Public institutions connect cybersecurity to preparedness, regulation and the needs of society.

FISC brings these actors together and supports cooperation between industry, authorities, education and international partners.

Cybersecurity is created in collaboration.

AI-assisted secure development — from the first commit to the boardroom.

CYBERISMO!

www.cyberismo.com

INSTA

Security and trust in a changing world

insta.fi/cybersecurity

No Digital Technology Without Cybersecurity

Every organization faces different needs. Our companies cover the full spectrum. Together, these capabilities turn cybersecurity from theory into practice and bring security expertise into daily operations, value chains and strategic decision-making.

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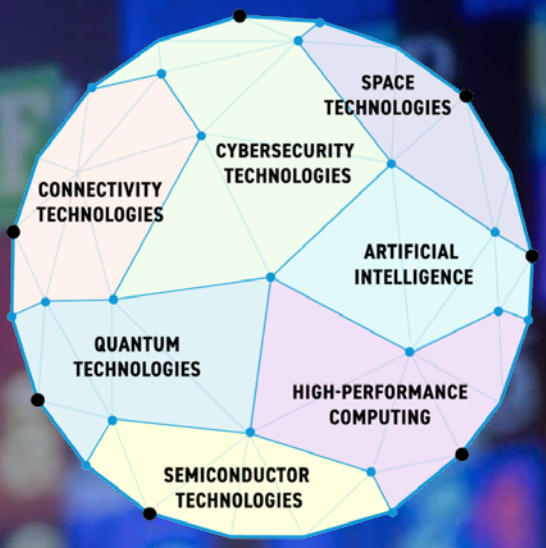
Security is built step by step.

Cybersecurity is one of the critical technologies — and a condition for all the others. Space, AI, quantum, connectivity, semiconductors, high-performance computing: none of them is deployable, trusted or competitive without security built in. In critical technology, cybersecurity isn't a segment of the market. It's the entry requirement.



Cybersecurity Value Chain

How cybersecurity offerings in Finland align across the end-to-end value chain

Cybersecurity begins with understanding what must be protected, where the dependencies are and what must continue in all conditions.

The value chain includes risk identification, advisory services, technologies, products, monitoring, response and continuous development.

Finnish companies operate across these areas, often with deep specialisation in demanding fields.

The value chain includes

- Risk identification and advice
- Technologies, products and services
- Continuous monitoring, response and development

Cybersecurity Value Chain - Technologies Mapped

Governance & Risk

- Governance, Risk & Compliance
- Cyber Risk Management Solutions (incl. consumer-facing)
- Sustainable Cybersecurity Capacity Development
- Continuous, Role-Based Security Training Platforms

Secure-by-Design

- Software Assurance Maturity (Secure-by-Design)
- Quantum-Safe Cryptography & Advanced Encryption
- Security Chips & Cards
- Zero-Trust and PKI Solutions

Continuous Improvement

- Cybersecurity RDI (Research, Development & Innovation)

Protection & Control

- Identity & Access Management (IAM)
- Network Security Solutions
- Mobile Communications Security
- Secure & Resilient Mobile Network Infrastructures
- Industrial Cybersecurity Solutions (OT)

Recovery & Resilience

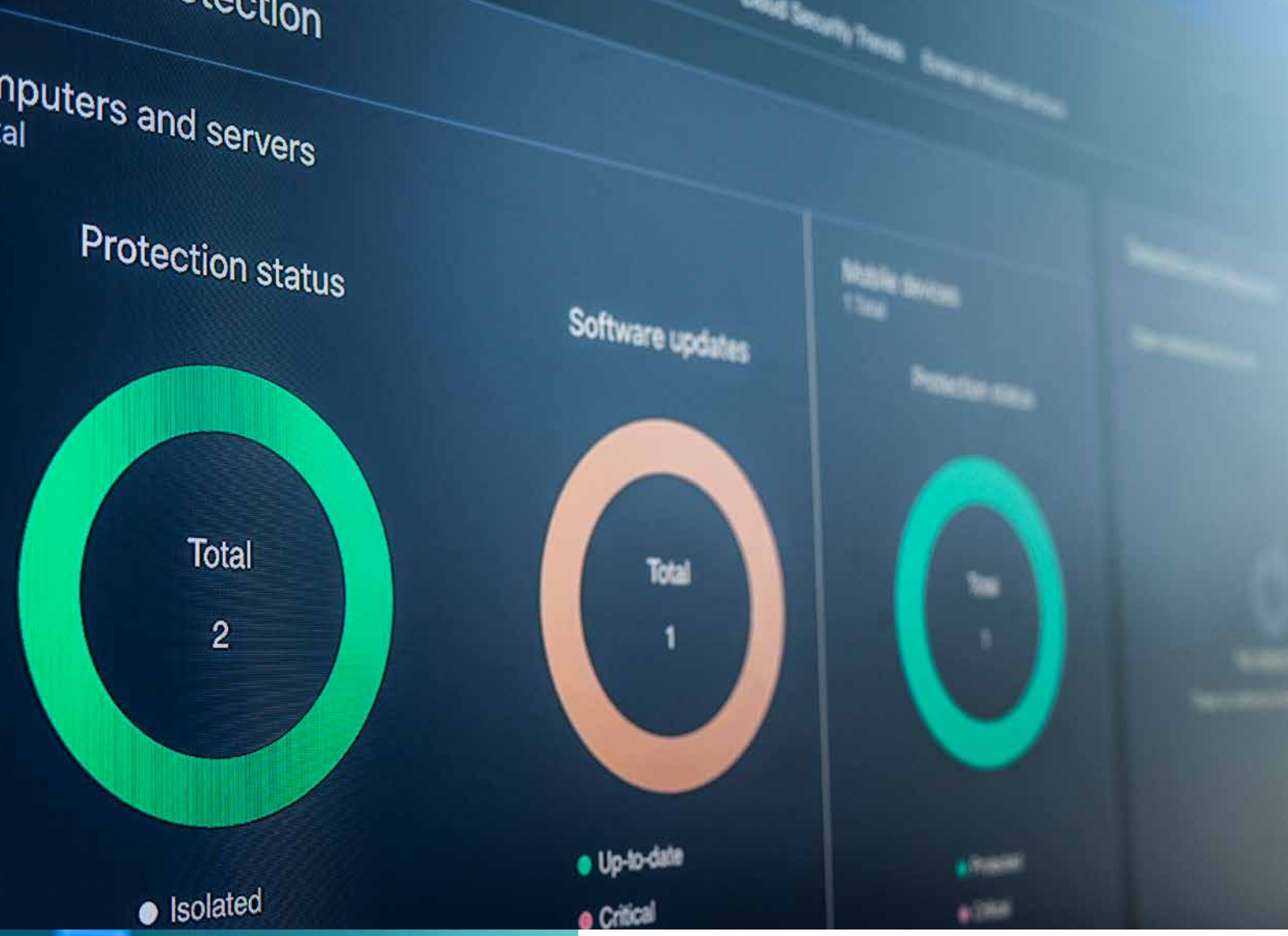
- Detection, Response & Recovery Solutions
- Cybersecurity Testing & Assurance

Response & Containment

- Cybersecurity Operations (SOC, DFIR, etc.)
- Cybersecurity Adversary Simulation

Detection & Visibility

- Early Warning Systems for Digital Threats
- Continuous Infrastructure Monitoring & Situational Awareness
- AI Cybersecurity Solutions



From regulation to resilience

Leveraging regulation for success

Cybersecurity regulation is raising the level of security in Europe.

For companies, this means clearer responsibilities, better risk management and more attention to suppliers and value chains. When implemented well, regulation can also create a more predictable operating environment for companies.

The purpose is to transition from compliance to capability.

FISC works to ensure that regulation improves security, supports competitiveness and works in practice for those who implement it.

Good regulation strengthens trust and growth.

Secure value chains, stronger society

No digital service stands alone. Everyone depends on a chain of suppliers, platforms, software, data and infrastructure.

No single organization can secure that chain by itself. Preparedness is built together. The result reaches beyond individual businesses: secure value chains keep companies running, critical services available and society resilient.

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FISC strengthens the industry

An industry alliance with purpose

FISC is an industry alliance and trade association for cybersecurity companies and communities operating in Finland.

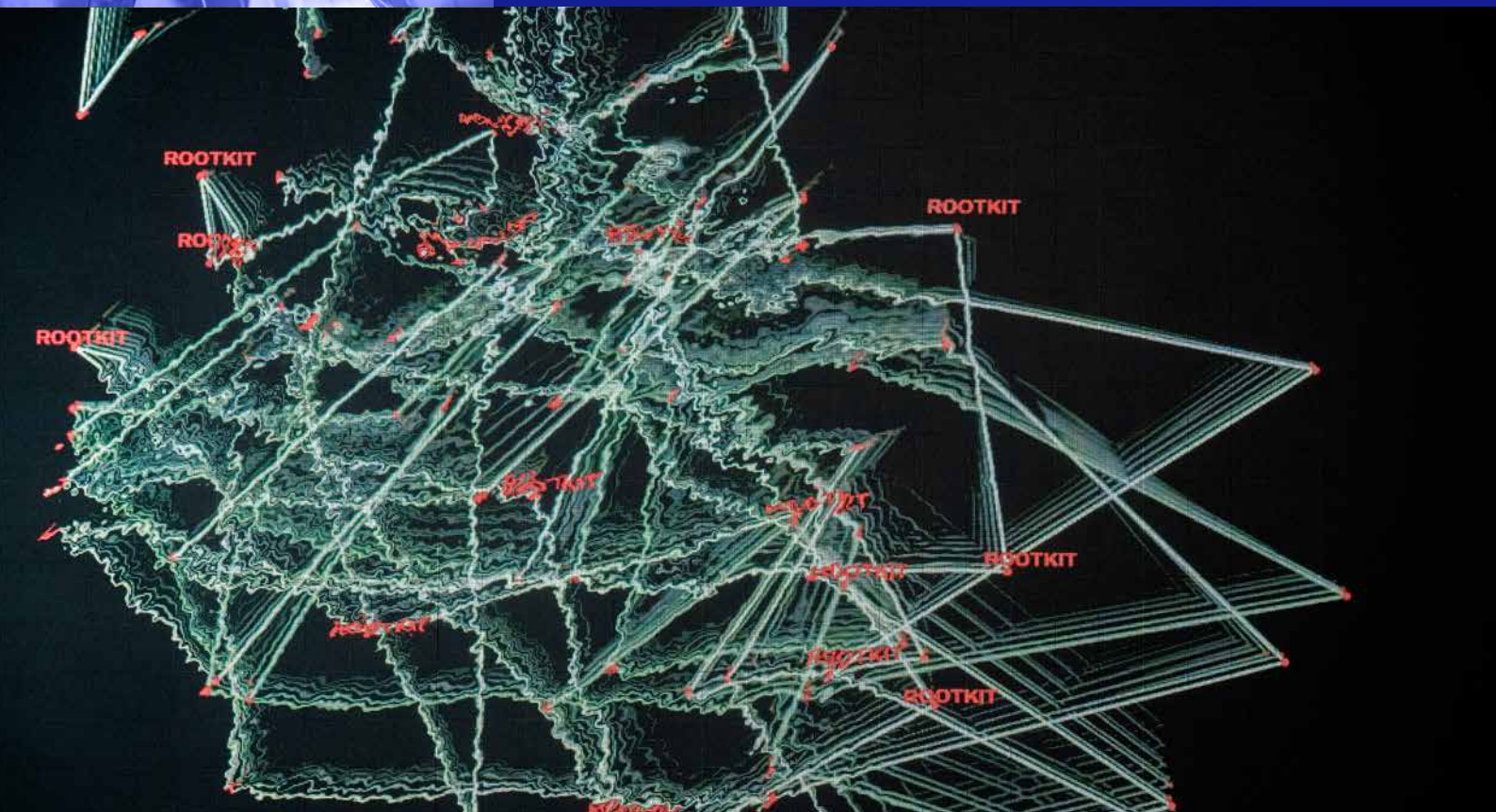
Our mission is to promote and support the competitiveness of the industry, as well as digital security at national and EU level, in cooperation with public administration, businesses and civil society.

We work closely with Technology Industries of Finland and its industry branches and influence EU decision-making both directly and through European peers.

Advocacy and impact

We ensure that the views of our member organisations are considered in decision-making. We actively shape the regulatory and policy environment nationally and at the EU level and work to enhance the image and demand of the Finnish cybersecurity industry.

We shape Europe's cybersecurity policy and practice — and deliver an industry the world can trust.



GURULOGIC
MICROSYSTEMS OY

QUANTUM-SAFE NETWORKING. SECURE COMMUNICATION WITHOUT A TRACE.

Identity-driven architecture for resilient communications, trusted control, and RAM-native secure sessions.

1 QUANTUM-SAFE NETWORKING

IDENTITY-DRIVEN CONTROL
Trust, policy enforcement, and communication control decoupled from the physical layer.

LIGHTWEIGHT SECURE OVERLAY ARCHITECTURE
Engineered for next-generation cyber resilience and agile, policy-aware routing.

BUILT FOR CYBER RESILIENCE AND CRITICAL OPERATIONS
Resilient links for critical operations across defence, energy, finance, health, and more.

TRUSTED CONNECTIVITY FOR GLOBAL HIGH-SECURITY ENVIRONMENTS
Data, policy, and control remain within your trusted environment.

A uniquely identity-driven network architecture designed for secure communications, resilient policy control, and next-generation cyber resilience.

2 STARWINDOW® RAM PHONE

Example manifestation of the architecture

NO PERSISTENT CALL HISTORY OR CONTACTS STORED ON THE DEVICE
Nothing stored. Nothing exposed.

KEYS FETCHED PER SESSION
Cryptographic keys are retrieved and removed in every session.

SESSION DATA EXISTS ONLY TEMPORARILY IN RAM
All data lives only for the duration of the session. Wiped instantly.

ACCESS BOUND TO IDENTITY AND POLICY
Communication is bound to organizational identity and policy.

Starwindow® RAM Phone extends the architecture into secure communication sessions with zero-footprint behavior and RAM-native protection.

TECHNICAL DIFFERENTIATION

- IDENTITY-BOUND CONTROL PLANE
- RAM-NATIVE SESSION SECURITY
- QUANTUM-SAFE-BY-DESIGN NETWORKING

BUILT FOR GOVERNMENTS, CRITICAL INFRASTRUCTURE, AND ORGANIZATIONS THAT REQUIRE TRUSTED SECURE COMMUNICATIONS.

gurulogic.com | info@gurulogic.fi

Join the Finnish cybersecurity community

A community built for growth

Our triple-digit community of organisations brings together listed companies, multinationals, scale-ups, start-ups and research and education institutions.

Members gain cost-effective access to intelligence on regulatory changes, business opportunities and technology risk. They receive support for project funding, export markets and cross-border outreach and find partners for joint ventures and RDI collaboration.

Through FISC, members can join industry events and reach a wide-ranging European network.

Visibility, networks and member benefits

FISC members gain visibility as expert organisations and benefit from the trust that comes with being part of a responsible, recognised ecosystem.

The community offers working groups, industry dialogue, networking opportunities and practical cooperation with companies, authorities, research organisations and international partners.

For members, FISC offers

- Advocacy at national and EU level
- Information on regulation, markets and technology risk
- Working groups and professional networks
- Support for growth, exports and RDI cooperation

TUNNINEN

IT'S ALL CONNECTED.

Data Management Platform (DMP)

Data Platform that governs data from edge to enterprise.

tunninen.fi

info@tunninen.fi

+358 9 273 1366

Discover cybersecurity expertise from Finland

FISC connects companies, experts and partners working to strengthen digital security, resilience and trust.

Visit: www.fisc.fi

Cyber Risk Management Directory:
teknologiateollisuus.fi/fisc/en/cyber-risk-management-directory/

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when
cybersecurity matters

cloud / networks / wireless / devops / scada / ics / iot
containers / serverless / automation / behavioural analytics
insider threat / managed service / security as a service / soc
network architecture / best practice review / roadmap workshop

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