Estonian ICT Cluster and Defence Estonia Cluster in Geneva
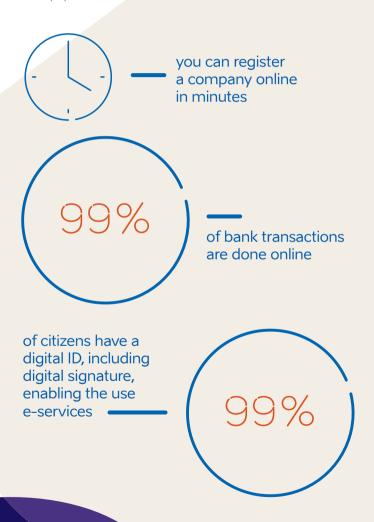
29.-31.01.2020

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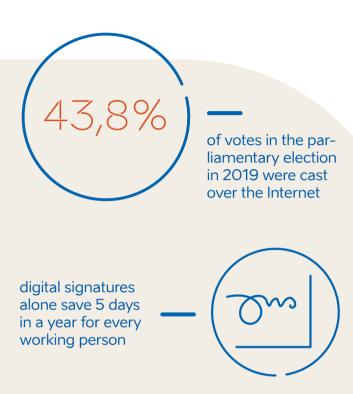# Estonian ICT Cluster
and Defence Estonia Cluster
in Geneva

29.–31.01.2020

in Estonia

we believe that a digitally educated and connected society is the way to a wealthier, smarter, and happier nation

you can register a company online in minutes

99%

of bank transactions are done online

of citizens have a digital ID, including digital signature, enabling the use e-services

99%

43,8% — of votes in the parliamentary election in 2019 were cast over the Internet

digital signatures alone save 5 days in a year for every working person —

seamlessly working e-services allow us to spend our time more reasonably instead of waiting in line or mailing hand-signed documents

DEFENCE ESTONIA CLUSTER

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Defence Estonia Cluster Manager

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Established: 2009

The Defence Estonia Cluster is a non-profit organisation representing Estonian companies in defence, security and space field. It is a network for international cooperation and export to enhance the cooperation between Estonian companies, R&D institutions and clients (tirple helix).

Cluster and its members participate in international projects to increase export capability and sales of the Estonian companies on defence and security markets.

The cluster supports innovators by facilitating networking, fostering collaborative R&D, and providing companies with personalized assistance throughout all phases of business growth.

The Clusters' target is to increase the export volume of Estonian defence and security industry tenfold by the year 2029.

ESTONIAN ICT CLUSTER

ESTONIAN ICT CLUSTER

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Project Manager, e-Governance

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Established: 2000

Estonian ICT Cluster is a non-governmental and non-profit organization created in order to transfer Estonian knowledge about how to build most advanced digital societies in the world. We have experience in setting up an e-Government that works on a large scale and for that we operates on a one-stop shop logic.

Seamlessly working digital services increase the potential for economic growth and and has a demonstrable and tangible impact on improving citizen participation and quality of life as a result of effective multi-stakeholder partnerships.

The cluster combines companies that are key players behind Estonian e-governance solutions. We are willing to share our experience of creating effective lines of communication between the government, businesses and citizens.

The benefit of cooperating with the Estonian ICT cluster is end–to–end approach by:
- getting political and legal drafting consultation;
- receiving change management support;
- getting help with capacity building;
- technology implementation.

AKTORS

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Established:	2006

Our company concentrates on software development, starting from feasibility and requirements analysis up to the implementation and end-user training.

Aktors operates mainly in three sectors:
- E-government solutions — mainly X-Road information exchange layer-based solutions for different countries (for instance, Estonia, Finland, Palestine and Azerbaijan). Development of Court Information System in Sulaymaniyah region in Kurdistan.

- Financial and banking industry — software for payments, clearing and settlement, deposits, loans, leasing, financing, securities and portfolio management, internet and mobile banking, credit card communication, teller solutions, financial accounting, government treasury etc.

AKTORS

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Established:	2006

- Defence sector — Aktors is an industrial partner in NATO Alliance Ground Surveillance (integrated C4ISR system).

Our main customers are both in private and public sector, from government agencies to commercial banks and system integrators.

CYBEXER TECHNOLOGIES

CYBEXER TECHNOLOGIES

MR. LAURI ALMANN
Co-founder

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Established:	2016

CybExer Technologies is a NATO-awarded Estonian cybersecurity company with the mission to empower people and organisations in ensuring their cyber security. CybExer's focus is on the human aspect of cybersecurity — to ensure that risk factors related to human behaviour are minimised and to enable swift decision-making and rapid operational response to potential and actual cyber threats. CybExer offers strategic and technical level cyber exercises and training, cyber hygiene e-lerning platform and various visualization tools that increase situational awareness.

CybExer's services and proprietary software have been built with the needs of the client in mind. We offer the full spectrum of solutions, from our independently deployable standard solutions to fully customised based on substantial client-expert interaction, and everything in between. Together with our delivery partners, we offer a comprehensive roadmap towards ever increasing robustness and continuity in the face of evolving cyber threats. CybExer's risk-based approach helps organisations prioritise their investments and efforts to improve readiness and effectiveness within their budget constraints.

DEFSEC**INTEL**®
Your Partner in Surveillance & Control

DEFSECINTEL SOLUTIONS

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Established:	2018

DSI is focused on AI, development and integration of autonomous and automated surveillance solutions for homeland security and critical infrastructure sectors. DSI's main product SmartSHIELD is a situation awareness system.

SmartSHIELD situation awareness system is designed for:
- Critical infrastructure territories and area refugee camps surveillance
- Land and Coastal surveillance
- Peacekeeping missions and camp monitoring and protection and temporary surveillance operations.
- Police operations

GoSwift
QUEUE MANAGEMENT SERVICE

GOSWIFT

MR. HANNES PLINTE
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Established: 2011

GoSwift has been operating a virtual queuing and online booking system for borders, ports and tourist attractions since 2011. GoSwift solutions are increasing security and facilitating movement of goods and people at country land borders. GoSwift operates in 4 countries – Finland, Russia, Lithuania and Estonia, at 9 border crossing points, using a Public Private Partnership (PPP) model.

In 2013, GoSwift was nominated as one of the best e-services in the world, by World Summit Award, contest to select and promote of best practices in digital innovation with local relevance, content depth and user value from all UN member states.

In 2015, GoSwift won the OECD's International Transport Forum "Transport Achievement Award" for its outstanding results in solving border crossing transport issues resulting in growth of tourism and trade.

guardtime

MR. RISTO HANSEN
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Established:	2007

Guardtime is the world's leading enterprise blockchain company.

Our core KSI blockchain is the only technology that provides verifiable digital truth at a massive scale. KSI is accredited by the US, China and EU and has proven itself with demanding clients in healthcare, insurance, financial services, government, defence and telecoms.

Guardtime's offerings include:
- Cloud Governance and Security. Real-time control, audit and breach remedy. Solves data sovereignty and cloud trust safeguards against insider threat and unauthorized third-party access, technical malfunction.
- Supply chain. Ensure the integrity of digital and physical supply chains across borders and parties with transparency, accountability, automation, e.g. for global humanitarian logistics.
- Secure Value Documents. Extend digital signatures to paper documents and replace existing physical IDs, e.g. issuance of temporary documents in crisis situations.

Helmes

HELMES

MR. TARMO KIIVIT
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Established: 1991

Helmes is the 2nd largest IT company in Estonia with 800 employees and 40 million revenue. For over 29 years in business Helmes has provided custom software development services to more than 500 organizations.

Helmes' key products and services are:

- Service Digitalization (online and mobile service design; pre-tailored self-service solutions; automated back-office service function; Custom software development).
- Complex Integrations (data exchange solution responsibility for integration; common facade development; SOA solution design and implementation, augmented reality solutions).
- Corporate start-up service (We can design and develop business-critical software solutions using agile methodologies in a cost effective and efficient manner resulting in a successful pilot or a most viable product (MVP) in 4 to 6 month).
- Data-driven and real-time economy solutions.
  - Tailor-made machine learning and augmented reality implementation.

Helmes has been digitalization partner for OECD last 6 years.

Reach>u

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Established:	1989

Reach-U has 28 years of experience across 5 continents, delivering solutions to a wide variety of clients, ranging from local municipalities and smart cities to world-leading telecoms.

We combine our expertise in data analytics, GIS solutions and agile ISO-ceritified software development to provide our clients with complete service, starting from policy definition until the solution delivery.

Reach-U has implemented several successful projects targeted to improve public services, react to the crisis, or just saving lives utilising data. Congestion pricing in Santiago de Chile, earthquake crisis management in Chile, or pilgrims security in Saudi Arabia are just few examples.

PROUD ENGINEERS

PROUD ENGINEERS

MR. ANDRES KÜTT
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Established: 2016

MR. KASPAR KALA
Chief Legal Officer

Proud Engineers solves complicated challenges. We help governments and large corporations solve the challenges to building inspiring digital futures.

If it's digital, Estonian and inspiring, chances are it was dreamed up by one of our team. Founded by Taavi Kotka, Estonia's first Chief Information Officer and one of the most titled visionaries in European Union, Proud Engineers convenes the persons who have shaped the Estonian digital transformation. Our team of digital society "engineers" includes the former Chief Information, Chief Legal and Chief Technology officers of Estonia and data privacy and innovation ecosystem experts, program leaders, software engineers, user experience designers. All have hands-on experience in implementing elements in the digital ecosystem including e-residency, automatic tax-fraud detection, the world's first data embassy, the no-legacy policy to avoid lock-in of system mainte-nance costs, etc.

RAULWALTER

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Established: 2008

Our core expertise embraces providing trust services and identity management solutions, including the creation of a strong digital identity as well as identity tokens, personalisation and issuance, security in electronic environments, and integration between governmental and private data sources. In addition, our experts have comprehensive hands-on experience in cybersecurity area, for instance in building Cyber Security Incident Response Teams.

Since the use of eID has broad applicability, RaulWalter may serve as a useful partner in the context of managing the migration crisis. The benefits arise in the registration process by associating to persons a unique set of identification data set which would simplify record matching. Furthermore, trusted electronic identity could facilitate asylum seekers for accessing numerous public as well as relevant private services.

RaulWalter ensures the desired combination of management consulting, technical, strategic and legal expertise and operational knowledge to deliver coherent and well-functioning solutions in dimensions of digital and electronic identity, and cybersecurity area.

SEMETRON

SEMETRON

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Partner

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Established:	1992

Semetron Golden Hour MMH is a new generation rapid deployment mobile modular field-hospital which consist of 2in1 and 3in1 container modules transportable via air, sea or land as standard 20ft containers. All modules have 20 min deployment and repack time, all-included solution, 72h independent capability in +50C to -40C. Modules can be used independently or as a part of modular hospital for disaster management.

THREOD SYSTEMS

THREOD SYSTEMS

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Established:	2012

Threod Systems specializes in developing, producing and operating Unmanned Aerial Systems (UAS), that are designed for information collection, enabling improved situational awareness and decision making in both governmental and civil applications. Our unmanned platforms are built for the most demanding customers, allowing them to carry out missions in any part of the world. Our fleet encompasses both fixed-wing and multi-rotor type platforms paired with sensor packages that are developed and produced in-house.

World-leading flight endurance capabilities combined with advanced optical and thermal sensors allows for the collection of valuable information during natural disasters or humanitarian crises. The UAS can be adapted to different missions such as medication or supplies delivery to otherwise inaccessible locations, investigation of incidents, traffic management, city mapping, search and rescue, event management and many more.

By choosing Threod Systems the client acquires a complete vertically integrated solution with lifetime support from a single provider.