



**SUOMI
FINLAND**



SUCCESS IN COOPERATION

**CRITICAL COMMUNICATIONS
FROM FINLAND**

The global Critical Communications sector gathers in London, UK for the annual Critical Communications World event organized by TCCA continuously since 1998.

TCCA brings the entire value chain together and represents the sector among others in technology standardization forums such as 3GPP for 5G and 6G.

This time in London, in the home country of Emergency Services Network (ESN), in addition to traditional Public Safety, Utilities and Transport also Defense participates stronger than ever via the rise of dual use products.

Finland was the first country in the world to deploy a nationwide, multi-agency TETRA network, Virve, launching as early as 2002. Now, once again, Finland is the front-runners in adopting new technology benefits for public safety services. As the first country in Europe, Virve 2, nationwide Mission Critical Broadband service is now in operational use.

By sharing our experiences and best practices, we aim to support and accelerate the digital transition of other countries, whilst jointly driving the common innovation and standardization to establish a healthy, interoperable multi-vendor market.

Finland's ecosystem in this domain is exceptionally strong. Many innovations have been driven by practical needs—how to do more with fewer resources and how to maintain high-quality service across vast geographic areas. We are ready to showcase solutions that have been rigorously tested and proven in some of the world's most demanding conditions. These solutions can be adapted to suit your operations regardless of your operating model.

We warmly welcome you to the Finnish pavilion D20 and to share the success in cooperation!

#SUCCESSINCOOPERATION

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WHY FINLAND?

Finland is a country at the forefront of high-level technologies and digital solutions. This is also the case with protecting our critical infrastructure.

The Finnish value promise is high-quality, reliability and cutting-edge technology. Finnish companies take great pride in respecting their customer and keeping their promises. We Finns are known for listening and giving honest answers to customers' needs and questions. In Finland, actions speak louder than words. You can be certain that Finnish companies will deliver.

Finnish capabilities

Finnish companies have deep expertise in their own technology areas and, as a cluster, they meet a wide variety of client needs. These dual-use technologies can be used to further boost defense capabilities and society's resilience.

Finland takes pride in its comprehensive approach to security, where all areas of society, be it civilian or military, jointly contribute to resilience. Being prepared to counter hybrid threats of today's world requires deep skills in cybersecurity and civil protection, which Finnish companies can provide.

#1

ADAPTATION OF MISSION-CRITICAL BROAD-BAND IN EUROPE *)

#1

UTILIZATION OF DIGITALIZATION IN THE EU **)

#2

MOST STABLE COUNTRY IN THE WORLD ***)

*) Omdia

**) EU State of the Digital Decade 2024

***) Fragile States Index 2024

Photo: Erillisverkot

CRITICAL COMMUNICATIONS FINLAND (CCF)

– FINLAND IS A PIONEER IN MISSION CRITICAL COMMUNICATIONS

The Critical Communications Finland ecosystem covers all related sectors starting from defence, Public Protection and Disaster Relief (PPDR) i.e. police, rescue, ambulance etc., critical infrastructure such as power utilities, transport and resource industries.

Further, it spans over the entire critical communications value chain from end user, agencies, critical communication operator, public operators, integrators, network, device and accessory providers, application developers, training, planning and consulting.

The CCF ecosystem seeks cooperation and exchange of best practices globally. It identifies solution requirements and the way forward with an excellent track record.

CCF is the coordination entity that builds trust and success through international cooperation between governmental and non-governmental stakeholders with end-to-end expertise across the entire lifecycle.

If you're interested in exploring opportunities together, we warmly invite you to get in touch. Together, we can achieve true success through cooperation.

WEBSITE

www.criticalcommunicationsfinland.fi



BUSINESS FINLAND

Find out how Finnish Critical Communications expertise can help you to succeed in securing your operations, agencies or society at large.

Business Finland is a Finnish government organization that provides innovation funding and internationalization services, promotes travel and investments, and attracts talents to Finland. Business Finland's around 450 experts work in 12 offices globally and in 15 regional offices around Finland. Business Finland is part of the Team Finland network.

We promote collaboration between companies and research groups and government entities across different markets to support mutual benefits via trade.

Business Finland supports ecosystems to improve opportunities to innovate, grow and succeed. In cooperation with key ecosystem partners like CCF, we connect you to the right contacts and resources.

We would love to welcome your delegation to visit Finland and meet the key critical communications governmental and non-governmental stakeholders.

WEBSITE

www.businessfinland.com

BUSINESS FINLAND

VIRVE USER ORGANISATIONS

EXAMPLES

Ministry of the Interior

The Ministry of the Interior is the ministry for internal security. The Ministry's vision is a safe and secure society in all situations. It is responsible for:

- public order and security, police administration and the private security sector
- migration as well as international protection and return migration
- Finnish citizenship
- rescue services
- emergency response centre operations
- border security and maritime search and rescue services
- national capabilities for civilian crisis management
- joint preparedness of regional authorities for incidents and emergencies.

WEBSITE

intermin.fi/en

Police of Finland

Emergency Response Centre Agency

Border Guard

Rescue Services



**Ministry of the Interior
Finland**

Ministry of Social Affairs and Health

is in charge of the planning, guidance and implementation of health and social policy. Our mission is to safeguard people's ability to work and function.

WEBSITE

stm.fi/en

HUS Helsinki University Hospital

is the biggest health care provider in Finland. We are responsible for organizing specialized healthcare in the Uusimaa region. In addition, the treatment of many rare and severe diseases is nationally centralized to HUS. Our expertise is internationally recognized and accredited. As a university hospital, we continuously develop and evaluate our treatment methods and activities.

WEBSITE

www.hus.fi/en

National Emergency Supply Agency

The National Emergency Supply Agency (NESA) is an organisation operating under the Ministry of Economic Affairs and Employment. It is tasked with planning and operative measures related to developing and maintaining security of supply. In cooperation with other authorities and the private sector, the NESA ensures that the continuity of the critical functions of Finnish society can be safeguarded during crises and disruptions.

WEBSITE

www.huoltovarmuuskeskus.fi/en

Traficom

The Finnish Transport and Communications Agency Traficom ensures smooth, sustainable, safe and secure transport and communications connections and services, and promotes cyber security in Finland.

WEBSITE

traficom.fi/en

ERILLISVERKOT

– BUILDING SECURITY TOGETHER

Erillisverkot is a Finnish state-owned company with a special mission: we provide authorities and critical infrastructure operators secure and reliable ICT services under all conditions. We ensure that Finland is the safest country in the world now and in the future.

We want to be the best partner for Finnish authorities and critical infrastructure operators.

- We maintain and develop network and infrastructure services for the security network
- We evolve Virve network towards mission critical broadband services
- We offer Finnish secure cloud and data center services
- We maintain and secure national critical infrastructure

Our clients include the Finnish defence forces, emergency services, police, social and health care providers, the border guard, customs, as well as many critical private sector operators in the security of supply.

Erillisverkot is a special purpose company with the Finnish Prime Minister's Office responsible for its ownership steering. Our main office is located in Espoo and we have approximately 300 employees across Finland.



CONTACT

www.erillisverkot.fi/en

Social media: @erillisverkot



Erillisverkot

AIRBUS

– PREVENT, PROTECT AND RESPOND

OUR SOLUTION

Airbus solutions and integration services help protect people, borders, maritime areas and critical infrastructure.

We provide secure communication solutions for public safety and critical industries based on TETRA, Tetrapol and LTE/4G/5G technologies. With secure communications, we combine Agnet MCX solution with extensive Satcom capability knowledge to provide reliability, flexibility and security to operational communications across the globe.

Our cybersecurity design and integration are complemented with managed and cloud-based services. Airbus satellite imagery and related services give access to imagery and reference layers from the smartest constellation by combining radar and optical satellites.

BENEFITS FOR CUSTOMERS

We help secure people, nations and our environment by providing supe-

rior operational views and data from trusted sources to form better situational awareness to support smart measures in the field.

Our expertise in Finland consists of two program units: Public Safety and Security and Connected Intelligence.

In Finland, Airbus has a strong competence center for TETRA and LTE/4G/5G communication solutions, including a mobile application ecosystem and integration services for sensors to secure networked airborne communications. Airbus has a partnership agreement with Finnish Defence Forces since 2020.

COMPANY

Airbus is a dynamic company that continuously adapts its offering to provide better and more customized solutions through innovation and integration of new technologies.



Delivering the
future of critical
collaboration

AIRBUS

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AIRBUS

BEACONSIM

CRITICAL TWINS FOR PLANNING AND LEARNING

OUR SOLUTION

Beaconsim provides digital twin-based training and planning tools that ensure operational readiness before, during, and after technology migration.

Our virtual communication environment enables you to plan the new procedures and train the users with scenario-driven exercises even before the new system is up and running. As the digital twins ensure learning you can be sure that the users know how to operate when it matters most.

Beaconsim covers the whole range from standard eLearning modules to tailored on-premises solutions. We can deliver digital twins of your radios, smart phones with MCX applications, pagers and dispatching, regardless of the technology and brand.

BENEFITS FOR CUSTOMERS

Our realistic, interactive, scenario-based training environments allow your organization to:

- Plan new communication workflows
- Train users safely before and after go-live
- Simulate hybrid P25/TETRA/MCX environments
- Validate communication procedures
- Reduce operational errors
- Ensure everybody has learned the new way to communicate

COMPANY

Beaconsim's simulator development started in 2002 when we delivered the first learning system to a Virve user organization in Finland. Since then, we have delivered systems to our customers in more than 30 countries.



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BEACONSIM

BITTIUM

OUR SOLUTION

Bittium delivers secure communications for organizations operating in critical and high-security environments, where confidentiality, sovereignty, and reliability are non negotiable.

Our **SafeMove® software** suite combines quantum-safe connectivity, end-to-end encrypted communications, device and application management, and device and network monitoring. It works seamlessly across Android, iOS, Microsoft Windows, and Bittium Tough Mobile devices, enabling secure collaboration regardless of platform. The **Tough Mobile smartphones** are built from the ground up to meet mission-critical requirements. Solutions offer seamless interoperability with Bittium's tactical radios and networks.

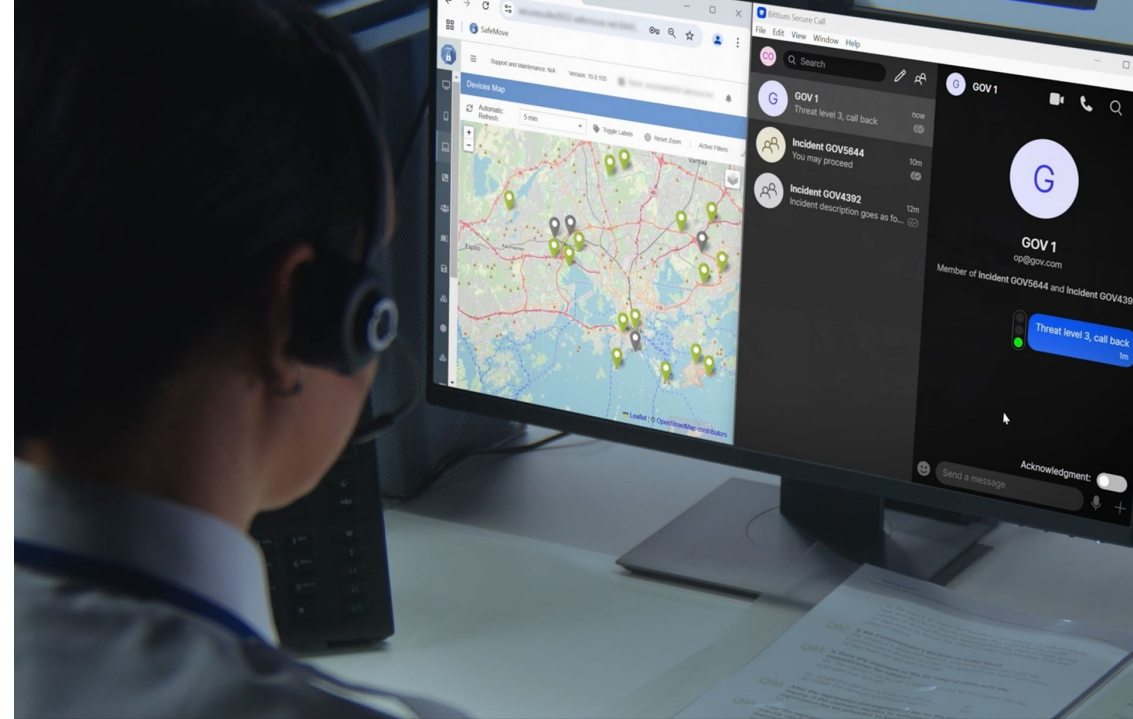
BENEFITS FOR CUSTOMERS

We help authorities and critical industries deploy and operate trusted communications over LTE/5G, tactical

networks, and hybrid architectures — supporting both national infrastructure and multi-agency operations.

- Trusted, resilient communications for mission-critical operations
- Hybrid architectures combining broadband, tactical, and secure mobile communications
- High security and sovereignty through solutions made in Europe
- Interoperability across users, networks, and operational domains
- Scalable solutions for daily operations and crisis situations

By ensuring secure connectivity and communications availability, Bittium enables better situational awareness, faster decision-making, and coordinated response in complex, dynamic environments.



COMPANY

Bittium is a Finnish technology company with long-standing experience delivering secure communications solutions for government and mission-critical users. Our expertise spans defence, public safety, and critical infrastructure, with solutions deployed nationally and internationally.

With strong roots in Finland's security ecosystem, Bittium works closely with authorities, defence organizations, and partners to deliver reliable, future-proof communications solutions built on trust, security, and long lifecycle support.

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Bittium

■ DEFENCE & SECURITY

CAREWINGS-5G

OVERVIEW

CAREWINGS-5G is a multi-partner consortium project, funded by EU Connecting Europe Facility (CEF), exploring how **5G connectivity and drone technologies** can extend care and operational response in time-critical situations. The project is implemented in **Pyhtää, Helsinki-East Aerodrome, Finland**, bringing together expertise from Aufwin, Redstone Aero, Cumucore, Poutanet, Anarky Labs, HealthFOX, Vaiscom, and LUT University (coordinator).

USE CASES

The project focuses on three real-world scenarios:

- Emergency medical response in **motor vehicle accidents**
- **Missing persons** search and rescue operations
- **Blood and sample delivery**

SOLUTION / APPROACH

At the core of **CAREWINGS-5G** is a **unified operational dashboard** that integrates data from multiple sources into a single, shared view.

This includes:

- **Drone-generated situational data**
- **Patient-related core metrics**
- Additional operational inputs from connected sensors and systems

By bringing these together, the system supports real-time **situational analysis** and improves shared awareness across teams.

IMPACT

CAREWINGS-5G enables faster, more coordinated decision-making in complex and time-critical environments.

By moving beyond fragmented data streams to a single operational view, the project demonstrates how connected technologies can better support teams in the field and help extend care beyond traditional settings.

CONTACT

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www.lut.fi/en/projects/carewings-5g

**CAREWINGS-5G**



Aufwin



HEALTHFOX
EASIER TOMORROW



pouta

Redstoneaero

vaiscom



Funded by
the European Union

GROUP COMPANY: FINNISH DEFENCE HOUSE

Finnish Defence House

Finnish Defence House is a defence-tech venture studio bridging the gap between early-stage research and fielded capability. We source, validate, and build companies that are procurement-ready, field-informed, and engineered to scale across NATO nations and allied procurement pathways. We are proud to present our studio companies.

Forged under the Nordic skies.

Crown Defence

Crown Defence develops cognitive electronic warfare and counter-UAS systems for contested spectrum environments. Its software-defined, modular architecture delivers battlefield self-protection, situational awareness, and layered airspace defence for bases, forward operating locations, and critical infrastructure. It is built

for interoperability with allied systems and aligned with NATO electromagnetic spectrum requirements.

Defence. Redefined.

Vailion

Vailion is building Europe's leading multi-domain electromagnetic stealth materials company. Its SpectrumGhostX programme comprises four commercially distinct product lines, each delivered through a dedicated partnership model and sharing a common technology core developed and owned entirely by Vailion. The performance has been validated in real operational conditions.

Redefining stealth for the new generation of defense.

Arctic Ravn

Arctic Ravn develops and manufactures high-performance drone subsystems

exclusively in Europe, sourcing components from NATO member countries to ensure traceability and supply continuity. Every solution is engineered to verified specifications, designed for production scalability from day one, and built to outperform current operational requirements in contested environments.

Arctic discretion. Ravenous on command.

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GOODMILL SYSTEMS

– SEAMLESS CONNECTIVITY

OUR SOLUTION

Goodmill Systems designs and delivers mobile multichannel router solutions for mission-critical communications in demanding environments. By combining multiple wireless networks with advanced security features, we significantly enhance reliability, coverage, and resilience. This enables public safety and government organizations to operate critical systems securely over private and commercial networks—anywhere, anytime.

CUSTOMER BENEFITS

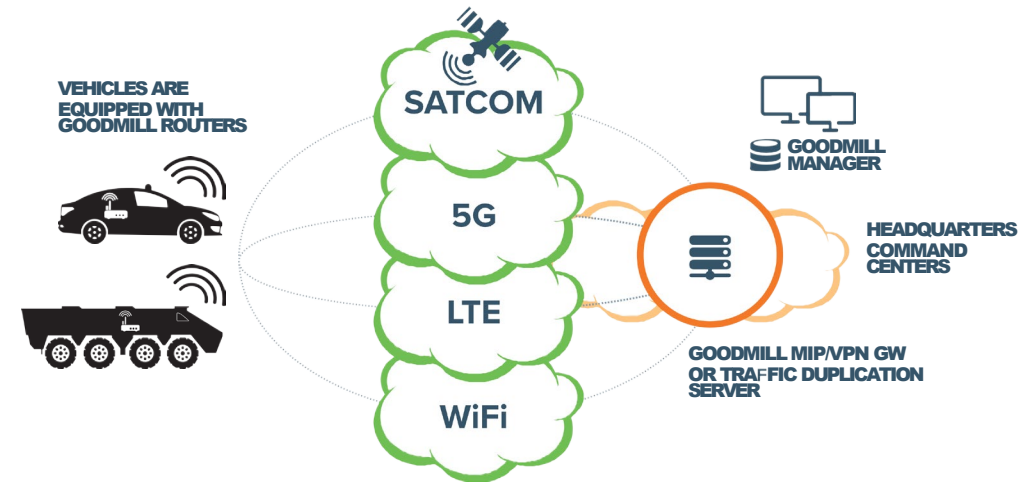
Our technology empowers customers to adopt new capabilities and operational models through uninterrupted, cost-effective mobile connectivity e.g. Trusted, resilient communications for mission-critical operations

- Real-time license plate recognition
- Situational awareness, like live video streaming from the field

- Enabling mobile units to perform all back-office tasks remotely
- Supporting distributed and dynamic response operations such as swarm tactics

COMPANY

Founded in 2005, Goodmill Systems Ltd. is a privately owned Finnish company specializing in operator-independent, reliable, and cost-efficient connectivity solutions for mobile environments. Our innovations ensure constant data flow under the most demanding conditions – where always-on connectivity is critical.



CONTACT

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GOODMILL
Always online

HMD SECURE

OUR SOLUTION

HMD Secure, a division of HMD Global, delivers sovereign, mission-critical mobile solutions for governments, defence organisations, first responders, critical infrastructure operators, and regulated enterprises.

Headquartered in Finland, HMD Secure designs and develops secure terminals that act as the core operational platform for communications, applications, and field operations. Our solutions are designed for mission-critical communications and operational environments. By combining hardware, services, and partner technologies, each deployment is tailored to meet specific security and mission requirements.

With European engineering, trusted supply chains, and infrastructure hosted in Europe, HMD Secure enables secure, resilient, and sovereign mobile communications from enterprise environments to the tactical edge.

KEY FEATURES & BENEFITS

Sovereign and secure by design

European engineering, Finnish headquarters, and trusted supply chains ensure full control over data, infrastructure, and lifecycle management.

End-to-end ecosystem integration

Terminals act as the central platform connecting software, services, accessories, and partner solutions into one cohesive operational environment.

Secure Partner Platform (SPP)

Provides full governance over the software stack, including AOSP access, controlled deployment of third-party OS and applications, and long-term lifecycle management.

Tactical and industrial modules

Fusion Pogo Pins-enabled accessories extend device capabilities with secure integration of radios, sensors, connectivity modules, and tactical equipment.



Ready-to-deploy operational ecosystem

Pre-integrated with mission-critical communications (MCx, PTT), enterprise mobility management, and secure applications through a curated partner network.

AI-enabled edge computing

On-device AI processing enables real-time analysis and decision-making in disconnected or mission-critical environments while preserving data sovereignty.

CONTACT

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JOLLA

Jolla is a Finnish technology company specializing in privacy-first OS, smartphones and local AI solutions. Jolla has developed the European Sailfish OS mobile operating system for over a decade, offering a true European alternative to the market dominated by Big Tech giants.

We develop Sailfish OS, the only European mobile OS, trusted and applied across industries globally for over a decade. Our unique, state-of-the-art AppSupport technology enables Android applications to run on any Linux platform and is used by premium car makers such as Mercedes Benz. Our privacy-focused Jolla Mind2 AI computers product line deliver local and secure AI capabilities across industries.

Choose Jolla for unmatched expertise in OS development and the unique edge to help your company tackle any OS-related projects. With over 60 successful software release deliveries and a proven track record across multiple hardware platforms, we collab-

orate with partners in the telecommunications and automotive sectors to drive innovation with our OS, smartphones and Local AI technologies.

Partner with us and benefit from our unparalleled mobile knowledge and expertise.

ABOUT JOLLA

Jolla was founded in 2011 by former Nokia engineers, building on the MeeGo operating system, and launched its first smartphone in 2013. We continue the legacy of Nokia mobiles and quality smartphones Made in Finland.

The European Smartphone



CONTACT

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WEBSITE

www.jolla.com

In CCW26 London, meet in person the team and the CEO Sami Pienimäki.

MODIRUM PLATFORMS

PROTECTING INTELLIGENT INFRASTRUCTURE TO KEEP OUR SOCIETY SAFE.

OUR SOLUTION

M COREMOTE is an AI-powered situational awareness and network assurance platform designed for mission critical communications.

M COREMOTE delivers secure connectivity and seamless coordination through live video, voice, messaging, and location sharing between teams in the field and in control rooms. In addition, it enables operators to monitor and test multiple networks in real time to spot issues early and understand how the network is performing, ensuring reliable communications, systems capacity, and service quality.

- **NSC3** – AI-Driven Group Video Sharing with Push-to-Talk and Messaging
- **TACTICS** – Positioning & Field Force Management
- **ROCS** – Role Oriented Communication

- **MANAGER** – Subscriber Management & Billing
- **MONITOR** – Network Service & Alarm Monitoring
- **NETWORK VISION** – Network Testing & Coverage Monitoring

COMPANY

Focused on platform innovation, Modirum Platforms helps organizations launch, operate, and scale mission critical services with confidence—combining security, resilience, interoperability and performance by design.

As digital infrastructure becomes increasingly interconnected and complex, trust and reliability are nonnegotiable. Modirum Platforms' technology and expertise ensure essential services remain operational and secure, with the resilience to adapt in the toughest environments.



Our successful collaborations span across Europe, the Middle East, Latin America and the USA.

WEBSITE

modirumplatforms.com/platforms/critical-communication

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NAFICON

– QUALITY, FLEXIBILITY AND UNDERSTANDING

Naficon was established in 1994 and is specialized in products for Passive Optic Networks (PON). Naficon is located in Nauvo, in the archipelago of Turku. Over the past three decades we have established ourselves as one of the leading operators on the field of end-products for optical fiber networks in Finland.

We manufacture products with all the most common connectors: SC, LC, FC and ST. All of them can be polished with UPC (no angle) and SC, LC and FC connectors are available with APC connectors. APC connectors feature fiber end face that is polished at an 8-degree angle. Other ready-made connectors, such as MTP/MPO and E2000, can be supplied using our partners.

In July 2015, we established a subsidiary in Dubai, United Arab Emirates. The name of the company is NFOM (Naficon Fiber Optic Manufacturing) LLC.

NFOM manufactures similar products as we do in Finland using the same materials and production equipment. The production in NFOM started in February 2016. In April 2017 NFOM quality management system got ISO 9001 quality certification.

Quality, flexibility and understanding are the three words that describe best the way we operate. Using high-class materials, the newest production equipment and continuous development of skills are the reasons for maintaining good quality year in and year out. We are happy to tell you more about our company and our activities – contact us!

A WIDE SELECTION OF PRODUCTS

We manufacture pigtails, patch cords and multifiber cables with connectors ready-made. Used cables are for indoor and outdoor applications according to customer needs. Beside those products we manufacture pre-terminated



fiber panels for different purposes. Besides comprehensive stock of our own products, we have all the essential PON products in stock. Adapters, splice protector sleeves, attenuators, splitters, CWDM etc.

New products are coming all the time, and you can find comprehensive information about our selection in our product catalog. On our website, you can also familiarize yourself with the technical information and instructions for our products. You can read more about the installation of our products, our projects and industry trends in the product blog on our website.

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NAFICON

NET TECHNOLOGIES

OUR SOLUTION

We build smarter, safer networks for a connected world.

Net Technologies Finland provides end-to-end network solutions, combining practical engineering, RF expertise, and mission-critical consultancy. Specializing in engineering solutions for digital transformation towards a smart and safe society and having vast experience in LTE/5G, LTE450, TETRA, Industrial Wi-Fi, LoRa/IoT, and UHF/VHF, we design, build, and optimize reliable networks for industrial, public safety, transport, and private clients.

Our services cover the full network lifecycle, from planning, rollout support, and optimization to performance validation and training. Using vendor-neutral methodologies, in-house software tools, and XR/VR and AI/IoT/digital twins applications, we deliver networks that are resilient, secure, and tailored to operational needs.

BENEFITS FOR CUSTOMERS

Net Technologies Finland delivers **end-to-end mission-critical solutions**, managing the full project lifecycle—from design to implementation, operation, and training—ensuring seamless integration and accountability. With **20+ years of international experience and deep local knowledge**, we enable faster adaptation, smooth collaboration, and compliance with local standards. Our **multi-technology, industrial-grade networks** provide reliable, resilient, and secure connectivity in even the most complex environments, making Net Technologies Finland a single partner for high-performance solutions.

COMPANY

Net Technologies Finland is a Helsinki-based high-tech ICT company supporting digital transformation and mission-critical communications worldwide. With 20+ years of experience across Europe and the Middle East, we combine technical expertise,



deep local knowledge, and a customer-focused mindset to deliver reliable, high-performance networks in complex and challenging environments. Our diverse, skilled team works collaboratively with clients to ensure solutions are efficient, safe, and socially responsible. Backed by proven methodologies and in-house tools, NETFI enables organizations to operate with confidence, no matter the technology, terrain, or operational requirement.s.

Let's build your next network with confidence.

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NetTechnologies

NOKIA

CONNECTING THOSE WHO PROTECT

Nokia provides advanced connectivity solutions that improve intelligence, safety and preparedness for first responders wherever they operate. Our ultra-reliable, and highly secure systems keep up with the demands of today's public safety operations, providing situational awareness and intelligence from command center to first responder.

OUR SOLUTIONS

- **Mobile connectivity:** LTE and 5G radio access networks, providing ultra-reliable, low-latency connectivity with extended coverage and special features tailored to critical communications.
- **Mission-critical cloud Core and applications:** Open, scalable Core with MCX – pre-integrated push-to-talk/ video/data and seamless interworking with TETRA & P25 LMR.

- **Mission-critical backbone:** Hardened IP/Optical transport – fully secured backhaul engineered for disaster resilience.
- **High-speed data-center interconnect:** High-capacity links that connect at speed and protect sensitive information end-to-end.
- **Quantum-safe security:** Defense-in-depth, quantum-safe network encryption and zero-trust, post-quantum-ready safeguards.

BENEFITS FOR CUSTOMERS

- **Total situational awareness:** live video, GIS and sensor feeds delivered to every first responder in real time.
- **Future-ready investment:** standards-based platform that evolves to 6G.



- **Instant, interoperable collaboration:** one-touch group calls across broadband and legacy radios.
- **Data-driven decision-making:** real-time analytics accelerate response and optimize resources.
- **Mission-grade resilience:** redundant self-healing systems and rapid-deploy cells keep communications live.
- **Secure data center architecture:** ready for the AI and cloud era, from first responder to international collaboration.
- **Advanced cybersecurity:** Protect critical communications and data from today's threats and stay ahead in the AI and Quantum era.

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NOKIA

ROGER-GPS

REDEFINING THE LIMITS OF GNSS

At **ROGER-GPS**, we specialize in advanced GNSS repeating technology—bringing satellite signals like Galileo, GPS, GLONASS, and BeiDou indoors and into hard-to-reach environments. Our proven solutions empower industries where positioning and precise timing are mission critical.

From telecom and public safety to defense, transport, aviation, logistics, and GNSS system providers, our customers rely on ROGER-GPS to deliver uninterrupted signal availability and reliable time synchronization over coax and fiber — even where it was once thought impossible.

INLOCIS SYSTEM

Seamless Indoor-Outdoor Positioning for Complex Environments

The **INLOCIS System** is a cutting-edge radio signal-based indoor positioning solution designed to enable accurate, real-time location tracking within large and complex structures.

INLOCIS System is ideal for airports, transportation hubs, underground tunnels, mines, industrial facilities, other complex indoor spaces and even prison personnel self-security.

Key Benefits are seamless transition between outdoor GPS and indoor positioning, high-accuracy tracking in GPS-denied environments, scalable for large, multi-level buildings, robust signal performance in dense structural environments.

Primary Users:

- **Emergency responders** – for faster location of individuals and assets in incidents
- **Security teams** – to enhance situational awareness and rapid response
- **Operations managers** – to streamline asset tracking, logistics, and workflow optimization



COMPANY

Roger-GPS Oy, based in Espoo, Finland, is the sole European manufacturer specializing in indoor GNSS repeaters, amplifiers, splitters and RF Over Fiber solutions such as GNSS timing/distribution, antenna remoting, satellite and radar comms, DAS.

Roger-GPS products support Galileo, GPS, GLONASS, and BeiDou signals, catering to critical sectors such as public safety, telecommunications, defense, and transportation. The products are CE-certified and are utilized globally across all continents.

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WEBSITE

www.gps-repeating.com



SASKEN

FROM CONCEPT TO REAL-WORLD IMPACT

OUR SOLUTIONS

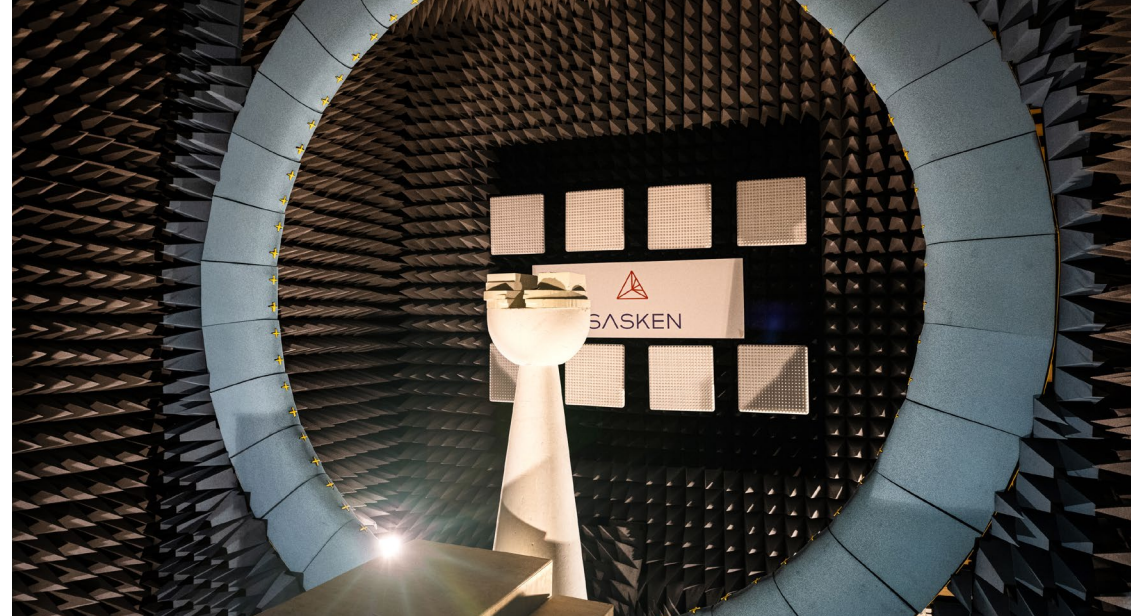
Sasken empowers customers with end-to-end product engineering and R&D services, combining deep domain expertise with agile development to solve complex engineering challenges.

- **End-to-end product development** – from concept, prototyping, and validation to production-ready systems across hardware and software
- **Embedded systems & software engineering** – scalable, high-performance software integrated seamlessly with hardware
- **Antenna, RF & electronics engineering** – design, simulation, testing, and validation for advanced wireless systems
- **AI-enabled digital solutions** – intelligent systems that enhance product capabilities and user experiences
- **Production testing & validation** – robust frameworks

ensuring quality, reliability, and manufacturing readiness

BENEFITS FOR CUSTOMERS

- **Faster time-to-market** – agile development and rapid prototyping shorten product cycles
- **Seamless hardware–software integration** – unified approach across electronics, mechanics, and software
- **Scalable and production-ready solutions** – designed for real-world deployment and long-term reliability
- **Cost-efficient development** – optimized processes reduce R&D effort and overall lifecycle costs
- **Cross-industry expertise** – proven experience across defense, satcom, semiconductor, automotive, telecom, and more



- **End-to-end ownership** – from idea to manufacturing, ensuring consistency and quality
- **Innovation with confidence** – trusted partner combining engineering excellence with business understanding

COMPANY

With offices in Kaustinen, Tampere, and Vantaa, Sasken combines deep expertise in RF, embedded systems, electronics, and software.

Our in-house labs and a global ecosystem of partners enable seamless development, validation, and manufacturing readiness. Customers rely on Sasken to accelerate innovation, reduce complexity, and build next-generation products that shape the future.

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SASKEN

STOP NOISE FINLAND LTD.

**EFFICIENCY, PRODUCTIVITY, AND SAFETY
- USABILITY IN THE CORE -**

OUR SOLUTIONS

Reliable solutions for authorities and industry.

Our accessories are developed with usability as a top priority to withstand demanding operating conditions. They are ergonomic, easy to use and safe.

Our latest innovation, the patented **Hybrid X operation device**, is a modular user interface with physical buttons that enables the functions of a smartphone and a PMR radio into one powerful device.

BENEFITS FOR CUSTOMERS

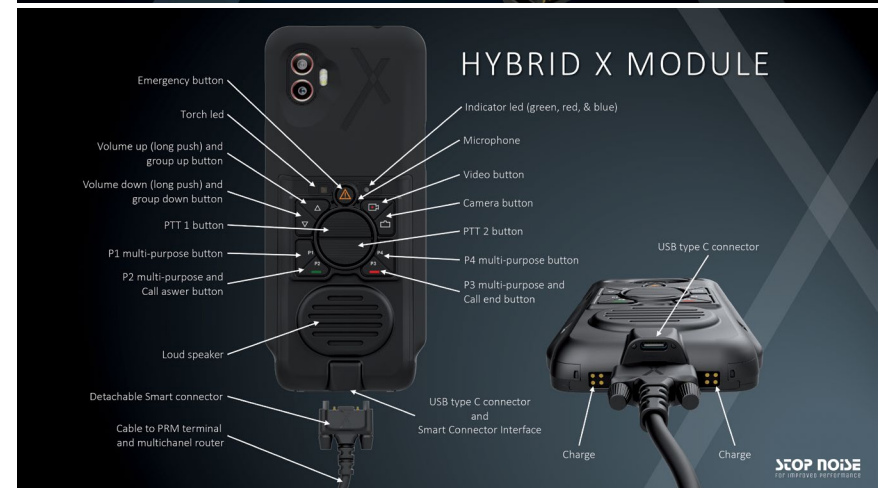
Hybrid X operation device is scalable user interface with physical buttons that can be connected to almost any smartphone. In addition, the Hybrid X operation device has a lockable interface for accessories and powerful audio. Physical buttons allow you to

use your smartphone with one hand, even when wearing gloves.

COMPANY

Founded in 1995, Oy Stop Noise Finland Ltd. is a Finnish pioneer in the development, manufacture, and marketing of accessories for smartphones and PMR radios. We specialize in developing innovative solutions that enable secure and efficient communication in critical operational environments.

Our customers include, for example, police, rescue services, defense forces, customs, border guard, healthcare, and industry. Our comprehensive product range is recognized worldwide among authorities.



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STOP NOISE
FOR IMPROVED PERFORMANCE



BRINGING INNOVATION AND BUSINESS TOGETHER

OUR SOLUTIONS

VTT develops IoT sensors and wearables as well as satellite imagery techniques with advanced AI and data analytics. We develop mission-critical communication solutions including 5G, NTN-TN communications as well as portable private and public networks covering terrestrial, maritime, underground, and aerial use cases. Our integrated satellite-terrestrial connectivity solution includes radio frequency (RF) hardware, wireless cybersecurity, network technologies and gateways for multi-network systems and edge computing. We operate 5G and beyond test networks to develop and test solutions in practice and provide autonomous systems expertise for public safety needs.

BENEFITS FOR CUSTOMERS

VTT can help you at all stages of your innovation process from idea, proof of concept, R&D and IPR to commer-

cialization. We are able to create fast pilots and precommercial products and provide solutions to a variety of challenges for companies and governmental clients.

COMPETITIVE ADVANTAGE

We develop world-class solutions for public safety and industrial cases. We cover the whole technology chain, from hardware to applications, including AI for anomaly detection. We have advanced research facilities, such as 5G/6G test network with LEO satellite capabilities, ESA MilliLab, cybersecurity war room and Future Grid Lab facility for mission-critical and communications QoS testing. In the world's largest R&D fund, Horizon Europe, we are one of the most active research organization in Europe. We are also participating the central collaboration activities related to 6G, such as the European 6G Flagship Hexa X II.



COMPANY

VTT is a visionary research, development and innovation partner for companies and the society, and one of the leading technical research organizations in Europe.

We combine applied research, advanced research facilities, interdisciplinary scientific, technological and business competence.

We promise always to think beyond the obvious.

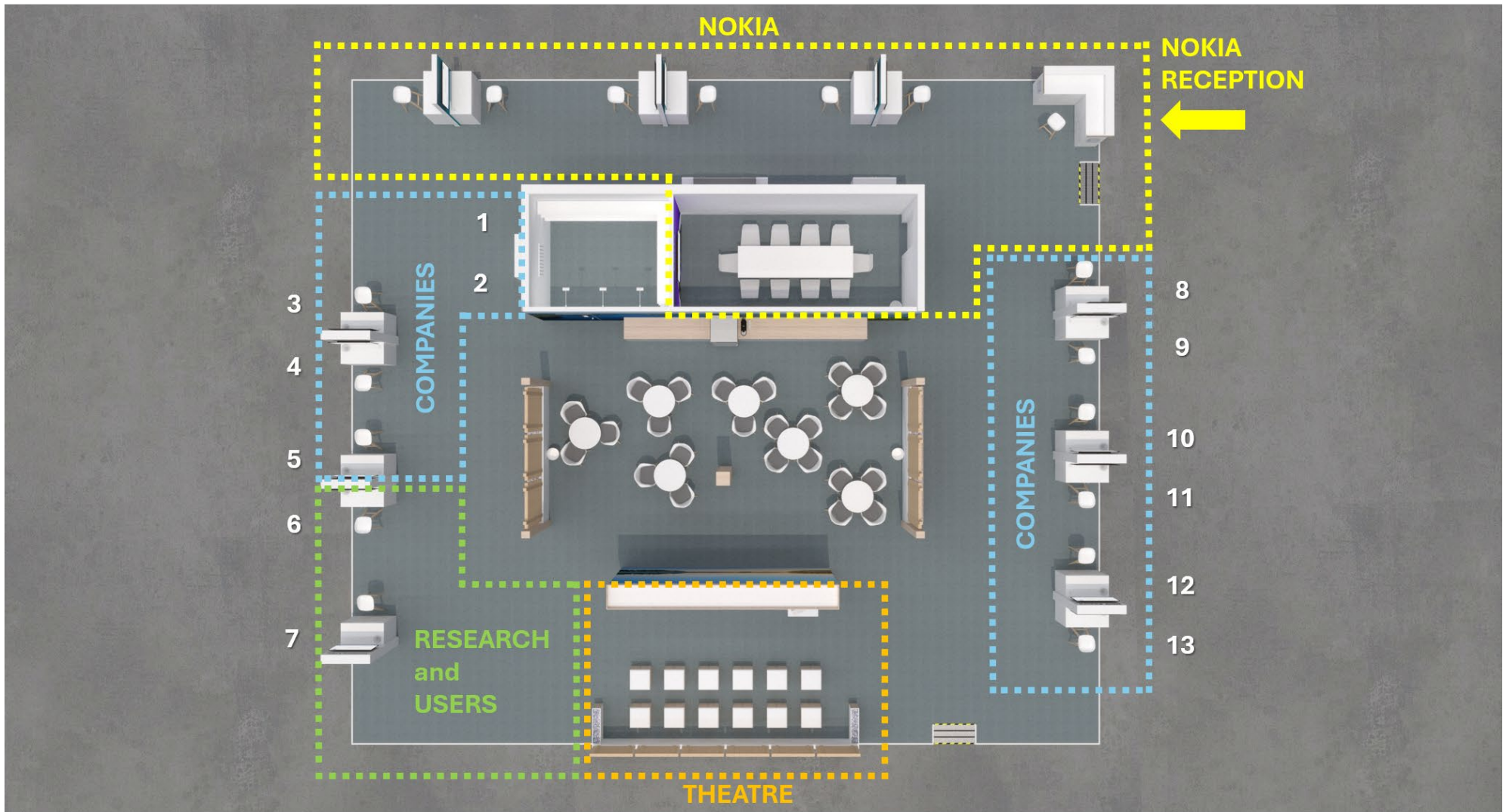
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4. SASKEN

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- 6. 5G CAREWINGS
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- 10. STOP NOISE
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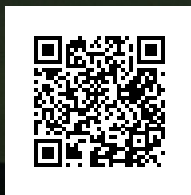
#SUCCESSINCOOPERATION



Photo: Erillisverkot,
photographer Olavi Airaksinen

BUSINESS FINLAND

SCAN THE QR CODE
FOR THE BROCHURE
INFORMATION IN
DIGITAL FORMAT



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