

From 'the Tinder of eSIMs' to Intelligent Wearables: How Estonian Companies Are Making Devices Smarter

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Tallinn, 12 November 2024 – Estonian companies are set to showcase **the next generation of IoT, automation, and intelligent manufacturing solutions** at the **Electronica 2024 in Munich**. From innovative smart wearables in sports and medicine to global eSIM, intelligent manufacturing, and tailor-made automation solutions, Estonian companies are helping to create more efficient, clever, and sustainable devices.

“Estonia’s Tech and Electronics sector is built on speed, agility, and resilience, making it an ideal ground for businesses looking to **test and scale cutting-edge solutions**,” says Arno Kolk of the Estonian Electronics Association.

“With a high efficiency, and **94% of electronics output exported**, Estonian companies are trusted by some of the world’s biggest names across telecom, industrial, automotive, medical, aerospace, defense, and security sectors.”

The Estonian electronics innovators are **ready to tackle global problems and propose solutions**:

“**Now is the perfect time to innovate** — whether by enhancing existing products or creating the next generation of electronic devices. With the next economic growth cycle starting, this is **the crucial moment to prepare for the future**,” comments Kaido Kevvai, CEO of Artec Design.

As to Taavi Jõgeva, Sales Director at 1oT, **the electronics market holds significant potential for Estonian IoT solutions**.

“The German IoT market is rapidly expanding, and new devices pop up daily, leading us towards Industry 4.0. Therefore, **companies rely more on data-driven decision-making and connected devices** that enhance operational efficiency and user experience,” remarks Jõgeva.

„At 1oT, we provide IoT companies seamless global **connectivity that allows companies to focus on innovation** while we handle the complexities of connectivity.”

Estonia: A Global Leader in Tech and a Trusted Partner for Innovation

At Electronica 2024, six Estonian companies demonstrate their expertise:

Artec Design – Innovating Smart Wearables

With over 25 years of industry experience, Artec Design showcases innovative solutions across various sectors, including a **Bluetooth BEAM signal repeater for wearables**, a **digital palpation device launched to the International Space Station**, and a **smart mouthguard for monitoring head impacts in sports**. Their healthcare technology includes **wearable lung monitoring electronics for real-time health tracking**, while their ePaper digital signage is used in European universities, such as the Johannes Gutenberg University in Mainz.

1oT – The 'Tinder of eSIM' Simplifies Global IoT Connectivity

In a world where connectivity is vital, 1oT **makes global IoT deployments simple** by providing an eSIM platform that acts as the 'Tinder of telecoms', **allowing IoT devices to find their best match across 173 countries** without negotiating deals. Offering the highest security thanks to **global GSMA certification**, device connectivity is constantly optimized to ensure performance. With the new **US SIM** launched in October 2024, 1oT also offers **full coverage across the U.S.**, allowing international IoT companies to scale their operations effortlessly.

Incap Electronics Estonia – Top-5 Exporter in Estonia

Recognized as one of Estonia's **Top 5 Exporters in 2024**, Incap Electronics specializes in high-quality prototyping, engineering, and manufacturing, including **smart meters, light electric vehicles**, and **energy storage systems**. With a **50% increase in production capacity** following the addition of new SMT lines, Incap is looking forward to meet the growing demand for flexible manufacturing solutions across Europe and beyond.

Éolane Tallinn – Intelligent Manufacturing for Telecom and Automotive

Éolane Tallinn has been offering **comprehensive electronics manufacturing services for over 30 years**. With **six modern SMT lines**, including three dedicated to the automotive industry, and a **specialization in vehicle lighting systems**, the company is well-equipped to handle both small and large production volumes. With advanced **Industry 4.0 automation** integrated into its production processes, Éolane provides **data-driven, scalable solutions** that meet the demands of global industries.

Reimax Electronics – Custom Solutions in Electronics and Molding

Reimax Electronics specializes in **tailor-made solutions in molding and electromechanical assembly, wire harness manufacturing, assemblies, and sensors**. In 2024, they introduced **plug-and-play LED light strips** designed for easy installation and optimal performance in professional lighting. Reimax is a key partner for industries seeking **durable and adaptable** technology solutions in local and international markets.

Oshino Electronics Estonia – Lighting the Way to Innovation

Oshino Electronics is an ISO-certified full-service manufacturing company offering solutions for the automotive, industrial, consumer, infrastructure, and IoT sectors. Known in the industry for its **premium vehicle interior lighting solutions**, Oshino has also developed **innovative remote-controlled sauna heater, and electric car charging modules**.

Estonia: A Strategic Hub for IoT, intelligent automation and manufacturing

Estonia's commitment to IoT, automation, and manufacturing innovation makes local companies great **strategic partners** for businesses seeking to scale globally. With a **business-friendly environment** and **high-value services**, Estonia is positioned to lead the way in **electronics innovation**.

At **Electronica 2024**, **Estonia's top companies** are ready to drive **global industry transformation** through collaboration.

Join us at Hall B1, Stand 313, to see Estonia's advances in IoT, automation, and smart manufacturing. Trade Estonia invites businesses and journalists for an informal chat and Estonian snacks on **Wednesday, 13 November, 4–6 pm**

More information on participating companies as well as images can be found here:

[Electronica 2024 — Trade with Estonia](#)

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