



*Your Partner in  
Industrial Evolution*



MECHANICS MANUFACTURING – ELECTRONICS MANUFACTURING – WIRE & HARNESS MANUFACTURING  
STERALUX – STERATOOLS – STERASMART

**STERA**  
TECHNOLOGIES

## WHO WE ARE

**Stera Technologies is a technology company that operates internationally. The company employs more than 850 highly skilled professionals in six locations in Finland and Estonia. The group's products and services include contract manufacturing services, Stera equipment and distribution cabinet products, SteraLux LED lighting systems, SteraSmart production automation solutions, and wireless production environment monitoring systems.**

### Your Partner in Industrial Evolution

We at Stera are inspired by the idea of giving our customers a competitive edge through production technology responsibly, using digitalization in an open-minded way. Our aim is to create maximum added value for our customers throughout the lifecycle of their product.

Our contract manufacturing services are characterized by a broad technological offering, sustainability, high-quality performance, cost-effectiveness, flexibility, and operational reliability. All this is made possible by the high level of expertise among Stera's staff, an ability to understand the business requirements of our end customers, and the courage to take advantage of cutting-edge production automation and digitalization. Through our SteraTools and SteraSmart services, we are an expert partner for our customers' in-house production needs across industry boundaries. Our customers need a partner with an ability to innovate and offer services from design and procurement to mass production and individual, tested end products.

The products developed by Stera are also based on these same core values. We offer Stera equipment and distribution cabinets and SteraLux LED lighting systems as customized solutions that can provide our customers with

significant added value in their business. Our expertise and comprehensive service model deliver the most sustainable, reliable, and competitive solution from the point of view of people, the environment, and our partners' businesses.

As a company, Stera offers its employees a modern industrial environment and a variety of jobs in a growth- and development-oriented organizational culture. Developing the skills and well-being of our staff are values that guide our daily operations in all our factories.



*Jussi Ohlsson*  
CEO

### KEY FIGURES

- **more than 850 professionals in Finland and Estonia**
- **60,000 m<sup>2</sup> of production space across six factories (5 in Finland, 1 in Estonia)**
- **turnover ~100 M€**

**We fulfil the strictest quality and environmental standards in our operations.**







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## STERA SUSTAINABILITY & QUALITY

**High quality and responsibility are primary values at Stera.**

*Our operations are based on responsible services and supply chain management.*

**Stera is committed to 2030 Agenda sustainable development goals:**



### **Safety & personnel satisfaction**

We take care of the welfare of our employees, the environment and the economy.

### **Quality**

Quality is the responsibility of every individual at Stera.

### **Environment**

We take environmental responsibility into account in our materials, energy use, water consumption and waste management, and in reducing our carbon footprint.

### **CERTIFIED QUALITY, SAFETY AND ENVIRONMENTAL STANDARDS:**

- ISO 9001
- ISO 14001
- ISO 45001
- ISO 3834-2
- IATF 16949

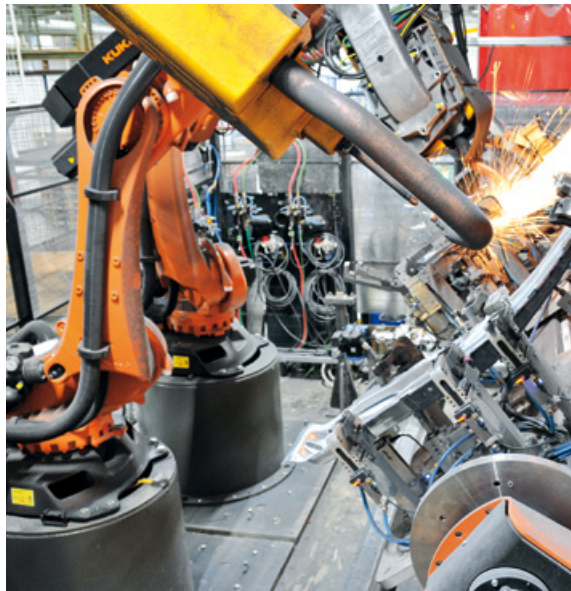
## DIGITALIZATION AT STERA

**The digital revolution is a reality in Stera's factories, supply chains and products.**

Stera's open-minded application of digitalization and data generates added value for our customers in the form of effective communication, continuous improvements in supply chain performance, resources, and energy usage.

### STERA'S DIGITALIZED SERVICES

- Production automation
- Data management
- Digitalized processes



**STERA**SMART

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## CONTRACT MANUFACTURING SERVICES

With comprehensive services and ever-evolving professional technological know-how, we enable major competitive leaps for our customers.



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**STERA**  
TECHNOLOGIES

+ ENGINEERING

+ NPI & PROTOTYPES

+ MECHANICS

+ ELECTRIFICATION

+ WIRE HARNESSES

FINLAND

ESTONIA



## LONG-TERM STRATEGIC CUSTOMER REFERENCES



## TECHNOLOGICAL OFFERING

### MECHANICS MANUFACTURING

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- **Cutting and punching:** Tens of punching and combi machines, CO2 and fibre laser cutting machines, plasma cutting machines and flat bar machines.
- **Bending:** Tens of manual and robotized bending machines and bending automat up to 400 tons.
- **Machining:** CNC-machining centres, lathes, EDM wire-cutting for component and hard tooling & jig manufacturing. We also offer repair services and version changes for our customers' tools during the end products' lifetimes.
- **Welding:** More than 100 welding professionals operate manual and robotized MAG-, TIG-, spot-welding, etc. Stera has a certified ISO 3834-2 welding management system.
- **Assembling:** Stera carries out various assembly services, from small precise electrical sub-assemblies to large-scale end-product installations, including electronics and wire harnesses. Stera also has in-house robotized 3D-extruded sealing technology for box builds and cabinets.
- **Surface treatment:** Three powder-painting lines and one wet-painting line.

### ELECTRONICS MANUFACTURING

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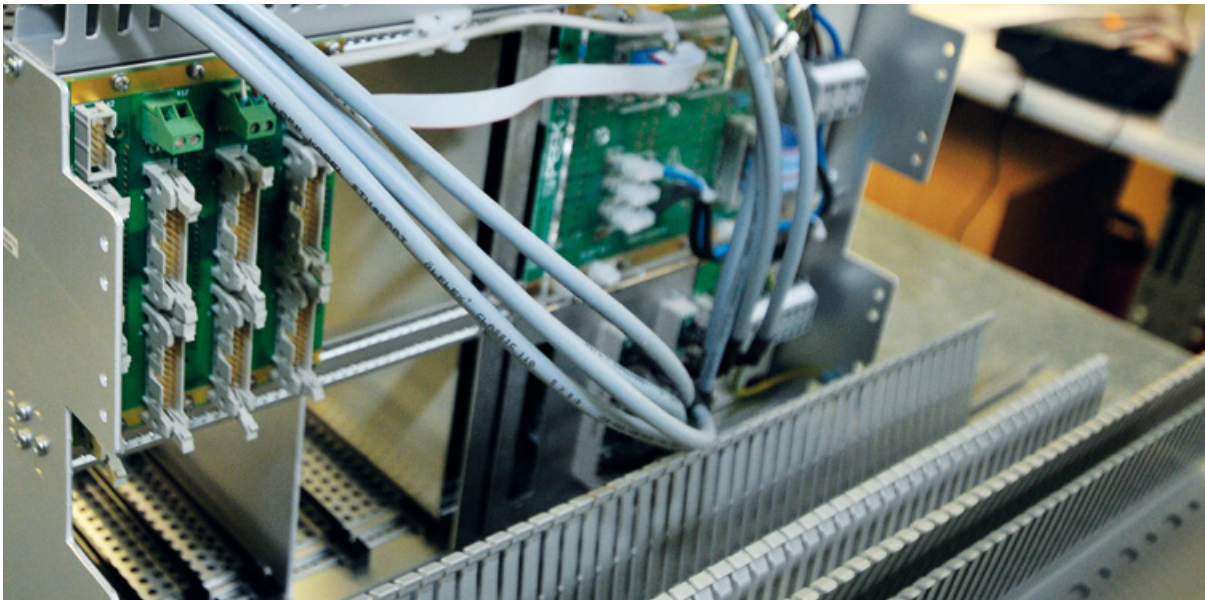
- **Electronics and mechanics assembly:** Our services include SMD assembly manufacturing, mechanical assembly and testing. We also carry out mounting by hand and manufacture box-built control units and fine mechanic entities.
- **Testing:** The products we manufacture are tested according to the customer's requirements.
- **Designing and product development:** Our design and product development services include a comprehensive implementation of the embedded systems: electronic and mechanical design, programs, testing equipment and product maintenance.

### WIRE & HARNESS MANUFACTURING

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- **Scalable & automated:** We are the leading option for our customers at both low and medium volumes, and provide a highly diversified product portfolio.
- **For rough-end user environments:** Wiring harnesses manufactured by Stera can be found in mobility working machines, lifting equipment, automation & robotics. We strictly follow PPAP methodology and IPC 620 standards.
- **Long experience and cost-effective processes:** Over 20 years of wiring harness manufacturing services for customers, with more than 60 manufacturing professionals at our Estonian factory. Optimized material sources from factories and dealers.





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## STERATOOLS

+ CONCEPTING & DESIGN

+ TOOL MANUFACTURING

+ NPI & PROTOTYPES

+ SERVICE & MAINTENANCE

+ RE-ENGINEERING

FINLAND

SERVICE CLOSE TO CLIENT

## STERASMART

+ CONCEPTING & DESIGN

+ JIG MANUFACTURING

+ INSTALLATION

+ SERVICE & MAINTENANCE

+ SMART FACTORY

FINLAND

## STERALUX<sup>®</sup>

+ LED CONCEPTING & DESIGN

+ LUMINAIRE MANUFACTURING

+ INSTALLATION

+ LIGHTING CONSULTING

FINLAND

SteraLux PARTNERS



## STERA PRODUCTS AND SERVICES

### STERA CABINETS AND ENCLOSURES

- Cabinets and enclosures made with Stera's production technology cover all necessities, from individual cabinets to data centre products and solutions for electrical distribution.
- We have developed our extensive standard selection based on customers' requests and demand, with input from our own designers and end users in the field.
- Besides standard models, we also design and offer tailored cabinets and enclosures for various specialist needs.



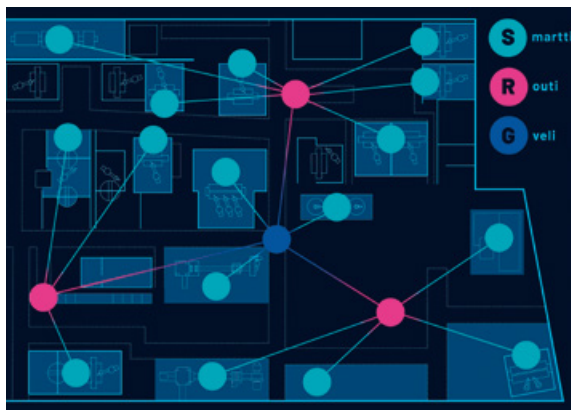
### STERATOOLS & STERASMART

- **SteraTools:** We offer personalized and optimized technological solutions to increase productivity, product quality and competitiveness of industrial operators.
- **SteraSmart:** Our expertise and comprehensive service model facilitate great leaps in productivity for our partners, leading to business profitability now and in the future.



### STERALUX LED LIGHTING SYSTEMS

- SteraLux is a Finnish LED lighting brand working under Stera Technologies Oy. SteraLux offers a selection of luminaires for industrial, office, retail and large area lighting.
- SteraLux provides personalized and optimized LED lighting solutions generating significant added value for business.
- The SteraLux LED luminaire is an eco-friendly, energy efficient choice.
- SteraLux uses its partner network to guarantee fast shipping and quality standards in installation. SteraLux partners can be recognized from the official SteraLux partner logo.





## *Your Partner in Industrial Evolution*

**You name it, we'll make it happen!**

**Stera serves various industries with its exclusive product portfolio. We offer customer-tailored contract manufacturing in the fields of mechanics and electronics.**

**Whatever your needs, we provide the best solutions, to high standards and within agreed delivery times. As we own the entire supply chain, we are flexible and can quickly adjust to changing circumstances.**

**Locally global – we deliver high-quality electromechanical solutions  
anywhere in the world!**

**[www.stera.com](http://www.stera.com)  
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