

technology

INNOVATION

ELMA
Your Solution Partner



Corporate Overview

SYSTEMS SOLUTIONS

ENCLOSURES & COMPONENTS

ROTARY SWITCHES



Each and every employee at Elma is passionately committed to ensuring the success of our customers.

Our track record, our history, and most of all, our people form our collective values to ensure you meet the toughest challenges. Elma's team is highly focused across multiple areas of expertise – whether it's engineering, customer service, manufacturing or quality assurance.

Our priority is you.

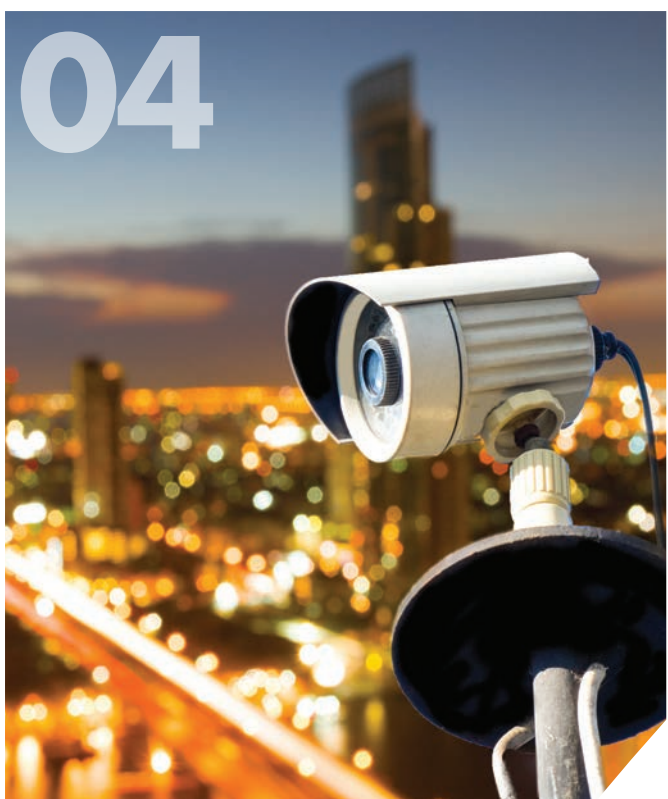


Who We **Are**

Elma Electronic is a global leader in embedded computing solutions including integrated chassis systems, board products, modular enclosures, equipment cabinets and precision hardware components in standard and custom configurations. As a global organization, we keep close to our customers and partners worldwide with sales, design and manufacturing facilities across three continents.

Reliability and long term support with a history of deep technical expertise and precision engineering. That's Elma.







Industries We **Serve**

Elma provides the experienced technical skill sets and innovative products required to design and manufacture critical systems for a wide array of industries. Our field proven integrated, tested and qualified solutions address key applications across these critical industries.

01 **Transportation**

Rugged EN 50155, AREMA and CENELEC compliant solutions for track side and rolling stock railway applications.

04 **Safety & Security**

Products for surveillance, imaging and secure communication in defense, disaster relief and commercial security installations.

02 **Communications**

NEBS and MIL STD compliant cabinets, enclosures and systems in broadcast, data centers and defense installations.

05 **Industrial & Automation**

Embedded PCs and networking systems, board products, enclosures and rotary for a range of industrial applications.

03 **Defense and Aerospace**

Field proven MIL STD integrated systems, boards and components for critical defense applications.

06 **Scientific & Research**

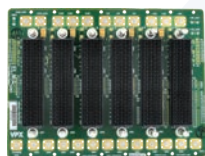
High performance computing and data storage requirements in science and research applications.

Our Products

Elma's products and services range from complete integrated system platforms to boards, electromechanical components, enclosure solutions, rotary switches and power supplies. We provide the best solutions to our customers by leveraging proven technology based on COTS products in VPX, VME, CompactPCI, CompactPCI Serial, COM Express and PCI/104 board form factors. We offer innovative products designed to be superior in quality, reliability and durability.



SYSTEMS SOLUTIONS



Backplanes



Power Supplies



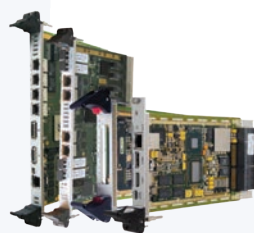
ATR Chassis and Systems



Rugged Small Form Factor Systems



Desktop Chassis



Embedded Boards



19" Chassis and Systems



Industrial Computing and Displays



ROTARY SWITCHES



Rotary Switches and Encoders



Control Knobs

ENCLOSURES AND COMPONENTS



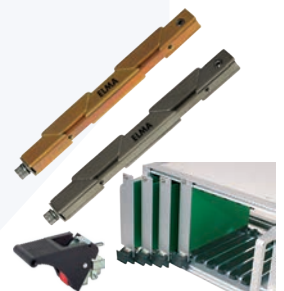
Design Enclosures



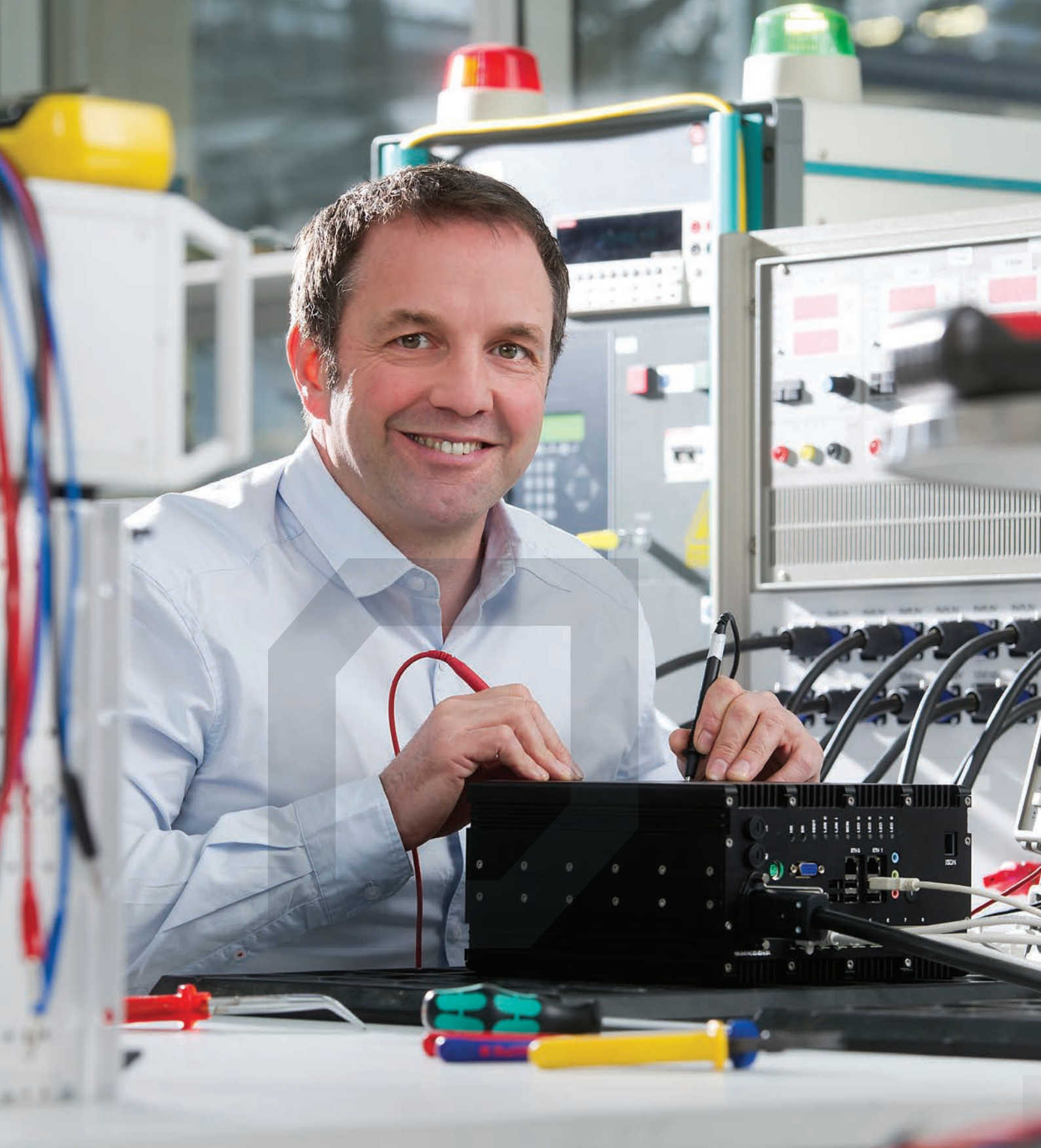
19" Subracks



Rugged Cabinets



Board Accessories



OUR APPROACH

Whether it is a collaborative design project, an application ready turnkey system or perhaps a board or enclosure product you are looking for, trust Elma for solutions you can rely on.

Our **Services**



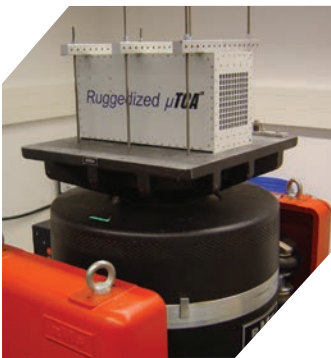
Complete documentation packages every step of the way

We provide product proposals, design and build plans, manufacturing drawings and instructions along with project management, test and inspection documentation.



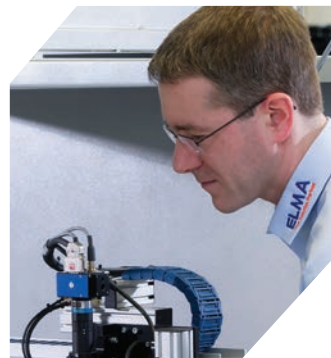
End of life (EOL) management and configuration control

We work closely with our partners to maintain assembly bill of material control and to ensure seamless transitions for you as components reach end of life.



Full environmental characterization and testing

We can provide qualification tested products for meeting MIL, NEBS, SIL, AREMA, CENELEC or other environmental, safety and performance standards.



Exacting functional test, verification and validation

We carry out high level functional testing under environmental strain for each product including state of the art signal integrity testing for signal speeds exceeding 8Gbps.



Low volume / high mix production

Elma welcomes low volume / high mix customization and will work with your team to modify any standard product or start from the ground floor on a new design.



Experienced pre and post sale support team

Providing integrated system design consultation, chassis configuration, component level selection, environmental testing assistance and more.

Our **Expertise**

Experienced and knowledgeable. Elma's technical staff includes seasoned professionals in electrical, mechanical and electrical engineering disciplines. We use the latest in cutting edge design tools to offer our customers the best possible solutions in the embedded computing industry.

Our **Building Blocks**

From components to integrated solutions

Providing a wide range of modular, open standards-based products and technologies using a combination of our own proven chassis, backplanes, boards, rotary switch solutions and power supplies; plus the best in class products from our extensive partner ecosystem. The result - custom and off the shelf solutions that work for you.



Our Customers

We pride ourselves on the longevity of our customer relationships. They span across multiple industries, bringing us a wide range of challenges that we meet time and again. These customers rely on our technical expertise and years of experience to get it right and deliver what they've asked for.

Airbus
Alstom
Boeing
Bosch
CERN

Cisco
GE
Hitachi
Honeywell
Motorola

Raytheon
Siemens
Stadler Rail
Thales
And many others





**Elma Electronic AG,
Switzerland**

Hofstrasse 93
CH-8620 Wetzikon
T: +41 44 933 41 11
F: +41 44 933 42 15
sales@elma.ch

**Elma Electronic GmbH,
Germany**

Stuttgarter Strasse 11
D-75179 Pforzheim
T: +49 7231 97 34 0
F: +49 7231 97 34 97
info@elma.de

Elma Electronic France SA

ZA du Buisson Rond
F-38460 Villemoirieu
T: +33 4 37 06 21 10
F: +33 4 37 06 21 19
sales@elma-electronic.fr

Elma Electronic UK Ltd.

Solutions House
Priory Business Park
Fraser Road
Bedford MK44 3BF
Great Britain
T: +44 1234 838822
F: +44 1234 836650
sales@elma.co.uk

Elma Electronic Romania SRL

Chisoda, DN 59 km8 + 550m
RO-307221 Judetul Timis
T: +40 374 480 400
F: +40 256 249 820
sales@elma.ch

Elma Electronic Israel Ltd.

34, Modi'in St., I.Z.Sgula
IL-49271 Petach-Tikva
T: +972 3 930 50 25
F: +972 3 931 31 34
sales@elma.co.il

Elma Electronic Inc., USA

44350 S. Grimmer Blvd
Fremont, CA 94538, USA
T: +1 510 656 3400
F: +1 510 656 3783
sales@elma.com

Optima Stantron, USA

1775 MacLeod Drive
Lawrenceville, GA 30043, USA
T: +1 770 496 4000
F: +1 770 496 4026
sales@elma.com

**Elma Electronic Private Ltd.,
India**

Green Arch
3rd Phase 1st Main
J.P. Nagar
Bangalore 560078
sales@elma.com

**Elma Electronic Technology
(Shanghai) CO., LTD., China**

No. 11 Building, No198
Chang Jian Road,
Bao Shan District
CN-200949 Shanghai
T: +86 21 5866 5908
F: +86 21 5866 5918
sales@elmachina.com

**Elma Asia Pacific Pte. Ltd.,
Singapore**

8 Ubi Road 2
07-14 Zervex Building
SG-408538 Singapore
T: +65 6479 8552
F: +65 6479 8662
sales.elmaap@elma.com

Your local solution partner

