

# VIDEOTON

ONE COMPANY – MULTIPLE POSSIBILITIES

—  
2025

TECHNOLOGY

STABILITY

SUSTAINABILITY

DYNAMISM

# WHO WE ARE TODAY



A vertically integrated **industrial group** with global footprint and best cost-overhead

- Privately owned
- Financially strong

One of the leading European **EMS providers**

- With extensive operations for mechanical parts

Complex service provider owning and operating **industrial parks**

- Including facility management and workforce secondment

30+ years of proven **„adaptive” strategy**, maintaining diversity

- In customer-base: accounts from up-and-coming companies (incl. startups) till established global players
- In market segments: Traditional markets (like Automotive, Industrial or Household) as well as dynamically growing segments (such as Portable Energy, IoT or Smart Home)
- In technology and activities: making parts, modules and final-assembled products

# OUR EVOLUTION IN CONTRACT MANUFACTURING

FROM  
SUBCONTRACTING  
TILL  
CONTRACT  
MANUFACTURING ++



# OUR EVOLUTION IN CONTRACT MANUFACTURING

Early  
90's

Around  
millennia

Late  
'00s

'10s till  
today

## AN ERA OF SUBCONTRACTING



- When unskilled workers & low wages mattered
- Usually labour-intensive assembly projects based on technology provided by the customer.
- Components: typically consigned stock or manufactured by using customer-provided tools
- Large-scale outsourcing is the trend ('000 ppl / project)
- Japanese & US global customers dominate

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## START OF TRUE CONTRACT MANUFACTURING



- Being cheap, making parts and assembly is not enough anymore. Industrialization and purchasing become more and more important
- Rise of Automotive and Household markets. Decline and sudden disappearance of Audio & other consumer markets
- Big outsourcing projects still common
- EU brands now also start to work with VT more and more

# OUR EVOLUTION IN CONTRACT MANUFACTURING



## WHEN HIGH AV BECAME INEVITABLE



- Household & Automotive dominate but Industrial ramps up, too.
- Low volume and/or high mix projects: previously less price-sensitive products also begin shifting to Eastern Europe.
- High added value (e.g. via manufacturing, logistics or engineering) becomes essential in order to remain competitive on the European market.

# OUR EVOLUTION IN CONTRACT MANUFACTURING

Early  
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## CONTRACT MANUFACTURING ++



- DfX, early involvement, co-design become mandatory.
- Automation becomes focal due to decreasing available workforce, increasing wages and quality / technical expectations.
- First cooperation with startups/scaleups. Focusing mostly on European companies with thriving ambition. They can become sizeable accounts very fast.
- Emerging markets like IoT, Smart Homes, Energy Storage or E-mobility provide opportunities.
- On historical markets margin is under extreme pressure. VT is becoming preferred for highly automated / mission & technically critical / very dynamic projects.

# HIGHLIGHTS

Founded in

1938

Private since

1992

Revenue  
(2024)

775 Mill €

Equity  
No debt since 2005

596

Mill €

2024

1

... of the Most  
Valuable  
Company in  
HUN  
Ownership\*\*

10\*

Locations

\*incl. on-going acquisition  
\*without possible expansion  
locations

8450

Employees\*  
(2024)

4<sup>th</sup>

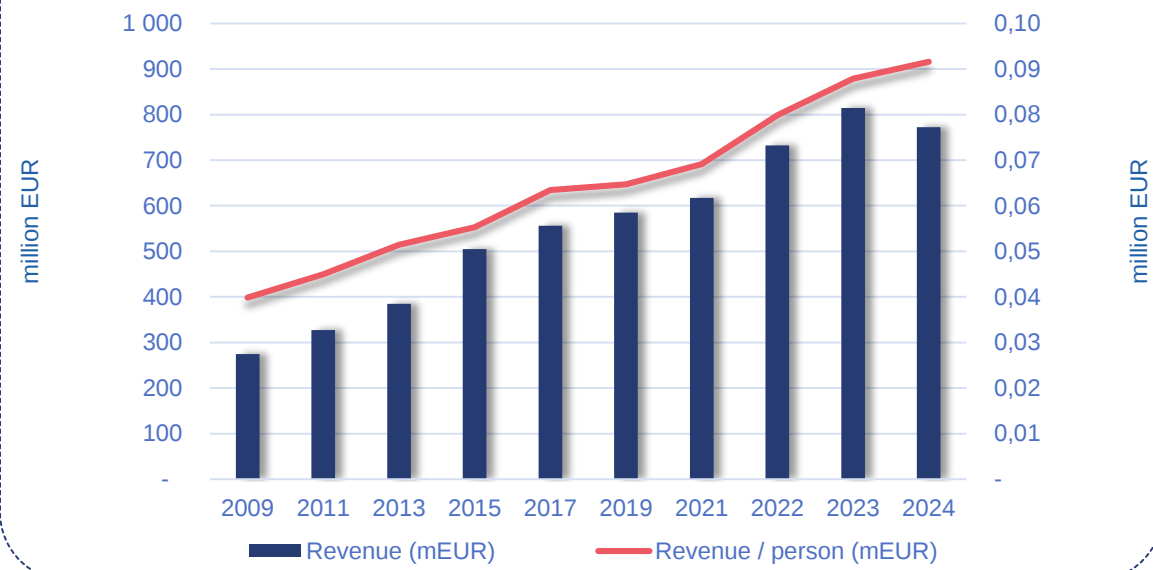
Among EMS  
Companies HQ'd  
in Europe

\* 2500 employees in services and temporary work

\*\* According to Forbes in 2021

# PROGRESS IN RECENT YEARS

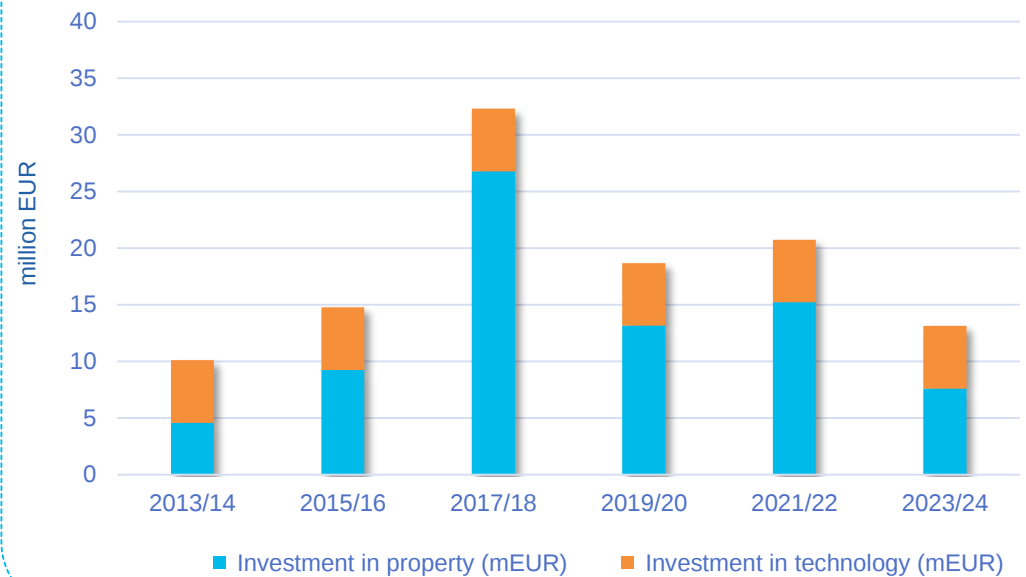
## Sales revenue



Organic growth for more than a decade

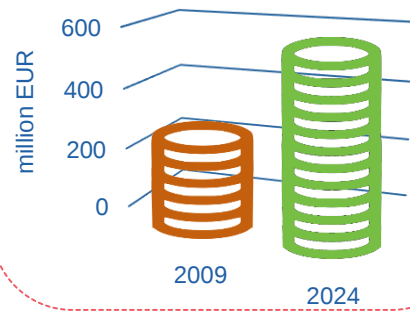
Substantial proportion of profit is retained

## Investments



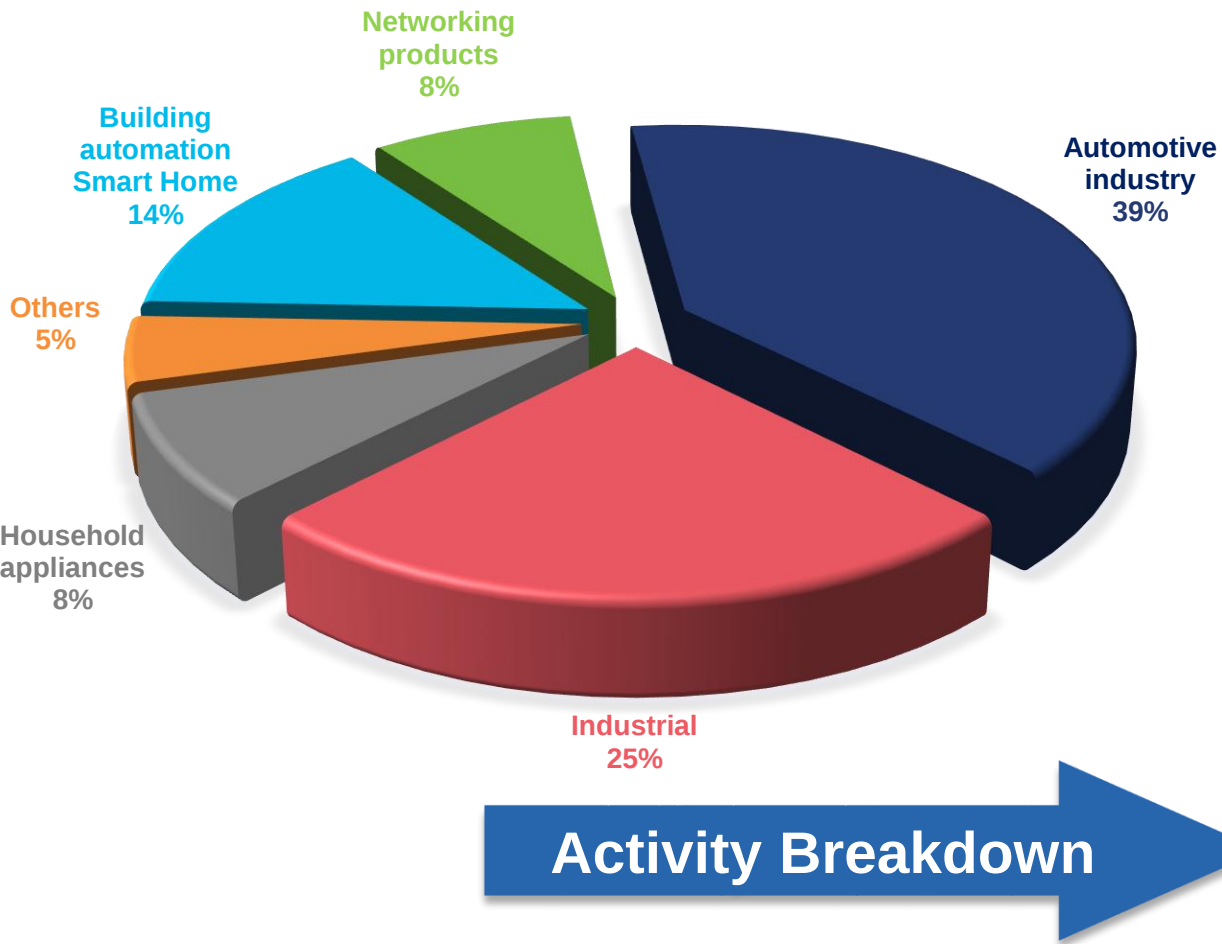
## Net equity

Remarkable increase for more than a decade

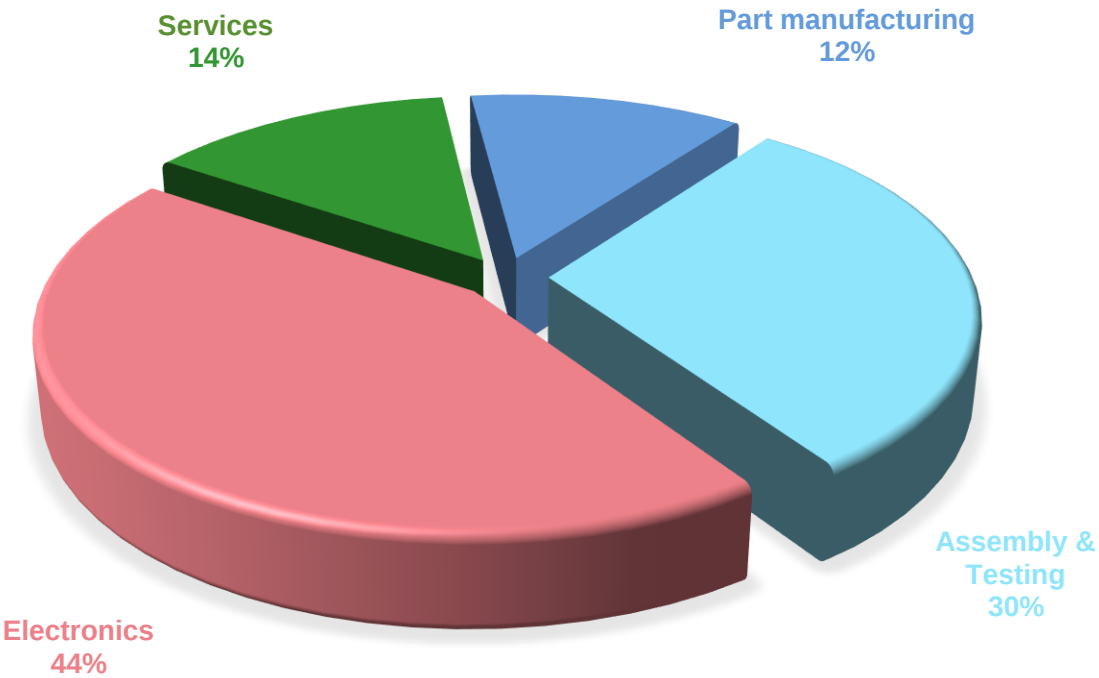


Fully equity financed

# MARKETS & ACTIVITIES\*



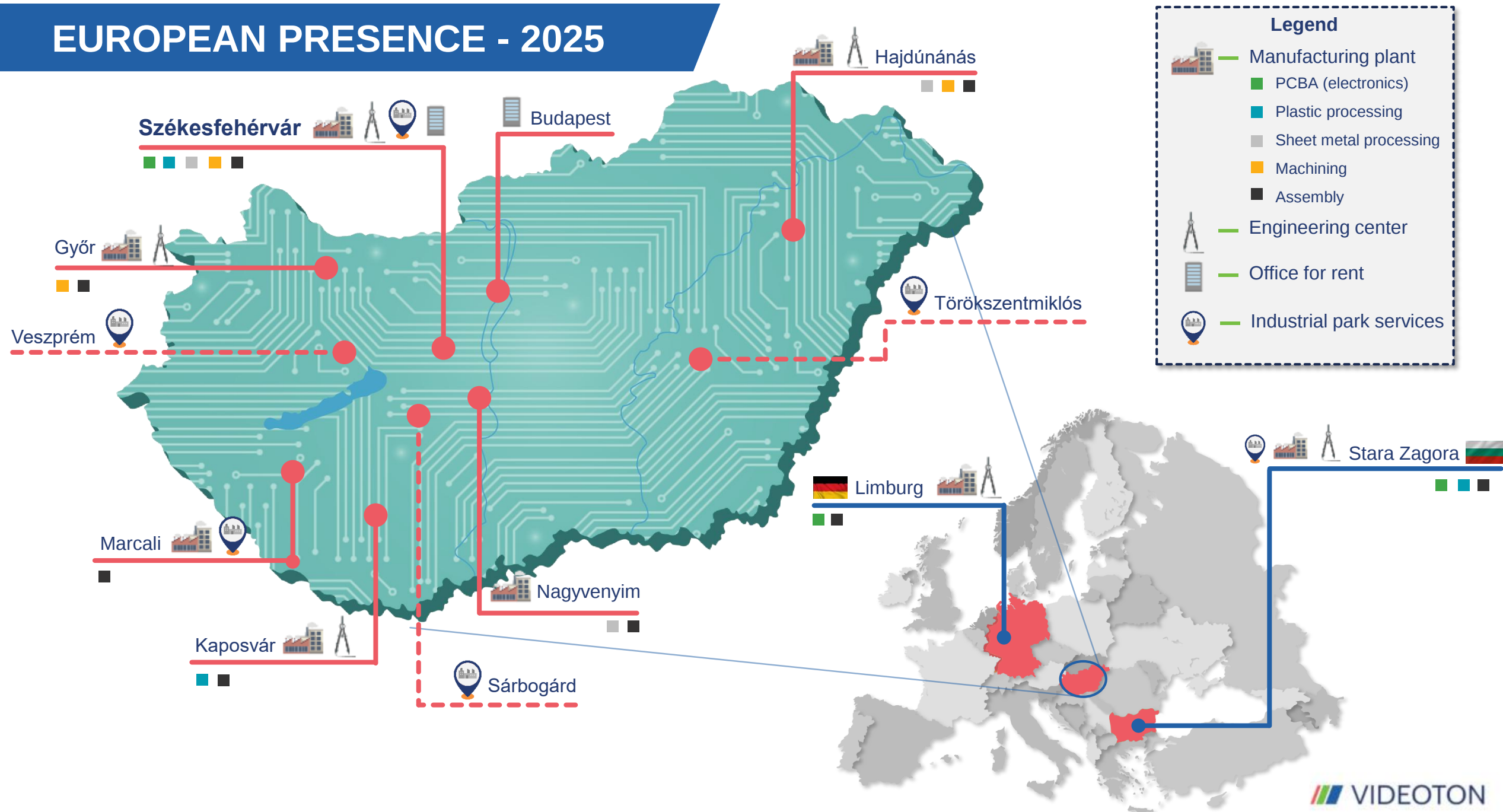
Market Exposure\*\*



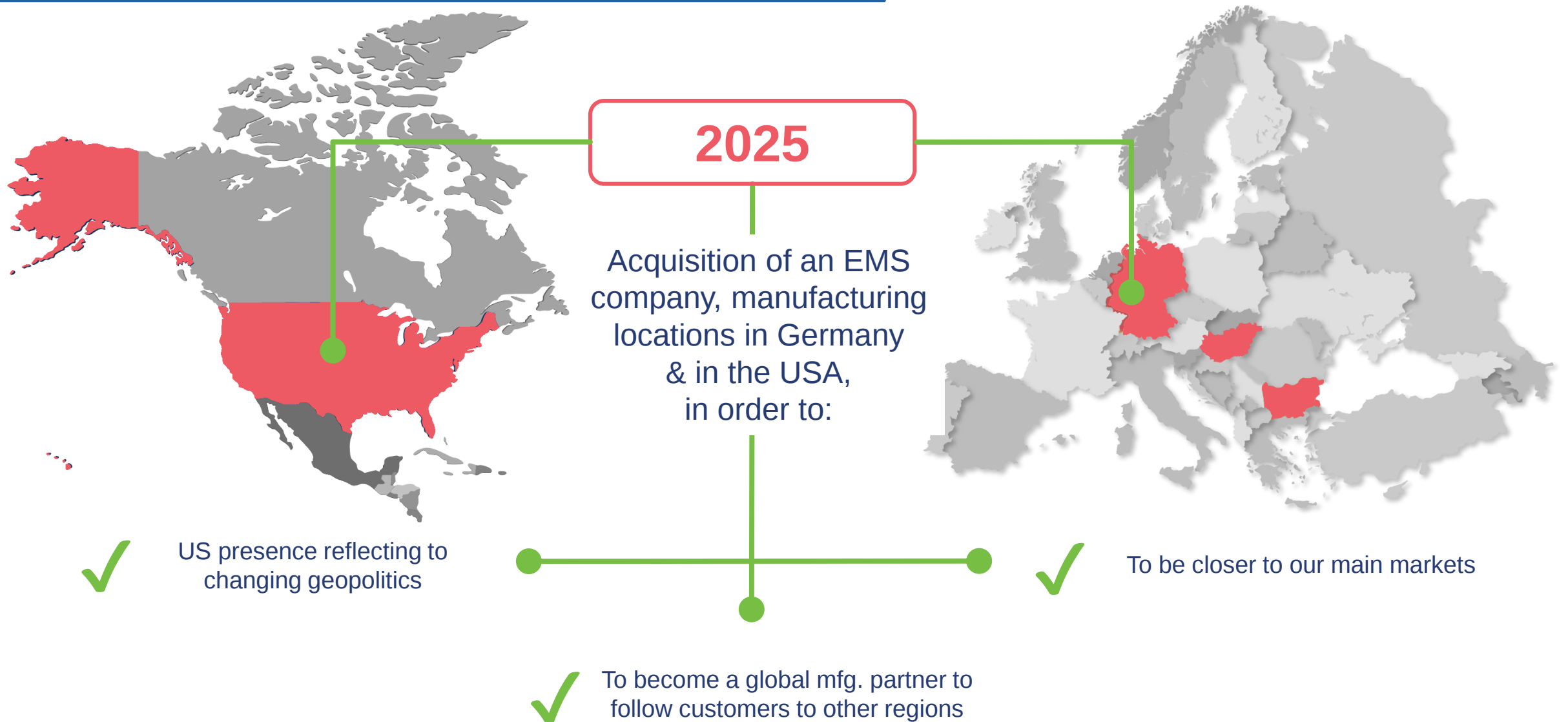
Activity Breakdown

\* 2024  
\*\* Turnover without Services  
\*\*\* Including Electrical safety, Power generation, UPS, Instrumentation & Measurement, Semiconductor industry, Photovoltaics, Terminals & vending machines, Commercial and Industrial HVACR, LED Lighting, 3D printers, Robotics, Water treatment, Elevators, Power tools, Professional floor care machines

# EUROPEAN PRESENCE - 2025



# GLOBAL MANUFACTURING FOOTPRINT



## Manufacturing Companies

PCBA & Box build assy.



**VT Automotive Electronics**  
Automotive EMS  
Box build assembly



**Videoton EAS**  
Non-automotive EMS  
Box build assembly



**Videoton EAS Bulgaria**  
Non-automotive EMS  
Box build assembly



**Limtronik / Videoton D**  
Automotive EMS  
Non-automotive EMS  
Box build assembly



**Limtronik / Videoton USA**  
Automotive EMS  
Non-automotive EMS  
Box build assembly

Part mfg. & Box build assy.



**VT Elektro-PLAST**  
Assembly & box build,  
Plastic inj. moulding,  
Battery pack assembly



**VT ES**  
Box build assembly  
Enclosure manufacturing  
Sheet metal fabrication



**VTBH (Bulgaria)**  
Electromechanical and mechanical  
assembly & box build services



**VT Mechatronics**  
High complexity assembly  
and machining



**VT TIPA**  
Robotized assembly lines  
Testers

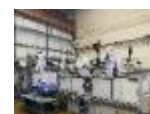


**VT ASYST**  
Robotized assembly lines  
Testers

Part mfg. & Heavy duty assy.



**VT Plastic**  
Automotive-focused injection  
moulding



**VT Bulplast (Bulgaria)**  
Thermoplast injection and thermoset  
injection and compression moulding  
Tooling



**VT METAL**  
Medium to high volume machining  
Electroplating, KTL



**KVJ Muvek**  
Stamping w/ presses



**VENTIFILT**  
Heavy-duty fans, filters  
Large steel fabs



**VT Systemtechnics**  
Shelter / container mfg.

## Service Companies



**Pannonjob**  
HR services



**Industrial Park**  
Building lease & services



**VT ARtrans**  
Logistics services



**Pannonfacility**  
Facility management

**VIDEOTON HOLDING** mainly shared services towards subsidiaries

Finance

Controlling

Property Mgmt

Legal

Business Development

Sourcing

IT

HR

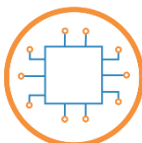
Design & Engineering

# LEVELS OF SERVICES

## HIGH LEVEL ASSEMBLY & BOX BUILD & SYSTEM INTEGRATION



## CORE ACTIVITIES



PCBA



Battery pack assembly



Plastic Injection Moulding



Sheet metal fabrication



Stamping



Machining

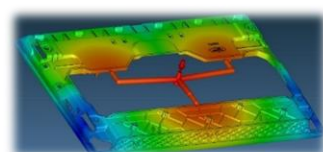


Surface treatment

## Design & Engineering



Co-design of mechanics & PCBAs, early involvement



DfX services Production engineering



Industrialization

## Supply chain management



Value chain & vertical integration

ADD-ON SERVICES

# DESIGN & ENGINEERING

BY OUR EARLY INVOLVEMENT IN NEW PRODUCT DESIGN PROJECTS **WE SUPPORT YOU IN:**



Winning new projects

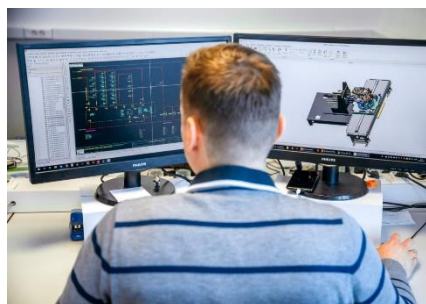


Shortening time-to-market



Making your products stand out in terms of **quality, cost-competitiveness** and reliability

## NPI activity support



### NPI activities:

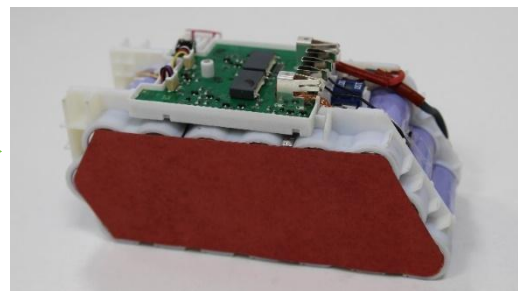
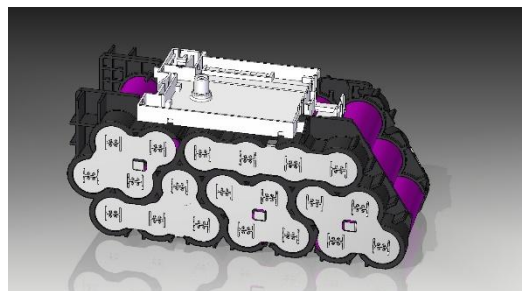
- Multifocal DfX services
- Co-design of mechanical parts & PCBA's
- Complete industrialisation of new products

### Production engineering services:

- Competent solutions for quality improvement, cost & process optimisation
- Feasibility and manufacturability studies
- Engineering change management

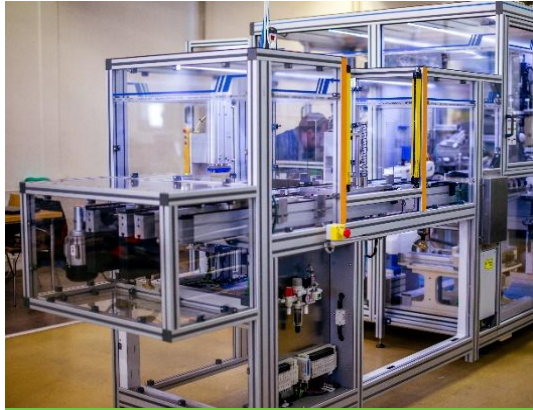


## Product lifecycle support



Example for DfX of a battery pack

# SPECIAL MANUFACTURING COMPETENCES



Robotized assembly  
lines and testers



Battery pack assembly



Large welded steel  
constructions



System integration of  
large enclosures

# SERVICES



Industrial park services



Logistics



HR services & manpower secondment



Traceability / MES systems



Facility management

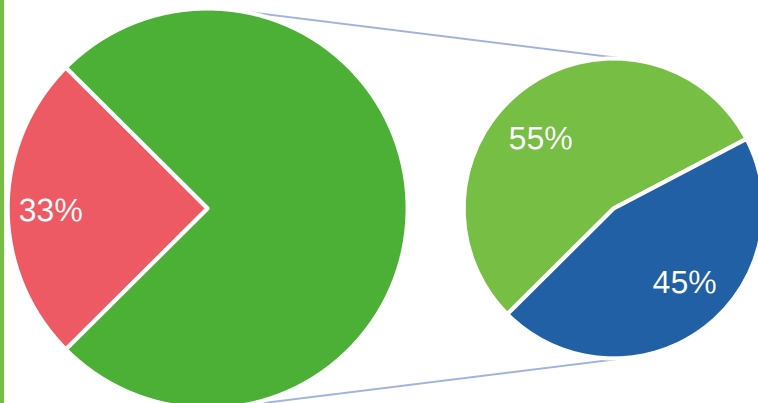


KLT's cleaning

# CORPORATE SUSTAINABILITY

We are committed to set good examples & reach true impact through our activities.

2/3 of electricity from green sources in 2023



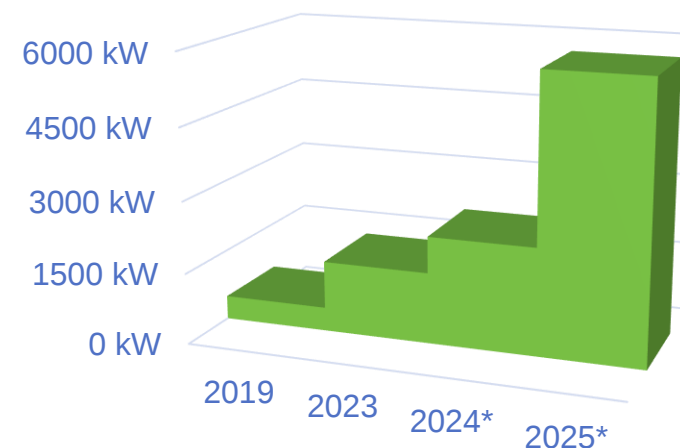
■ renewable ■ low-carbon ■ fossil

Aiming to build up to  
75% green energy  
by 2026

- ✓ Measuring Scope 1&2 CO<sub>2</sub> emissions for 5 years at group and member company level
- ✓ Link to our ESG roadmap
- ✓ VIDEOTON Group is rated by EcoVadis
- ✓ Possibility of acquiring GO (Guarantee of Origin) certificate for specific projects



Dynamically growing PV production capacity up to 5,5+ MW by 2026



Reaching 10% share of own PV energy by 2026

# QUALITY & ENVIRONMENTAL POLICY

Quality, work safety and green operation are key elements of VIDEOTON's core values.

The above philosophy is underpinned by the following certificates:

- ISO 9001 – 19 subsidiaries
- ISO 14001 – 16 subsidiaries
- IATF 16949 – 6 subsidiaries (Automotive)
- ISO 45001 – 4 subsidiaries
- ISO 3834-2 – 3 subsidiaries (Welding)
- AQAP 2110 – 1 subsidiary (Defence)
- ISO 13485 – 1 subsidiary (Medical)
- ISO 26262 – 1 subsidiary (Functional safety)
- ISO 1090-01 & 02 – 2 subsidiaries (Welding)
- ISO 50001 – 7 subsidiaries
- ATEX – 1 subsidiary (Products for explosive atmospheres)
- FDA – 1 subsidiary (Food & skin related products)



# DIVERSIFIED CUSTOMER BASE I.

## AUTOMOTIVE



\* Cooperation in robotized assembly lines & testers only

# PRODUCT REFERENCES I. – AUTOMOTIVE I.



Active suspension controller  
**VT Automotive Electronics**



Oil pump housing  
**VT METAL**



Electric power steering control unit  
**VT Automotive Electronics**



Center console touchscreen display  
**VT Automotive Electronics & VT Plastic**



2-component head light module  
**VT Plastic**

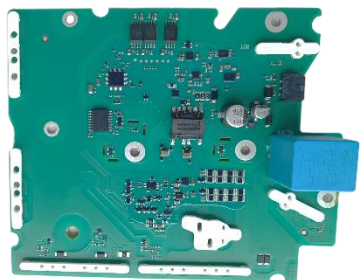


KTL painting of brake pedal  
**VT METAL**



ESP bracket assembly  
**KVJ Muvek**

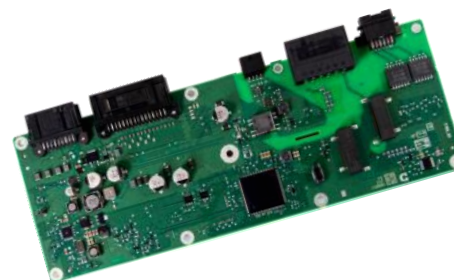
# PRODUCT REFERENCES I. – AUTOMOTIVE II. (EV)



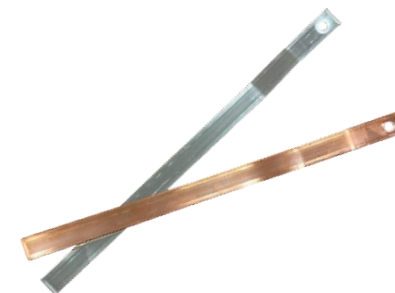
High voltage coolant heater  
**VT Automotive Electronics**



EV chargers  
**VIDEOTON EAS & VT ES**



Battery management unit  
**VT Automotive Electronics**



Semi-bright galvanic nickel coating  
of EV busbars  
**VT METAL**



EV car valve housing of air  
conditioning systems  
**VT METAL**



Upper housing & cable carrier for antenna  
signal transmission  
**VT Elektro-PLAST**



On-board charger electronics  
**VT Automotive Electronics**



Pedestrian warning speaker for EV's  
**VT Plastic**

## DIVERSIFIED CUSTOMER BASE II.

### INDUSTRIAL



### PORTABLE ENERGY



# PRODUCT REFERENCES II. – INDUSTRIAL I.



PCBA & final assembly of portable battery systems  
**VT Elektro-PLAST & VIDEOTON EAS**



HVAC controllers  
**VIDEOTON EAS**



Final assembly of power tools  
**VT Elektro-PLAST**



Battery packs for power tools  
**VT Elektro-PLAST**



Moulded case circuit breaker (MCCB)  
and Air Circuit Breaker (ACB) terminals  
**VT METAL**



Wearable barcode scanner  
**VIDEOTON EAS**



Basic structures for pressure switches  
for gas and air systems  
**VT BH (Bulgaria)**



Professional floor care machine  
**VT Elektro-PLAST**

# PRODUCT REFERENCES II. – INDUSTRIAL II.



Gas turbine control house  
**VT Systemtechnics**



Reverse logistics / RMA of 3D printers  
**VT ES**



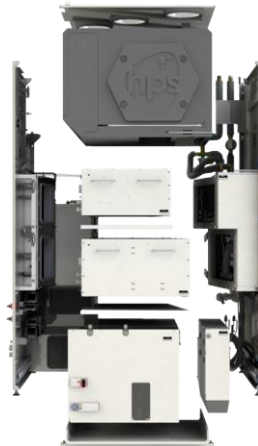
High level assembly for semicon  
processing equipment  
**VT Mechatronics**



Self-checkout system  
**VT ES**



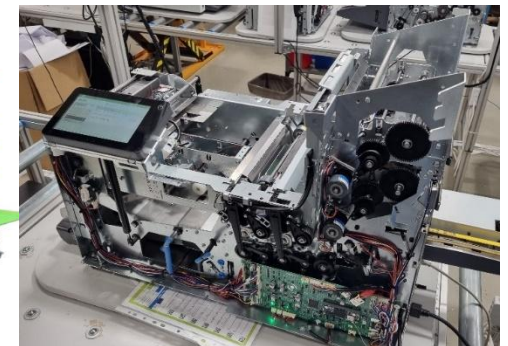
Fume extraction unit  
**VT ES**



Modules for residential hybrid  
energy storage system  
**VT ES**



Folder inserter  
**VT ES**



## DIVERSIFIED CUSTOMER BASE III.

### BUILDING AUTOMATION/ SMART HOME

**xylem**  
Let's Solve Water

**SENSUS**

**LOXONE**

**Honeywell**



**Schneider**  
Electric

**:hager**

**ABB** **techem**

**OBO**  
BETTERMANN

**TELECOM** DESIGN

**legrand**<sup>®</sup>

### NETWORKING PRODUCTS/ COMMUNICATION



**COMMScope**<sup>®</sup>

 **eKINOPS**

# PRODUCT REFERENCES III.



Wireless router  
**VIDEOTON EAS**



Smart radiator control unit  
**VIDEOTON EAS**



Smart Alarm Terminal  
**VIDEOTON EAS**



Electro-mechanical assembly of  
circuit breakers  
**VT BH (Bulgaria)**



Smart grill thermometer  
**VIDEOTON EAS**



Smart water meter  
**VIDEOTON EAS**



Fine mechanic assembly of water  
meter registers  
**VT BH (Bulgaria)**



Smart thermometer  
**VIDEOTON EAS**



Smart LED lighting  
**VIDEOTON EAS**



Smart home control  
devices  
**VIDEOTON EAS**



Box build assembly of voice & data  
routers for enterprises  
**VT Automotive Electronics**

## DIVERSIFIED CUSTOMER BASE IV.

### HOUSEHOLD

**PHILIPS**



**LIEBHERR**

**Miele**

### OTHERS

**3M**

ACRO



**AKG**  
by HARMAN

**STADLER**

**CMR**  
SURGICAL



## PRODUCT REFERENCES IV.



Electrical toothbrush battery pack

All of the featured products are made by  
**VT Elektro-PLAST**



Coagulometers



Plastic parts and sub-  
assys for surgical robots



Professional studio mike



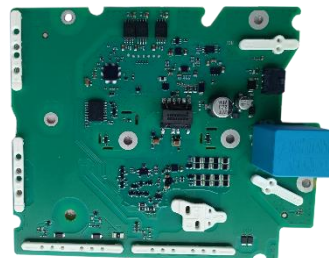
Battery pack for electrical wheelchair

# RECENT BUSINESS AWARDS I.



 **VT ElektroPlast**  
VIDEOTON Group

Manufacturing **laboratory coagulometers** that require **high complexity assembly** and calibration



 **VT Autóelektronika**  
VIDEOTON Group

High volume **HV Coolant Heater PCBA** used in HVAC of e-cars for one of the major European Tier-1 companies. This is the first high voltage application in our production for which the EOL tester was built within VIDEOTON Group



 **VT EAS**  
VIDEOTON Group

**Smart gas meter indexes** for a leading global player where the PCBAs (incl. hot bar soldering), the plastic components as well as the box build assembly will be made by VIDEOTON in Bulgaria as part of a transfer project

## RECENT BUSINESS AWARDS II.



 VT ElektroPlast  
VIDEOTON Group

**Co-design, turn-key industrialisation and production** of a 3-cell battery pack for battery chainsaws of a leading power tool manufacturer.



 VT ElektroPlast  VT TIPA  
VIDEOTON Group VIDEOTON Group

**Injection molding and assembly** of the emergency call antenna unit, supported by a **fully automated production line** designed and manufactured by a VIDEOTON group company. During the project, the customer also implemented the design optimization ideas we provided.



 VT Systemtechnics  
VIDEOTON Group

Full-scale design, manufacturing and electrical integration of **Defence shelters** for a **NATO** project.

# YOUR CHALLENGES – OUR ANSWERS

## YOU might face the following challenges and needs

### A EUROPEAN PARTNER WHO CAN ALSO FOLLOW YOU TO THE US

Need a native supplier who can flexibly serve you locally either in Western Europe or Eastern Europe depending on your preferences and has also the ability to manufacture your products in the US in the changing geopolitical environment

### ALTERNATIVE TO CHINA

Need to transfer back / set up alternative production solution from / beside China for increasing resilience

### INTEGRATED SOLUTION

If you look for an all-around B2B UX as a startup/scaleup

### FOCUS

Want to focus only on core activities like R&D or function design

## VIDEOTON might be your right partner due to our competitive advantages



**Global manufacturing footprint** with sites ideally located in Hungary, Bulgaria, Germany and USA (most of the overhead is also in best-cost Europe)



Experience in both **high volume low mix and low volume high mix** projects regardless of technology



Working for many segments and have a **wide range of technologies** (→ high cross-industry knowledge on manufacturing side)



**Flat and flexible organization**, private ownership and a highly stable financial background that make quick decisions possible (incl. on project-specific investments).

# VIDEOTON & OUR CUSTOMERS: A LONG-TERM, STRATEGIC APPROACH

## OPEN FOR NEW MARKET SEGMENTS

- No rigid preferences regarding the markets and applications
- Always open to and want to enter new segments (proactively learning and investing into the specifics)

## OPEN TO LEARN

- Open to support our customers in more steps of the product lifecycle.
- Support and motivation of our customers is needed for this, including early involvement and transfer of experiences/workflows

## LONG-TERM LOYALTY

- Need often guidance and trust from our customer being the icebreaker
- Honoring this attitude with outstanding long-term commitment and loyalty.

## CREATING LOCAL SUPPLY CHAINS

- Being committed for local suppliers for flexible supply and strengthening the local economy
- We expect global companies investing in the region & we want to take part in this journey.

# WHERE ARE WE HEADING TO?

## WE ARE DETERMINED...



to further adopt a **lean production approach** in our operations (with industry 4.0 in mind)



to build up new and expand existing cooperation with **dynamic, innovative companies** (incl. startups / scaleups), with special focus on battery, e-mobility, mobile power, medtech, safety technology and smart technology markets



to provide **multifocal DfX support** in our partnerships by utilizing our cross-industry knowledge



to plan our processes in such way that allows **collecting extensive data** for further possible usage since we are aware that data is the new infrastructure



to improve our **world-wide sourcing capabilities**



to provide services to those customers requiring our extended footprint to receive a seamless service across Europe and the USA

# KEEPING AND STRENGTHENING OUR PROVEN VALUES

## COMMON SENSE

## TRANSPARENCY

## BEST WORKPLACE DRIVEN

## SIMPLICITY

**Our strategy is utmost adaptability**



Not being able to predict or influence markets is an accepted fact of life in a cost+ business. Being prepared for sudden actions because of earlier scenario analysis. Able to swiftly carry them out due to highly stable financial background. No dogmas, open to anything logical.

**Growing share of investments  
Expansion into inter-related technologies**



Preference for many small steps as opposed to big leaps. Keep a balanced portfolio with synergies

**Labour market may become the limit of growth.  
Adapt HR strategy to the substantially changing  
environment.**



Be in line with the expectations of new generations. Increase credibility. Become a realistic & attractive alternative to multinational and global companies. Support workers through employee benefit programs (housing, education, health, recreation etc.)

**Largely continue with organic growth**



Sustain transparency, predictability

## WHY TO WORK WITH VIDEOTON?



**Integrated manufacturing services – „One-stop shop”**



**Financial stability**



**Cost-competitive solutions**



**High flexibility**



**Customer-oriented focus**

**ONE PARTNER**  **MULTIPLE POSSIBILITIES**

# THANK YOU FOR YOUR KIND ATTENTION!

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