

VIDEOTON

ONE COMPANY – INFINITE POSSIBILITIES

TECHNOLOGY

DYNAMISM

PROGRESS

STABILITY

—
2020



- Privately owned, financially strong, vertically integrated industrial group in best-cost Europe
- One of the leading European EMS providers
- Turn-key & flexible contract manufacturing partner for both established multinationals and young innovative emerging companies
- Competent multi-commodity supplier of parts, modules and assemblies
- Complex service provider owning and operating industrial parks

HIGHLIGHTS

Founded in
1938

Private since
1992

Revenue
(2019)
586
Mill €

Equity
No debt since 2005
429
Mill €

1st
Most Valuable
Company in HUN
Ownership*

11
Locations

8600
Employees**
(December 2019)

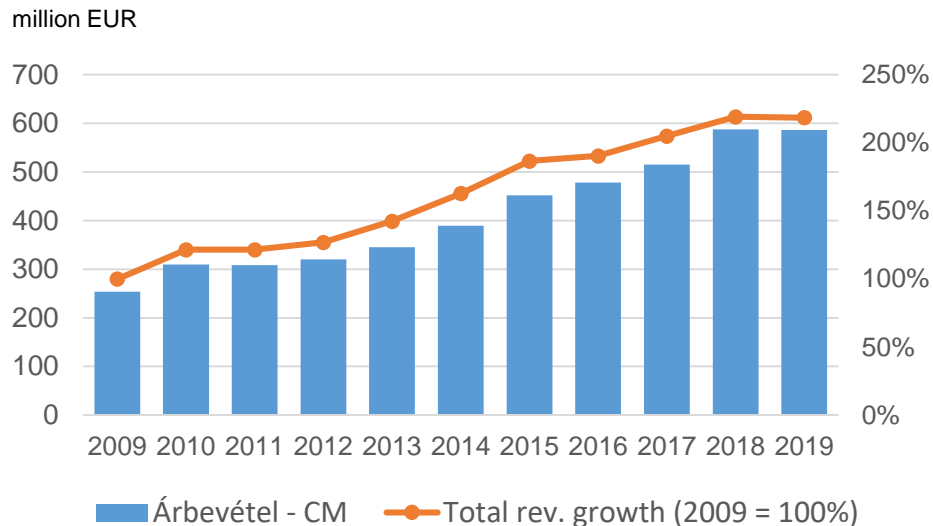
4th
Among EMS
Companies HQ'd
in Europe

** According to Forbes in 2017 and 2018*

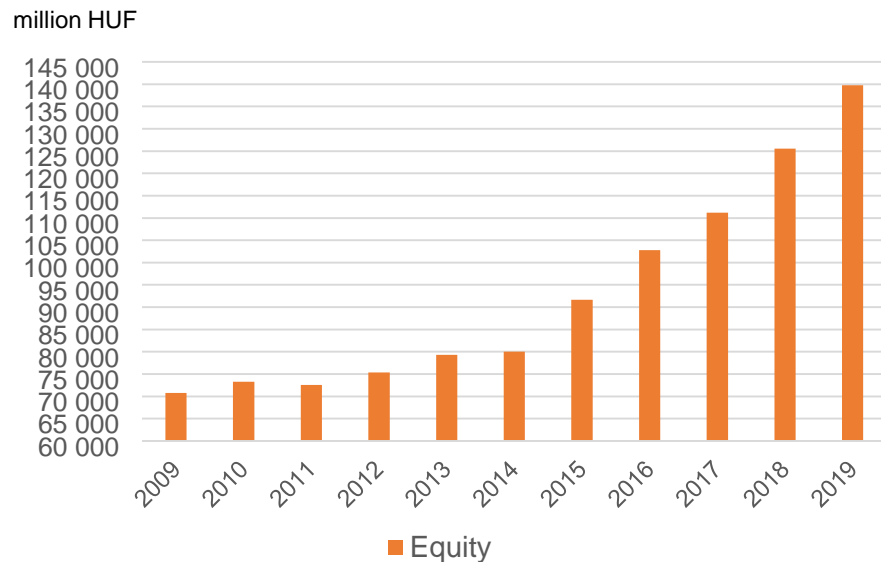
*** 2100 employees in Services*

PROGRESS IN RECENT YEARS I.

Sales Revenue

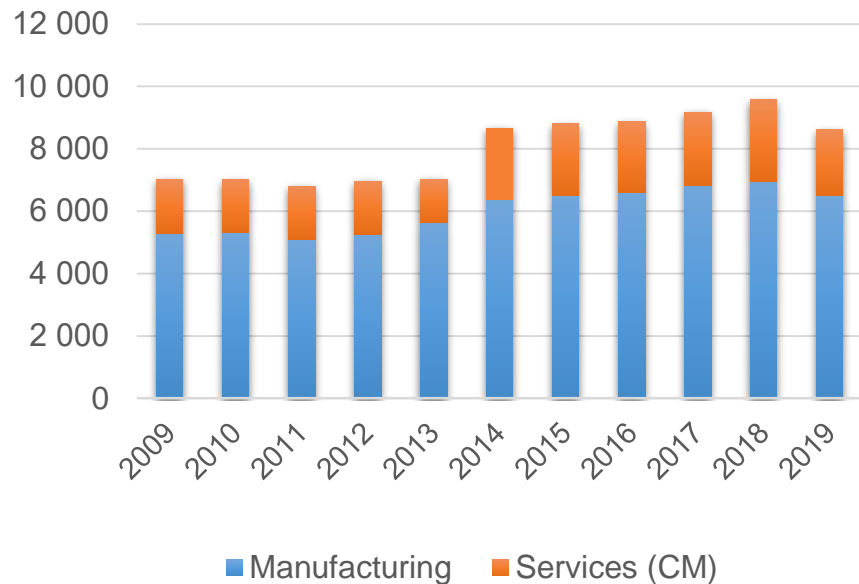


Equity



PROGRESS IN RECENT YEARS II.

Number of Employees

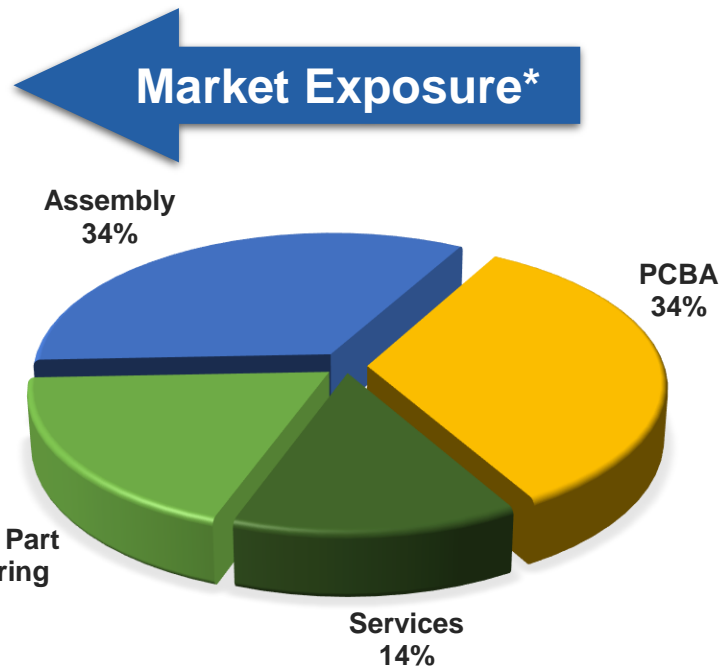
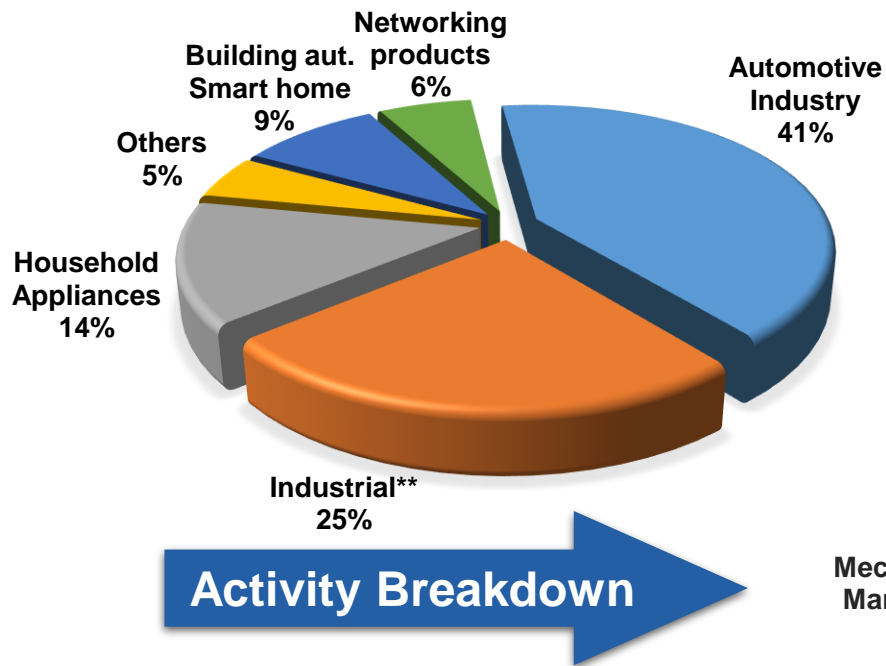


Investments

million EUR



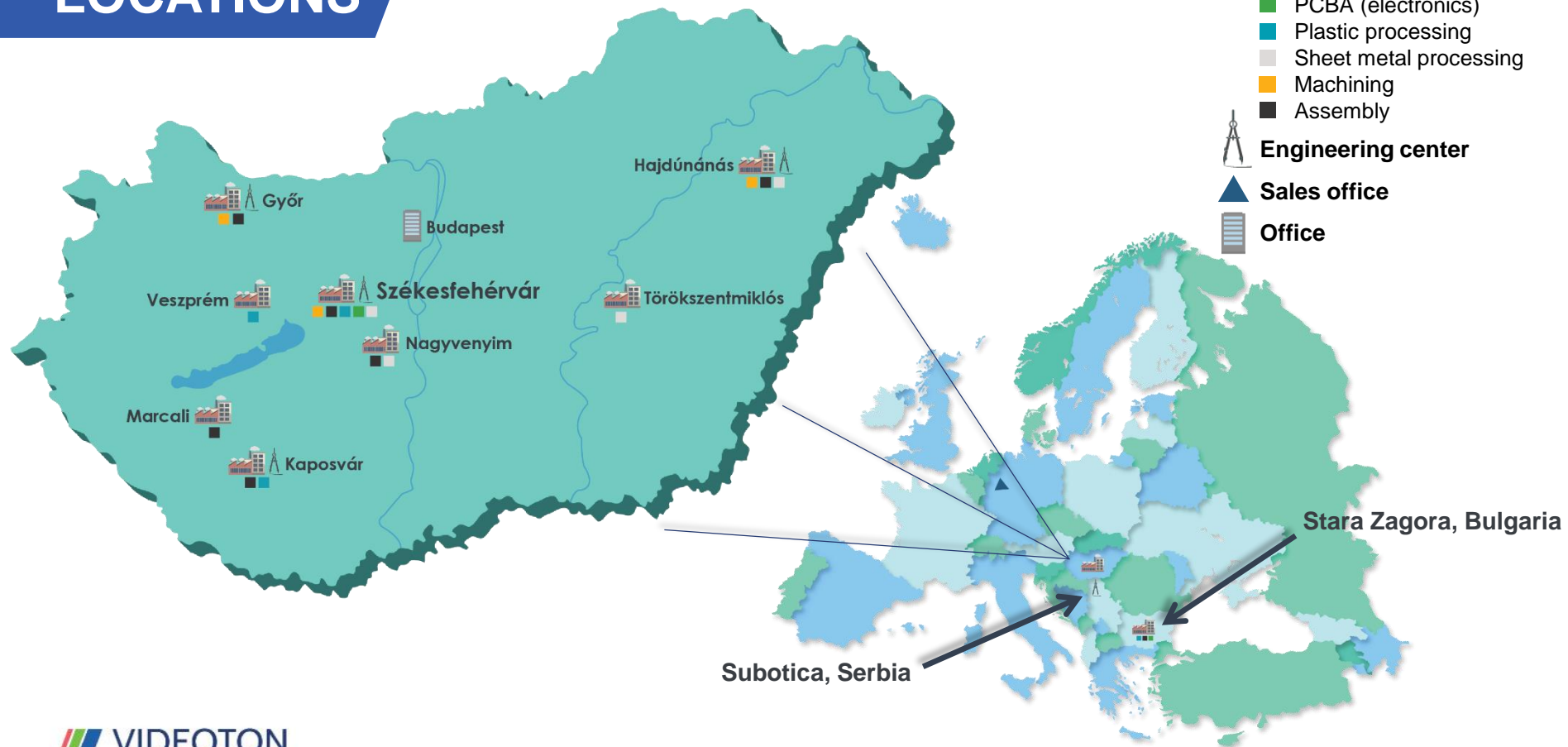
MARKETS & ACTIVITIES 2019



* 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

LOCATIONS



GROUP STRUCTURE

VIDEOTON HOLDING

Property Mgmt

Controlling

Finance

HR

Legal

IT

Business Development

Sourcing

Design & Engineering

Manufacturing Subsidiaries

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

Part mfg. & Box build assy.



VT Elektro-PLAST
Assembly & box build
Plastic injection moulding



VT Battery Technology
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



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



VT Precizios
Injection moulds



VENTIFILT
Heavy-duty fans, filters
Large steel fabs



VT Systemtechnics
Shelter / container mfg.

Services Subsidiaries



Pannonjob
HR services



Industrial Park
Building lease & services



VT ARtrans
Logistics services



Pannonfacility
Facility management

INTEGRATED MANUFACTURING SERVICES

Value chain / Vertical integration

Box build assembly & System integration



Core technologies



PCBA



Plastic Injection
Moulding



Sheet metal
fabrication



Stamping

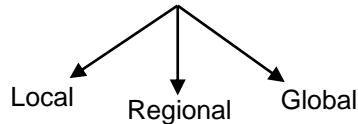


Machining



Electroplating
Powder coating
KTL / E-coating
Painting

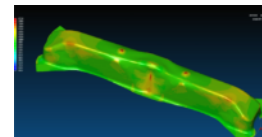
Supply chain



Design & Engineering



Co-design of
mechanics & PCBAs,
early involvement



DfX services Production
engineering



Industrialization

FURTHER MANUFACTURING COMPETENCES

**ROBOTIZED ASSEMBLY
LINES, TESTERS**



**HIGH PRECISION
EQUIPMENT ASSEMBLY**



**CUSTOMER-SPECIFIC
SHELTERS**



**BATTERY PACK
ASSEMBLY**



**LARGE WELDED
STEEL CONSTRUCTIONS**



DESIGN & ENGINEERING

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

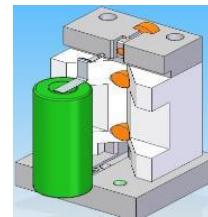
- winning new projects
- shortening time-to-market
- making their products stand out in terms of quality, cost-competitiveness and reliability

OUR NPI ACTIVITIES INCLUDE:

- multifocal DfX services
- co-design of mechanical parts & PCBA's
- complete industrialisation of new products

WE SUPPORT CUSTOMERS THROUGH THE LIFECYCLE OF PRODUCTS WITH PRODUCTION ENGINEERING SERVICES SUCH AS:

- Competent solutions for quality improvement, cost & process optimisation
- Engineering change management



SERVICES



**INDUSTRIAL
PARK SERVICES**



LOGISTICS



**HR SERVICES & MANPOWER
SECONDMENT**



**AUTO IDENTIFICATION SYSTEMS /
MES SYSTEMS**



**FACILITY
MANAGEMENT**



**KLT'S
CLEANING**

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 – 16 subsidiaries
- ISO 14001 – 14 subsidiaries
- IATF 16949:2016 – 7 subsidiaries (Automotive)
- OHSAS 18001 – 3 subsidiaries
- ISO 3834-2 – 2 subsidiaries (Welding)
- AQAP 2110 – 1 subsidiary (Defence)
- ISO 13485 – 1 subsidiary (Medical devices)
- ISO 1090-01 & 02 – 2 subsidiaries (Welding)
- ISO 50001 – 6 subsidiaries
- ATEX – 2 subsidiaries (Products for explosive atmospheres)
- FDA – 1 subsidiary (Food & skin related products)



DIVERSIFIED CUSTOMER BASE I.

AUTOMOTIVE



Audi



BOSCH



DENSO



faurecia

flex



GENTHERM



HI-LEX



KÖTTÖ



MAGNA

MAHLE

odelo

Automotive Signal Lights



PREMIUM
SOUND SOLUTIONS



VolaPlast
Kunststoff- und Systemtechnik



YAZAKI



PIERBURG
RHEINMETALL AUTOMOTIVE



PRODUCT REFERENCES I.



DIVERSIFIED CUSTOMER BASE II.

INDUSTRIAL

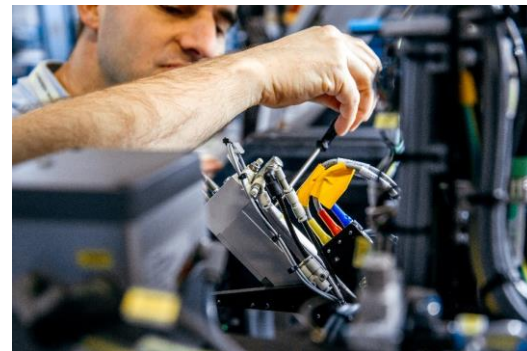
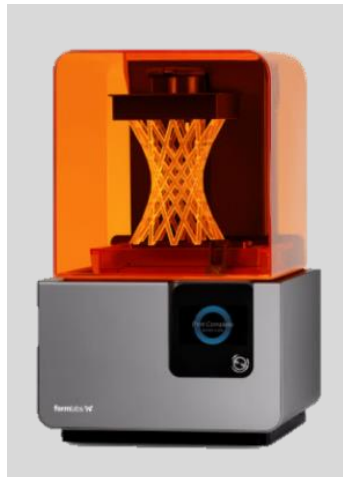


VIDEOTON

PORTABLE ENERGY



PRODUCT REFERENCES II.



DIVERSIFIED CUSTOMER BASE III.

BUILDING AUTOMATION/ SMART HOME

ABB LOXONE

SENSUS
a xylem brand **Itron**

Honeywell :hager

Schneider
Electric **legrand**

OBO
BETTERMANN 

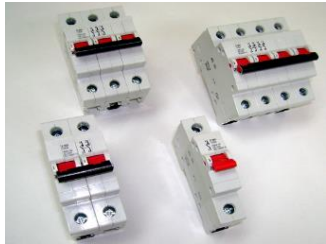
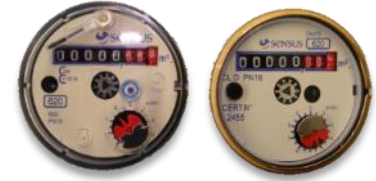
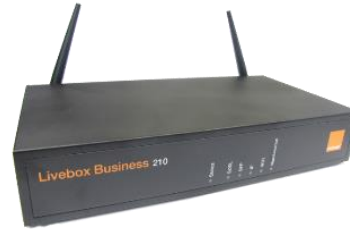
 **VIDEOTON**

NETWORKING PRODUCTS/ COMMUNICATION

 **COMMScope**

 **EKINOPS** **CORNING**

PRODUCT REFERENCES III.



DIVERSIFIED CUSTOMER BASE IV.

HOUSEHOLD

DēLonghi Group | BRAUN

PHILIPS | Electrolux

ghd
good hair day, every day

OTHERS

3M

ACRO

PETZL®

AKG®
by HARMAN

STADLER

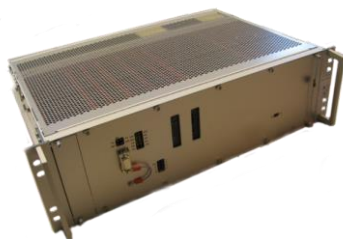


STOKKE®

TEQBALL
WORLD IS CURVED

ALSTOM

PRODUCT REFERENCES IV.



RECENT BUSINESS AWARDS I.

Development and building of an 80 sqm production and testing line that consists 22 stations and 1 labelling robot for a leading company in Automotive industry



Mechanical sub-assemblies for air and gas pressure switches serving thermal and process heating industry. Own development of assembly process flow and special purpose equipment



New investment of zinc-nickel coating line and further development of coating technology of engine compartment parts for a leading global partner to the Automotive industry

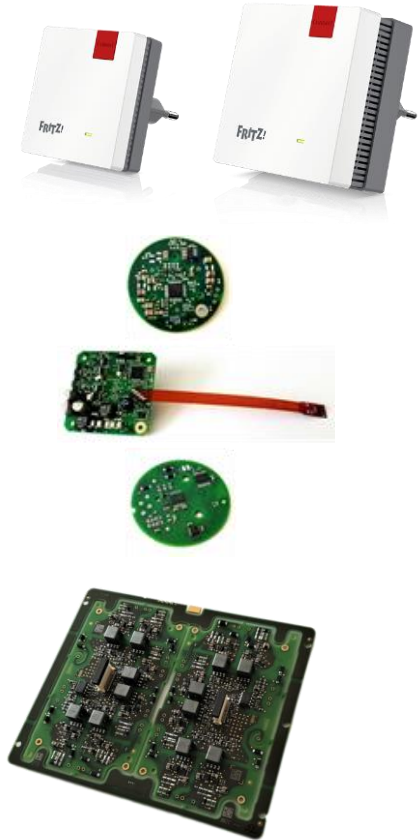


RECENT BUSINESS AWARDS II.

High volume production of WiFi repeaters for a renowned company in high-speed broadband connectivity and smart home networking

Production of several electronic controllers and drivers, like electronic oil pump, EGR valve driver and variable valve driver for a Tier-1 automotive component supplier

Production of electronics for EV inverters applied in e-car engines for a globally known company that produces components for electric and hybrid cars



WHERE ARE WE HEADING TO?

We are determined...

- to adopt a lean production approach in our operations. Apply Industry 4.0 methods
- to provide higher added value to our customers through our vertical integration and our synergies
- provide multifocal DfX support in our partnerships
- to further improve our world-wide sourcing capabilities
- to build up new and expand existing cooperations with dynamic, innovative companies, with special focus to battery, e-mobility, mobile power and smart technology markets
- to become strategic contract manufacturing partner in industrialisation and serial production for start-up / scale-up companies

KEEPING AND STRENGTHENING OUR PROVEN VALUES

Our strategy is utmost adaptability



Not being able to predict or influence markets is an accepted fact of life. Acceptance of operating in a cost+ business. Preparing for effective and fast actions in case of sudden changes in the environment. Expert in manufacturing with technology-based know-how. Open to all new markets and applications

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



Preference for many small steps as opposed to big leaps. Aiming to provide a more diverse 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. Support workers through employee benefit programs (housing, education, health, recreation etc.)

Largely continue with organic growth



Sustain transparency, predictability

FOCUS ON START / SCALE UPS

■ Paradigm shift

Instead of concentrating on established players only, Videoton is now also focusing more on start-ups / scale-ups who are looking for an all-around B2B UX.

■ What Videoton can provide to start/scale-ups

- Vertical integration
- Customized and flexible service
- DfX capabilities
- Scalability – Able to flexibly handle rapid ramp-up to high volumes whilst moderate volumes are also of interest
- Customized cost and financing models for the above

■ References:

- Full-scale industrialization of a battery pack for professionals for Instagrid
- Innovative sport equipment for TEQBALL



WHY VIDEOTON?

Integrated manufacturing services

Financial stability

Cost-competitive solutions

High flexibility

Customer-oriented focus

ONE PARTNER – INFINITE POSSIBILITIES

THANK YOU FOR YOUR KIND ATTENTION!

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