



**One company - infinite possibilities**



**2014**

# Videoton is

- A privately owned, financially strong, vertically integrated industrial group in low-cost Europe
- A competent multi-commodity supplier of complete products, modules and parts
- A European EMS provider
- A turn-key contract manufacturing partner for outsourcing and transfer projects
- A complex service provider owning and operating industrial parks



Founded in

**1938**

Privatised in

**1992**

**370** Mill €

Revenue (2013)

**270** Mill €

Shareholder's  
Equity

Net depositor  
since

**2005**

**11**

Locations

**8900**

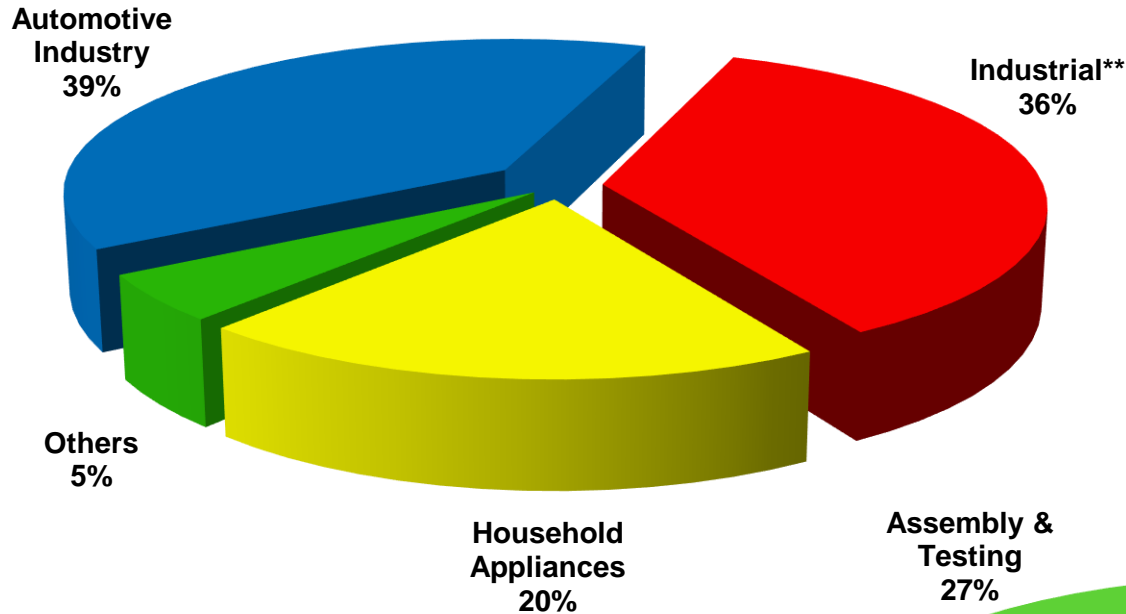
Employees  
(June 2014)

**4<sup>th</sup>**  
in Europe

**27<sup>th</sup>**  
globally\*

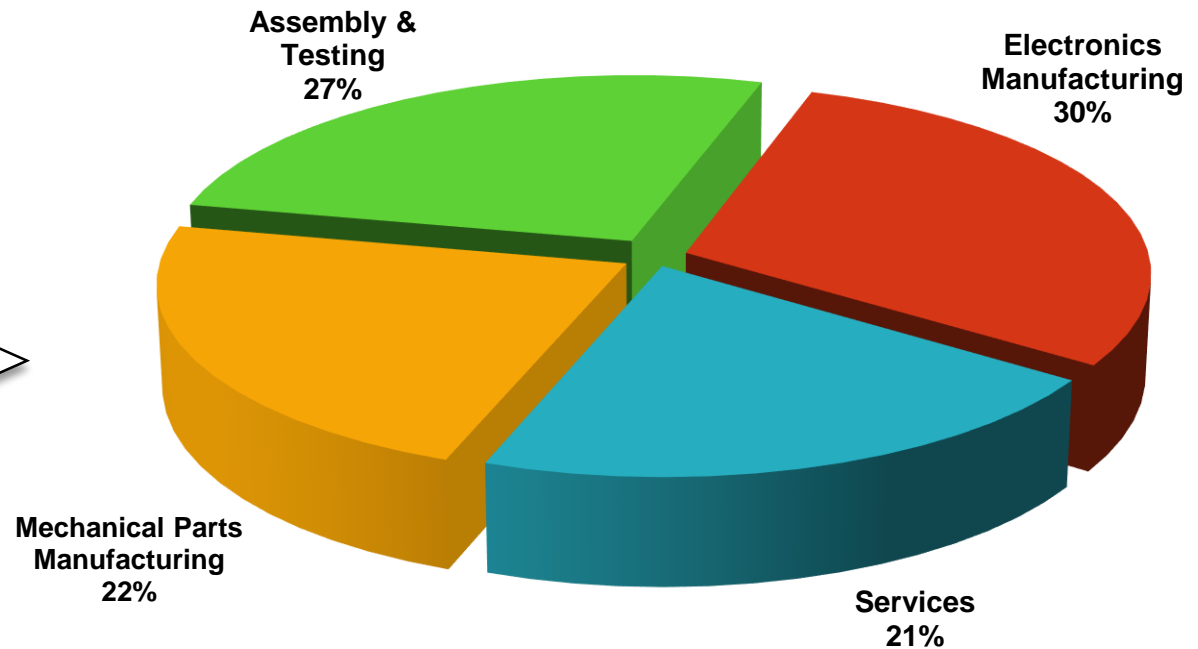
*\* Among contract manufacturers based on 2013 MMI rankings*

## Markets & Activities 2013



Market Exposure\*

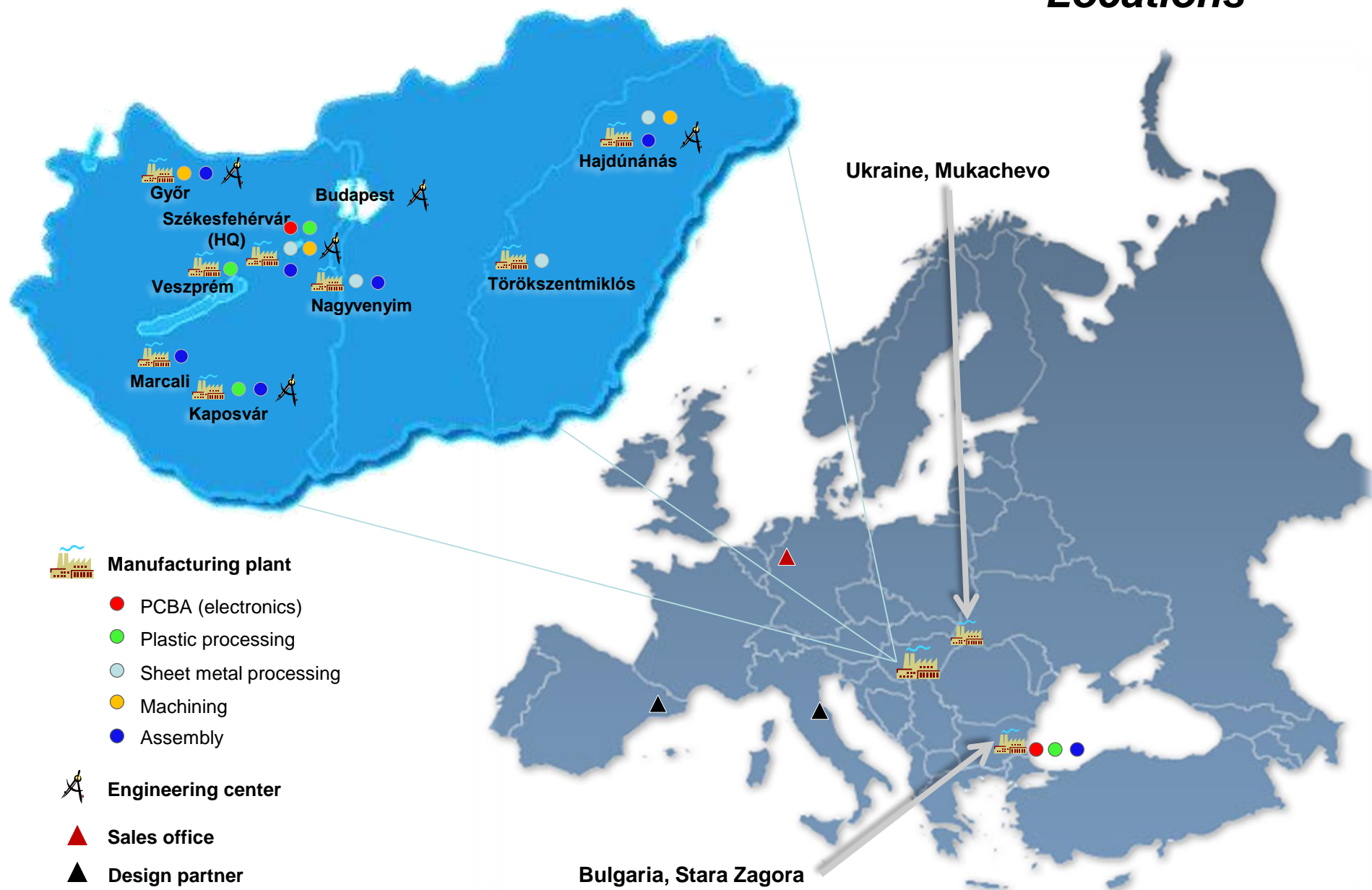
Activity Breakdown



\* Turnover without services

\*\* Including Building technology, Metering, Terminals, Railway, Energy, Lighting, Electrical, Semiconductor Processing Equipment

## Locations





### Holding

Property Mgmt

Controlling

Finance

HR

Legal

IT

Business Development

Sourcing

Design & Engineering

### Manufacturing

#### Electronics (40%)



**VT Automotive Electronics**  
Automotive EMS



**Videoton EAS**  
Non-automotive EMS

#### Part manufacturing (10%)



**VT Plastic**  
Automotive-focused injection moulding



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



**KVJ**  
Stamping w/ presses



**VT Precizios**  
Injection moulds  
Stamping dies



**VTCD**  
CD/DVD manufacturing

#### Assembly & part manufacturing (30%)



**VT Elektro-PLAST**  
Assembly  
Battery pack assembly  
Plastic injection moulding



**VTBH-DZU (BG)**  
Manual-focused assembly  
Plastic injection moulding



**VTES**  
CNC stamping, enclosures  
Stamping w/ presses



**VT Mechatronics**  
High complexity assembly and machining



**VT-Systemtechnics**  
Shelter manufacturing



**VT-ASYST**  
Special purpose machines



**VENTIFILT**  
Heavy-duty fans & filters  
Large steel fabrications

### Services

(20%)



**VT-ARRIVA**  
Passenger transport provider



**Pannonjob**  
HR services



**Industrial Park**  
Building lease



**VT ARtrans**  
Logistics services



**Pannonfacility**  
Facility management

## Core technologies

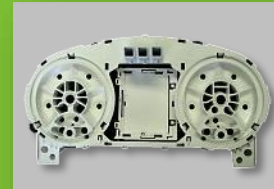
### Electronics production

- SMT, THT-insertion
- Soldering
- Testing
- Varnishing & potting



### Plastic moulding

- Tooling
- Thermoplastic & thermoset moulding
- Painting
- Printing
- Welding



### Assembly & testing



### Stamping

- Tooling
- Stamping & enclosure manufacturing
- Powder coating
- Degreasing
- Welding



### Machining

- Milling
- Turning
- Grinding
- Electroplating

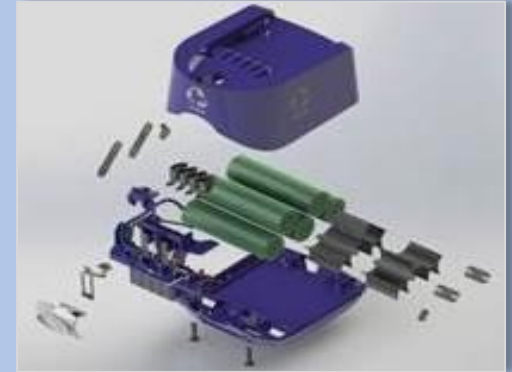


## *Specific product manufacturing - Highlights*

**Special purpose machines**



**Battery packs**



**Customer specific  
shelters**



**High complexity equipment**



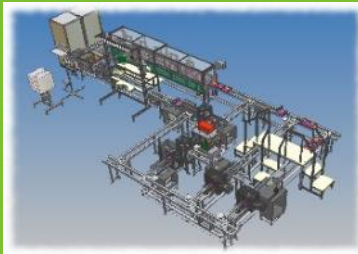
**Ventilators, filters &  
steel constructions**





## *Integrated manufacturing services*

**Design  
&  
Engineering**



**Manufacturing**



**Full  
supply chain  
management**



**Logistics**



## Quality & environment policy

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

**The above philosophy is underpinned by the below certificates:**

- ISO 9001:2008 certificate (all of our 19 subsidiaries)
- ISO 14001:2005 certificate (12 subsidiaries)
- ISO/TS 16949:2009 certificate (8 subsidiaries)
- OHSAS 18001:2009 certificate (3 subsidiaries)
- AQAP 2110:2006 certificate (1 subsidiary)
- ISO 13485:2003 certificate (1 subsidiary)



### ■ Design

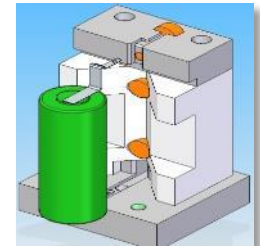
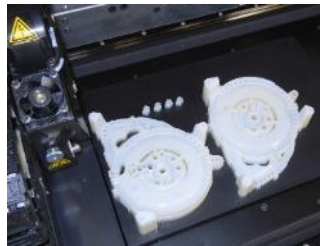
- In-house design of mechanical parts, assemblies and electronics with state-of-the-art software tools
- Design of simple battery packs
- Well diversified network of third party design partners for product development projects

### ■ Industrialisation

- A complete solution for NPI projects from DfX through design & manufacture of special purpose equipment, tools, jigs to prototyping (3D printing/objet, PCBA) & testing

### ■ Production engineering

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



## ***Management of Transfer projects***

- Available industrial properties: production & logistics facilities, offices, complete plants
- Full range of industrial park services
- Cash on hand for financing the whole transfer – high flexibility in business setups and financial settlement schemes
- Capable team to enable complete relocation according to partner's requirements
- Vast experience in wide range of technologies & industrial segments
- Best class references in diverse transfer projects (>200 realized deals)

**A competitive turn-key solution for  
outsourcing and relocation projects.**



## *Diversified customer base I.*

### Automotive



**BOSCH**



**DELPHI**

**DENSO**

PREMIUM SOUND  
SOLUTIONS



**FLEX** Automotive



**HI-LEX**



**u-shin europe**



## *Product references: Automotive*



## *Diversified customer base II.*

### Industrial

**ABB**

**ALSTOM**

**ANDRITZ**

*Atlas Copco*

**BARCO**

**Besi**

**Carrier**  
A United Technologies Company

**COOPER** Bussmann

**EATON**

**ebm papst**

**EMERSON**

**EPCOS**

**GE**

**GUNNEBO**  
For a safer world

**hager Group**

**Howden**

**infineon**

**Itron**

**Kopp**

**KUKA**

**legrand**

**LINAK**  
WE IMPROVE YOUR LIFE

**NCR**

**REITZ**  
VENTILATOREN

**Schneider**  
Electric

**SENSUS**

**SIEMENS**

**SIROCCO**  
luft- und umwelttechnik

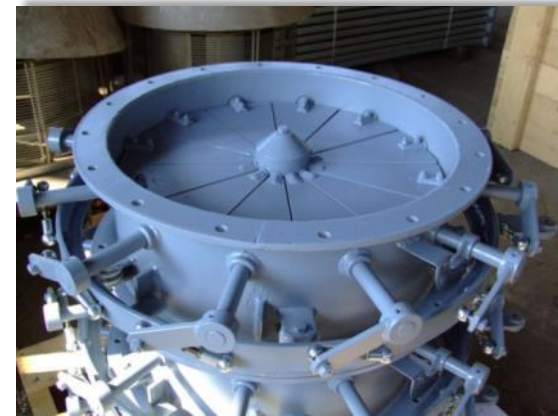
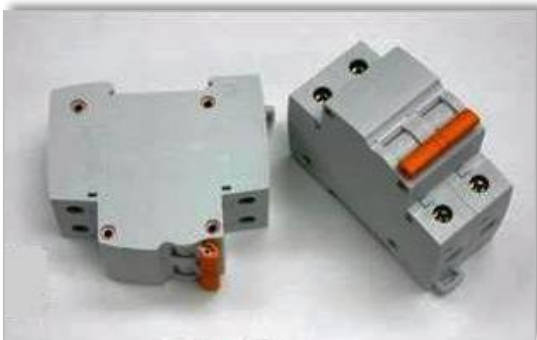
**socomec**  
Innovative Power Solutions

**STADLER**

**telent**  
service • commitment • value

**TSEU GROUP**  
Microsense Systems  
Traffic Signals UK

## *Product references: Industrial*





## *Diversified customer base III.*

Household

Others

**P&G**

B/S/H/

**3M**

**FDK**

DēLonghi Group | BRAUN

ONEACCESS<sup>®</sup>  
NETWORKS

 **Electrolux**

**ghd**  
good hair day, every day

 **Mediso**  
Medical Imaging Systems

  
**T A B**  
A U S T R I A

**LIEBHERR**

**PHILIPS**

**Panasonic**

 **SEDECAL**

## *Product references: Household*



## *Product references: Others*



### Quality Management

#### Industrial Park Services



#### Facility Management



#### HR Services & Manpower Secondment



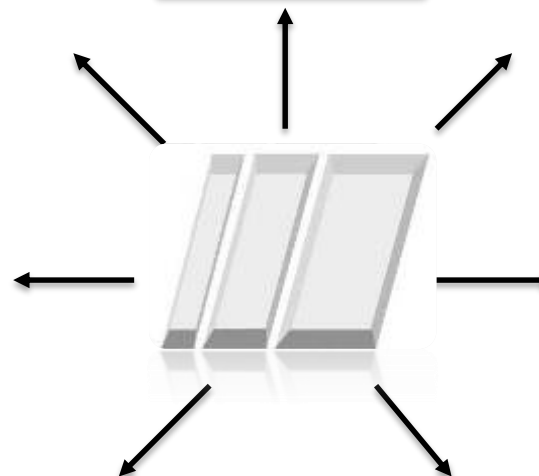
#### Manpower Transportation



#### Barcode systems



#### Logistics





## *Diversified customer base IV.*

### Services



BUDAPESTI  
KÖZLEKEDÉSI  
KÖZPONT



Innovation for the Real World



## Historical references



## *Recent business awards I.*

**Complex LED modules for premium segment car rear lights for the European and American markets**



**Serving 5 business lines of a global industrial group by 320 PCBA types made of 4 500 components**



**Strategic regional supplier of an Automotive OEM company**

**Business award of new package containing 39 types of stamped, welded and assembled parts for an innovative crossover**



## *Recent business awards II.*

**New competence in connector manufacturing  
Ramp-up to 90 million parts & 25 injection  
moulding machines**



**NPI partner for high-end hairdryer**



**Design & manufacturing partner of a Hungarian  
start-up company for innovative vending machines**





## *Recent business awards III.*

**New business for Network market segment in enclosure manufacturing**



**Constructing the 100<sup>th</sup> special purpose machine for a global Automotive TIER-1 company**



**Delivering of two sets static fan parts for exhaust gas fan built into a power station in Poland**  
**With their almost 8 meter height these are the biggest products ever made by Videoton**



## ***Where are we heading to?***

We are determined...

- to rationalise our manufacturing services by adopting a lean production approach thus further improving our competitiveness
- to provide higher added value to our customers through our vertical integration and our synergies – from in-house part manufacturing to complex systems
- to provide multifocal DfX support in our partnerships based on our multi-industry and multi-technology experiences
- to improve our competence in world wide sourcing, which will help us taking over sourcing responsibilities from our customers - this will increase our purchasing power, hence improve our competitiveness
- to capitalise on current customer strategies i.e. the region-to-region supply chain and retransfer from Asia
- to further penetrate high growth markets such as LED applications, smart metering, medical & healthcare products and batteries

...because you get a partner with

- integrated manufacturing services,
- financial stability,
- cost-competitiveness,
- high flexibility,
- customer-oriented focus.

**One partner - infinite possibilities**



# **Thank you for your kind attention!**

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