



AEROSPACE & DEFENCE



Marposs can supply a wide range of equipment for **quality and manufacturing process control** in production environment.



Marposs has become a world leader in **measurement technology** by offering to its customers a combination of advanced products, market knowledge and commitment to long term global partnerships.



Marposs is directly present with its own **sales and service** organization in **25 countries** and has a network of agents and distributors in another dozen countries.

THE GROUP IN FIGURES

worldwide present in

34

countries

offices worldwide

80

exports

94%

approx.

3,500

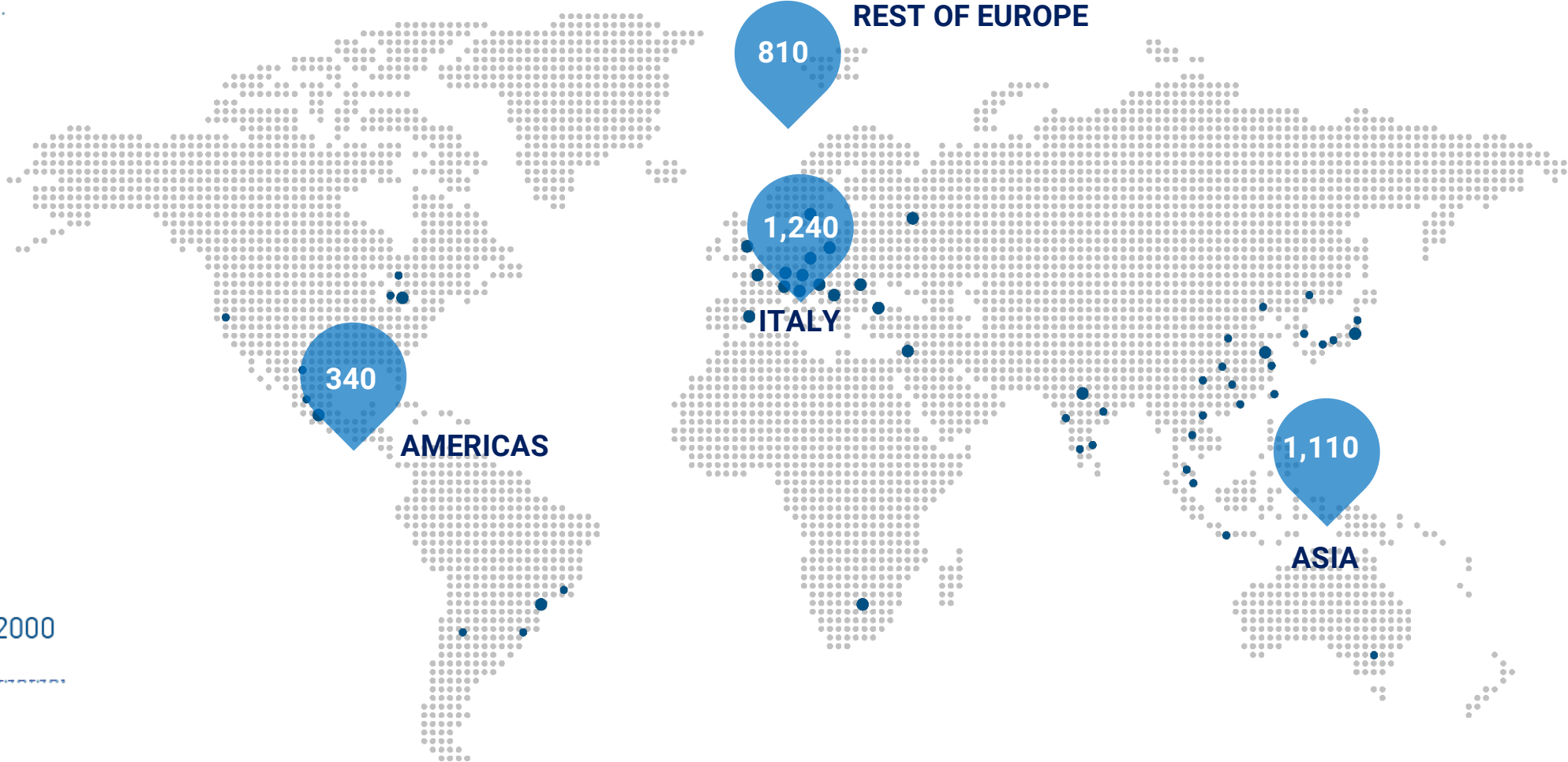
employees

30

key acquisitions since 2000

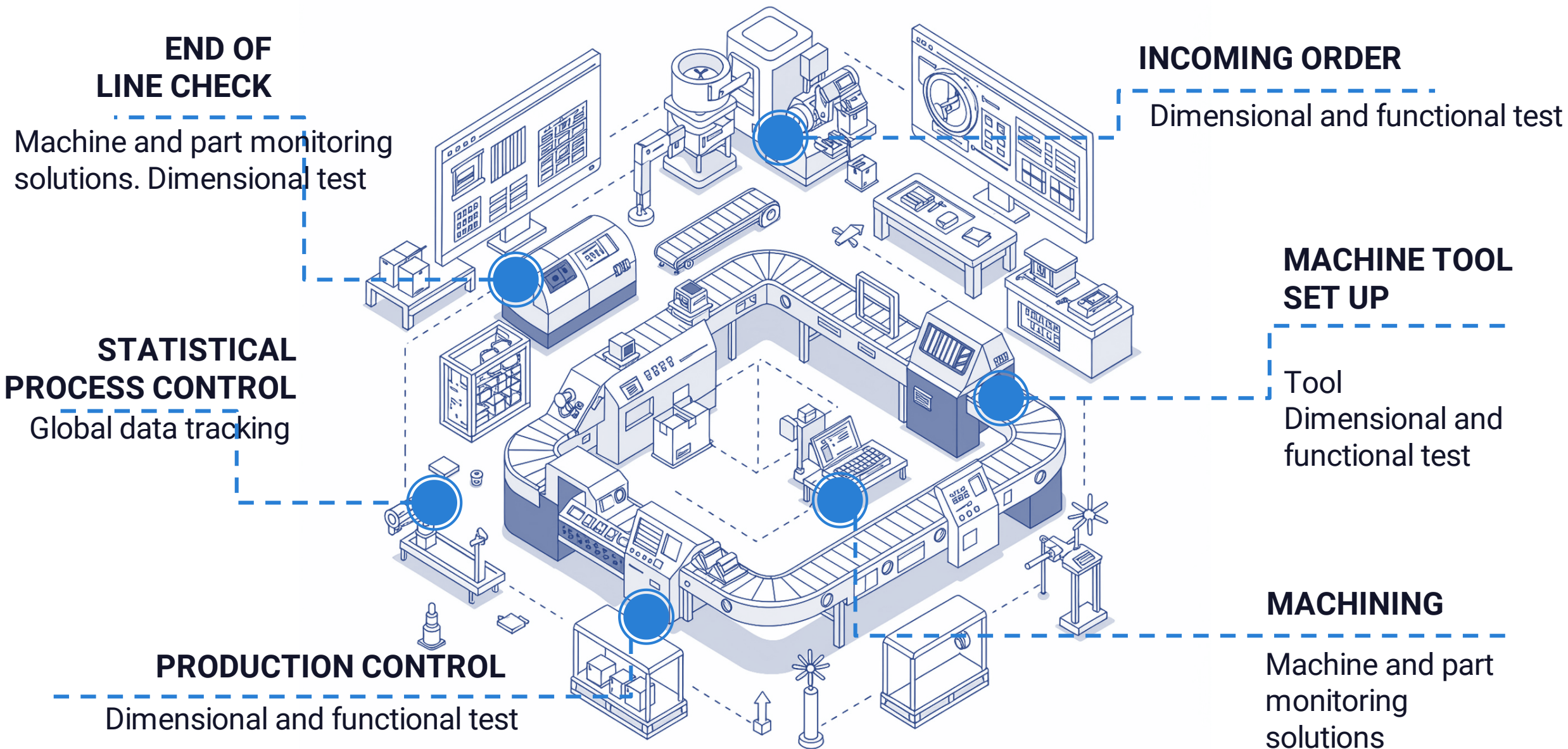
8%

resources invested in R&D

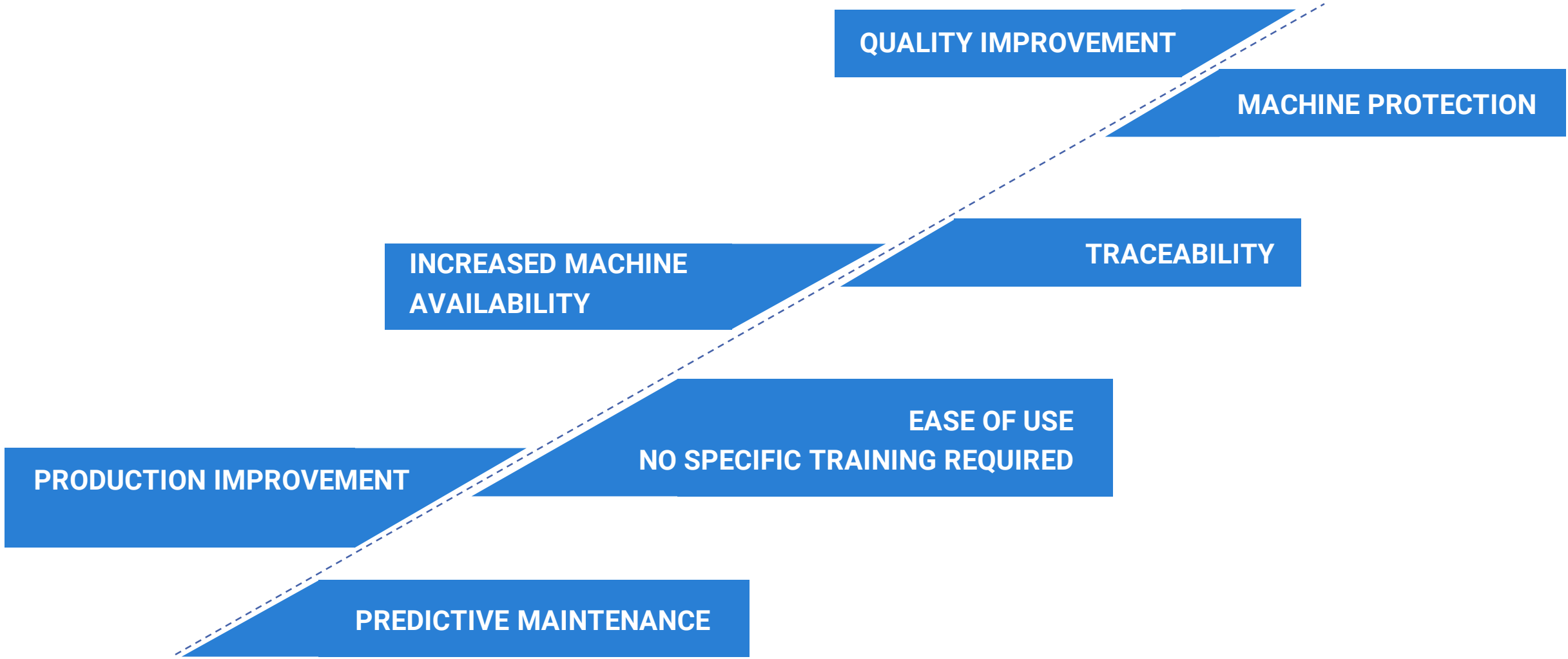




QUALITY CONTROL IN THE PRODUCTION PROCESS



BENEFITS



01 OFFLINE

- Cost effective production controls
- Less scrapped parts
- Less inspection time

02 ON MACHINING

- Less machine supervision
- Less rework caused by bad parts
- Better cycle time

03 SOFTWARE

- Goods in, in-process and final controls
- Supplier management (performance & Qualification)
- Documents & change control management
- Internal & external audits

STRUCTURES

ENGINES

HYDRAULIC
COMPONENTS
RIVETING
BLADES

FUSELAGE
AIRPLANE
WINDOW
WHEELS

E-MOTORS

CUTTING
TOOLS

GEAR AND
SHAFT

INJECTORS
AND FUEL
CASE

DIMENSIONAL TEST

Optical gauges;
Contact diameter and
Depth gauges;

Contact Diameter and
Depth Gauges

Optical gauges

Optical gauges

Contact Gauges; Optical
Gauges

Scanning Gauges

FUNCTIONAL TEST

Helium Leak
Testing

Thread and
Go/No-go gauges

No load and load test

Contact Gauges

Helium Leak Testing

INTEGRITY
DEFECTS TEST

Non Destructive Test

Isolation, Dielectric,
Hipot, Partial
Discharges

PART MACHINING

Machine & Part
Monitoring Solutions

Optical Gauges; Machine
& Part Monitoring
Solutions

Machine & Part
Monitoring Solutions

PRODUCTION
PROCESS

Monitoring Solutions

Monitoring Solutions

Monitoring Solutions

Monitoring Solutions

CONTROL QUALITY &
ASSURANCE
SOFTWARE

Production processes quality supervisor:

- Incoming orders
- End of line checks
- Statistical process controls

Instrument management supervisor:

- Check of the calibration
- Update of the certification
- Deadline notification

OFFLINE

ON-MACHINE

SOFTWARE

MARPOSS