AEROSPACE & DEFENCE

MARPOSS

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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

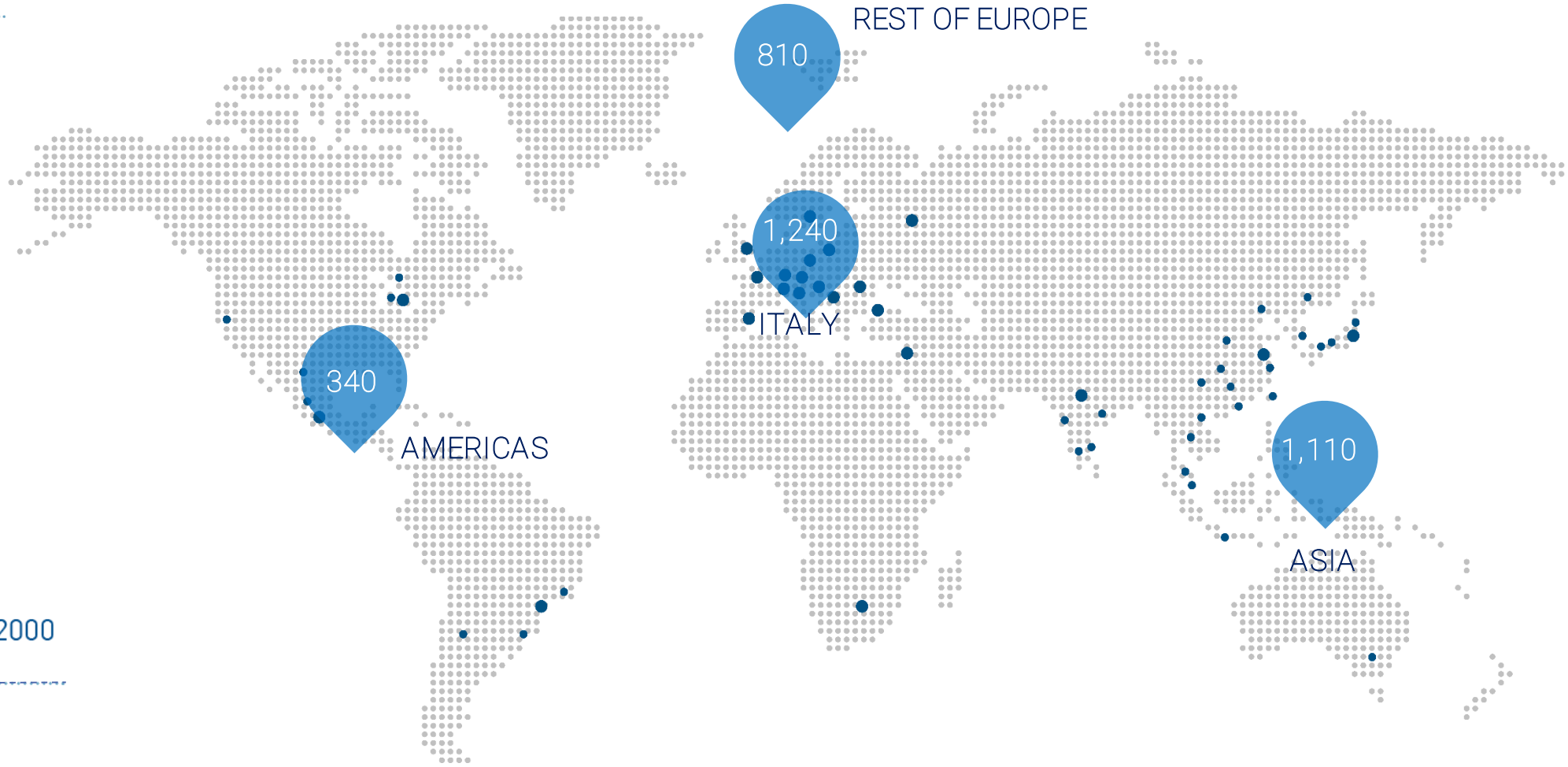
employees

30

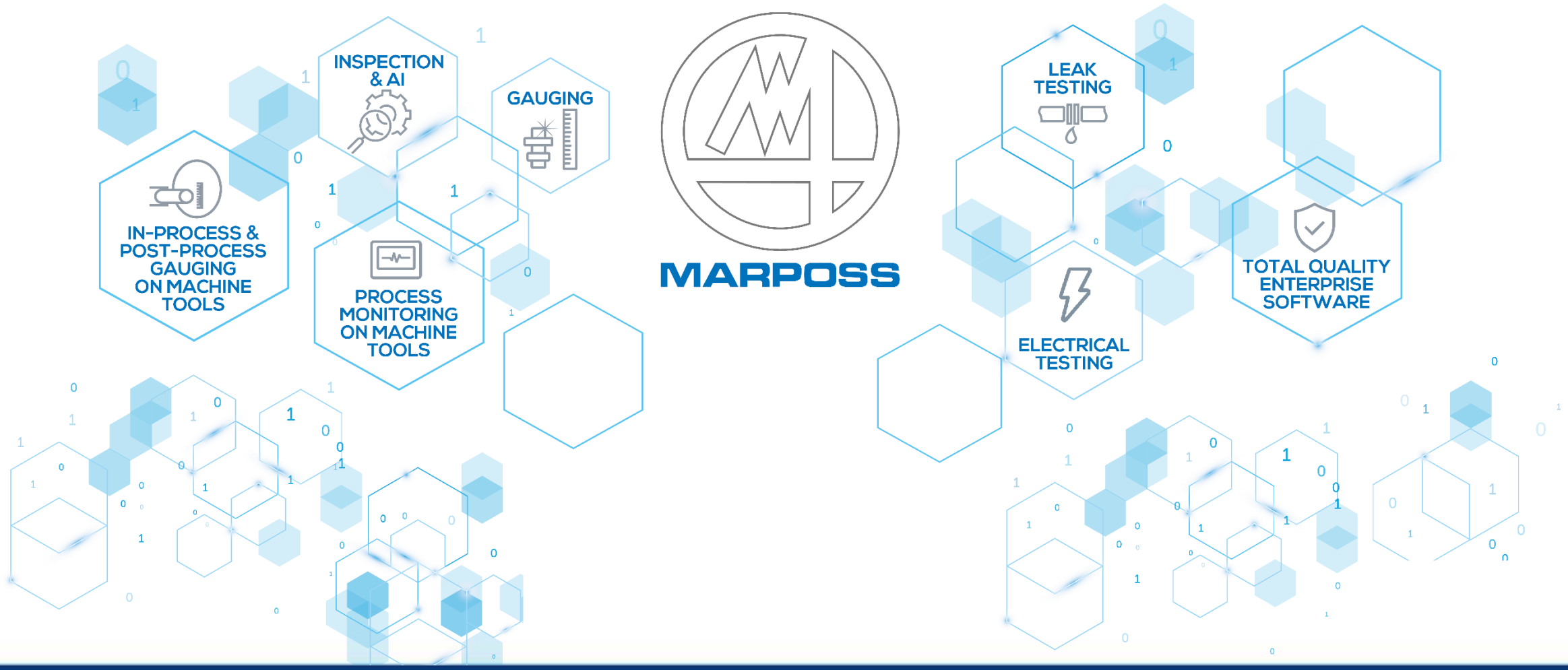
key acquisitions since 2000

8%

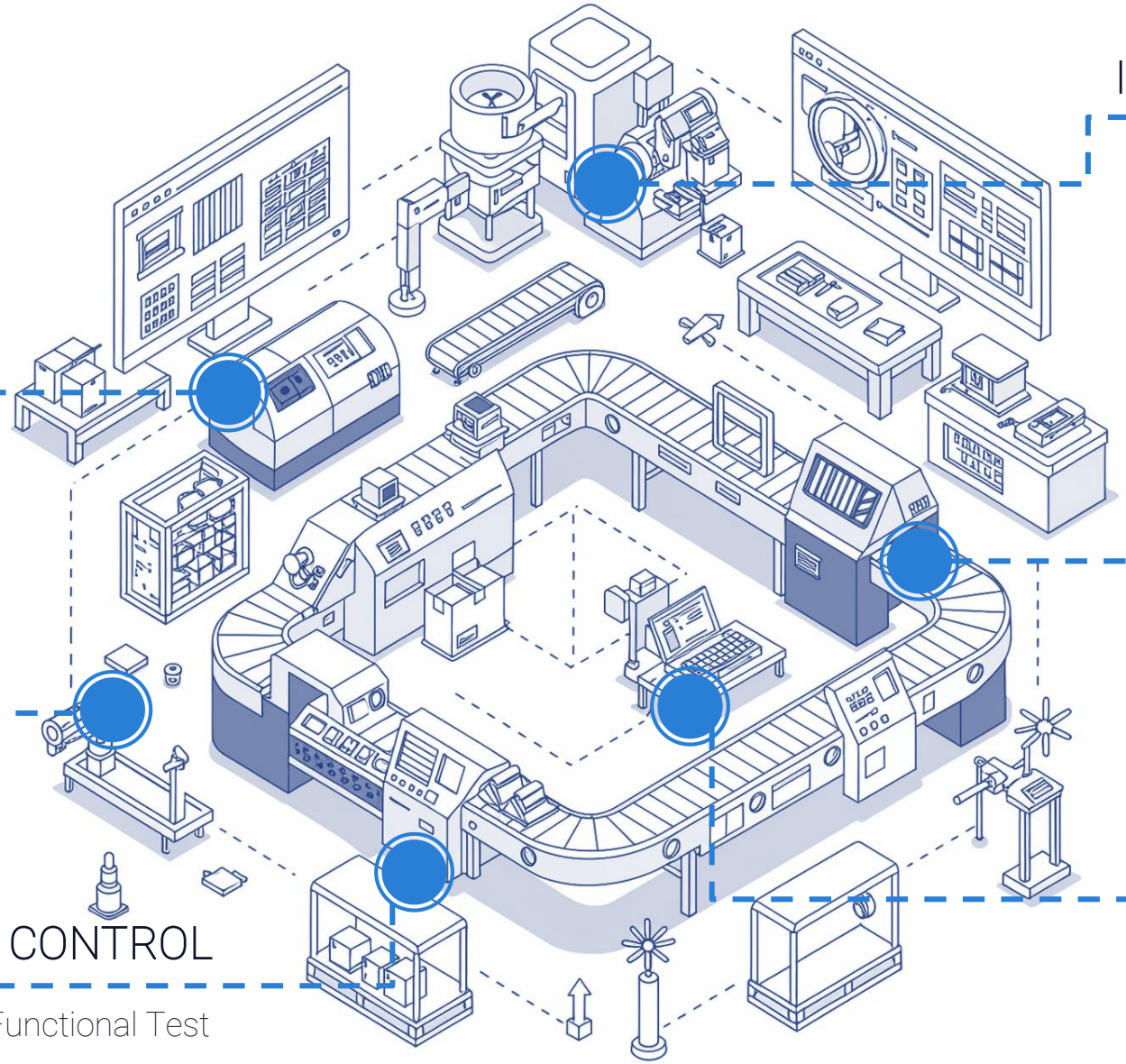
resources invested in R&D



MARPOSS GROUP



QUALITY CONTROL IN THE PRODUCTION PROCESS



END OF LINE CHECK

Machine and part
Monitoring Solutions
Dimensional Test

INCOMING ORDER

Dimensional and Functional Test

MACHINE TOOL SET UP

Tool Dimensional
and Functional Test

STATISTICAL PROCESS CONTROL

Global Data Tracking

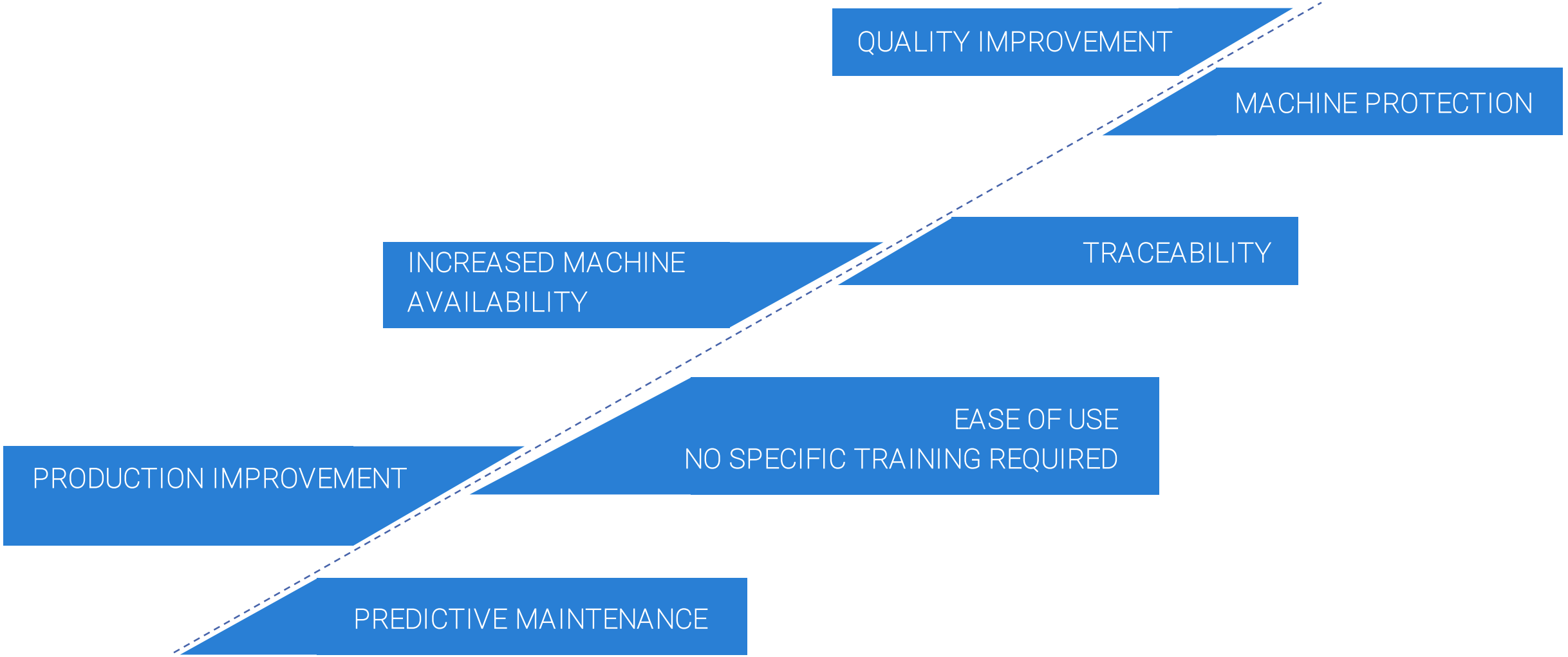
MACHINING

Machine and
Part Monitoring
Solutions

PRODUCTION CONTROL

Dimensional and Functional Test

BENEFITS


QUALITY IMPROVEMENT
MACHINE PROTECTION
INCREASED MACHINE AVAILABILITY
TRACEABILITY
EASE OF USE
NO SPECIFIC TRAINING REQUIRED
PRODUCTION IMPROVEMENT
PREDICTIVE MAINTENANCE

PAYBACK

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
OFFLINE	DIMENSIONAL TEST	Optical gauges; Contact diameter and Depth gauges;	Contact Diameter and Depth Gauges	Optical gauges	Optical gauges	Contact Gauges; Optical Gauges	Scanning Gauges
OFFLINE	FUNCTIONAL TEST	Air/ Helium Leak Testing	Thread and Go/No-go gauges	No load and load test		Contact Gauges	Helium Leak Testing
OFFLINE	INTEGRITY DEFECTS TEST		Non Destructive Test	Isolation, Dielectric, Hipot, Partial Discharges			
ON-MACHINE	PART MACHINING	Machine & Part Monitoring Solutions			Optical Gauges; Machine & Part Monitoring Solutions	Machine & Part Monitoring Solutions	
ON-MACHINE	PRODUCTION PROCESS	Monitoring Solutions			Monitoring Solutions	Monitoring Solutions	Monitoring Solutions
SOFTWARE	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		

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