

PRESTO

Enabling the future of automated inspection





Simplicity in mind

Discover streamlined and intuitive workflows, optimise operations and improve safety with PRESTO.

As a combination of proven solutions from the Hexagon's manufacturing technology portfolio, PRESTO is an automated inspection cell that enables start-to-end throughput – a seamless and efficient 3D scanning workflow for part inspection.

From preparation to metrology report generation, each step of the process has been designed with user satisfaction as a priority.

- A consolidation of market-leading hardware and innovative software solutions into a single competitive package
- Superior real-time 3D scanning speed that turns absolute measurements into digital twins, ready to be shared for design verification and virtual assembly
- An intuitive solution delivering an accessible operator experience

Suite dreams are made of this

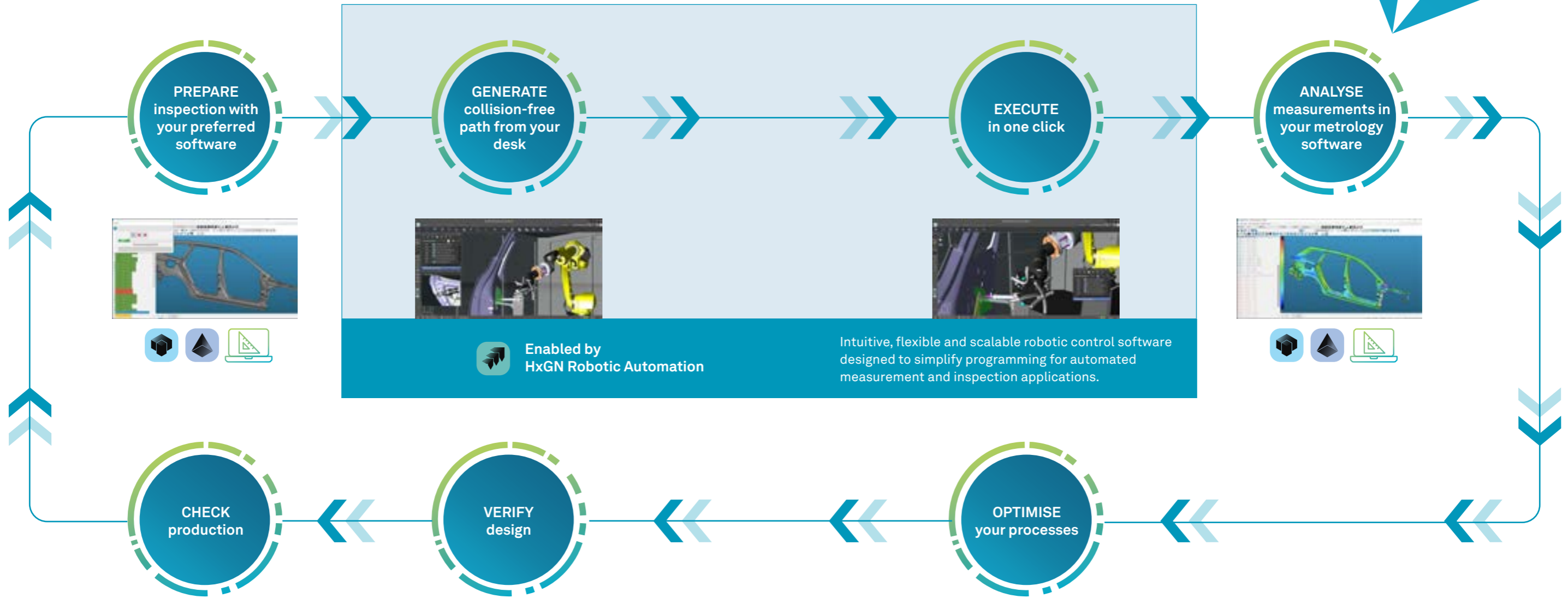
PRESTO has been designed to be seamlessly integrated into your shop-floor workflows

The PRESTO concept is all about simplicity – making it easier for anyone to run the process that delivers the data that makes manufacturing better.

Now there's no need for a robot engineer to model the cell, as all operators – no matter their training – are only a few clicks away from the metrology report.

Data collected during the inspection process collates a wealth of data that can be leveraged by both the inspection department and the wider organisation.

Over time, the growing compilation of inspection data will create an abundance of customer insights and knowledge – this is data with the potential to unlock new pathways and processes, creating a pipeline for future actions across the business.



PC-DMIS Sophisticated tools for high speed scanning, sheet metal measurement, part alignment, and so much more

Inspire The next-generation metrology software driving simplicity and productivity in portable probing and scanning

Third-party metrology software

nex:us Open platform enabling digital engineering & manufacturing collaboration




Metrology Reporting Simple, intelligent, and accessible cloud-based reporting and visualisation

eMMA Integrated AI for advanced analysis and forecasting




etq ETQ Reliance: Holistic quality data management platform

Embracing the change, easily

Process innovation: Cut inspection time by half*

-  Precise accuracy thanks to absolute measurements.
-  Minimal set-up time: start scanning instantly as no part preparation is required.
-  Scan any surface, even highly reflective material finishes.

Digital transformation: Contribute to insights

-  True digital twins: high quality data to generate your product digital twin and optimise the product lifecycle management.
-  Process data traceability: collected data incorporates all metadata, recording the complete story of any inspected part.
-  Data interoperability: increase the efficiency and accuracy of data-driven decisions with data that remains accessible and usable over time.

* Pending internal lab tests, performed on a car door achieving 100% coverage:
- Horizontal Arm CMM + optical scanner: 12 min
- PRESTO: 6 min

Built on leading technology

Paired with Leica Absolute Tracker AT960, the Absolute Scanner AS1 is a blue laser line scanner that captures 1.2 million points per second, and is therefore fundamental in allowing PRESTO to collect high definition inspection data at very high speed.



A consolidation of innovative solutions into a single package, operating seamlessly from the first day of activation.

Leica Absolute Tracker AT960: The flagship 6DoF tracker

Fanuc M-20iD/12L robotic arm

Best in class Absolute Scanner AS1

Superior safety

Clear safety glass enclosure

Robust rotating table for large and heavy parts

Only 20m² / 215sq.ft. footprint






PRESTO suite pre-installed



Your partner for inspection automation

No compromise on service excellence



-  Single touchpoint
-  One contract
-  One delivery, one installation, one commissioning
-  Hotline and assistance during the entire equipment service life
-  Scalable to your needs

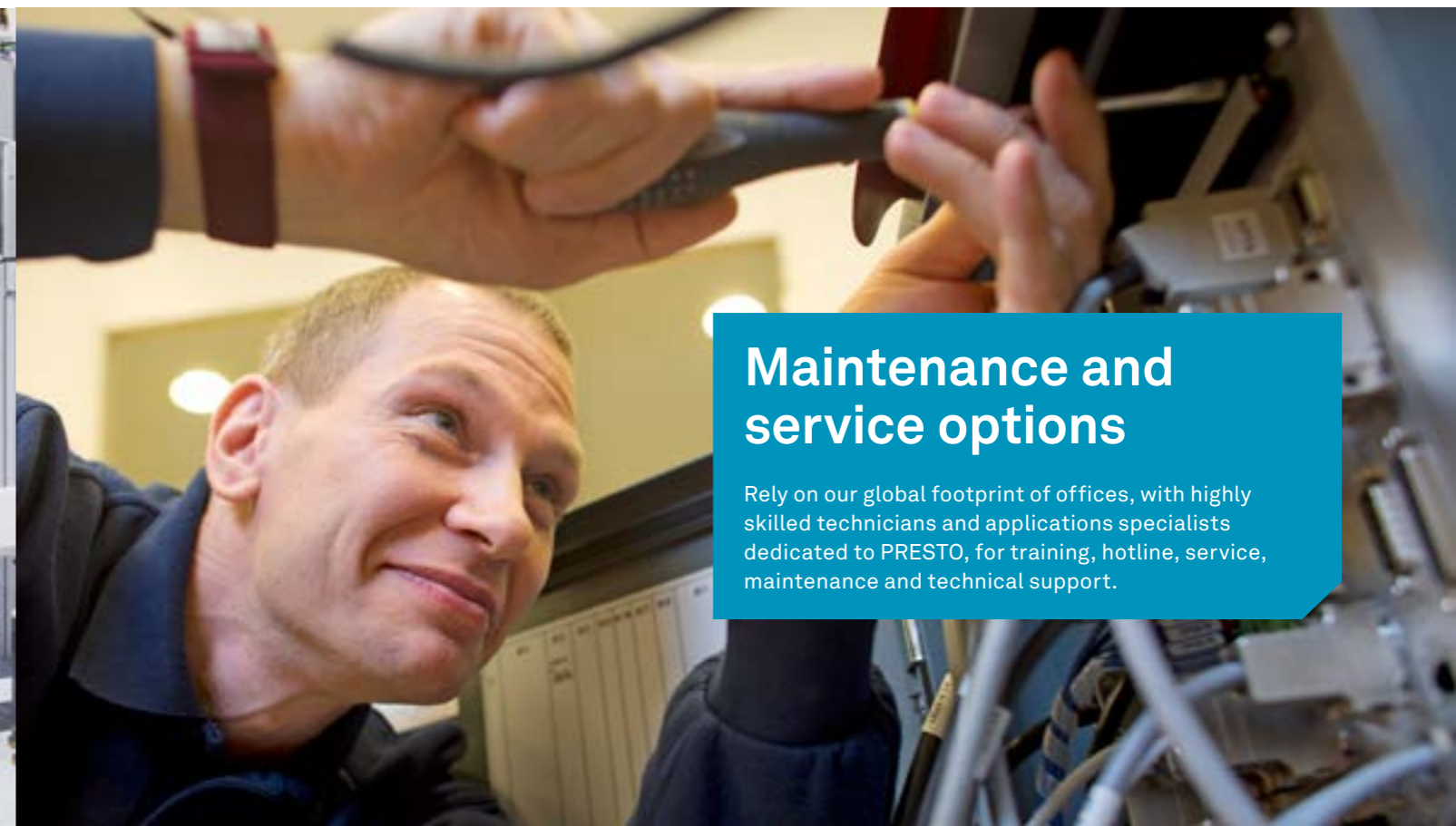
Brought to you by a dedicated team of automation experts

Hexagon's dedicated automation hub specialises in helping manufacturers effectively design and deploy automated solutions to deliver maximum benefits and fast return on investment.

Our trusted portfolio of modular, off-the-shelf solutions enable you to scale the system to your specific needs and empower your teams with rich quality data that drives operations improvement.

A complete plug-and-play solution

Included	
Fully equipped cell	Left or right configuration Clear wall enclosures and safety devices Fully-equipped robotic arm Rotating table for parts up to 3000 mm diameter and 3000 kg Locked technical cabinet Workstation CE or UL certificates
Metrology devices	Absolute Scanner AS1 Leica Absolute Tracker AT960
PRESTO software suite	PC-DMIS or Inspire HxGN Robotic Automation
Warranty	One year warranty from day one over the full system
On-site services	Single delivery Installation and system commissioning Site acceptance test
On-site training	Programmer and application training Operator training
Optional	
Maintenance services	Customer Care Packages available on request
Fixturing services	Performed by Hexagon automation designers
Polyworks® metrology software	Integrated into HxGN Robotic Automation
Process analysis software	Nexus, Metrology Reporting, Q-DAS eMMA, ETQ Reliance



Maintenance and service options

Rely on our global footprint of offices, with highly skilled technicians and applications specialists dedicated to PRESTO, for training, hotline, service, maintenance and technical support.



Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Manufacturing Intelligence division provides solutions that use data from design and engineering, production and metrology to make manufacturing smarter.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at [hexagon.com](https://www.hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).