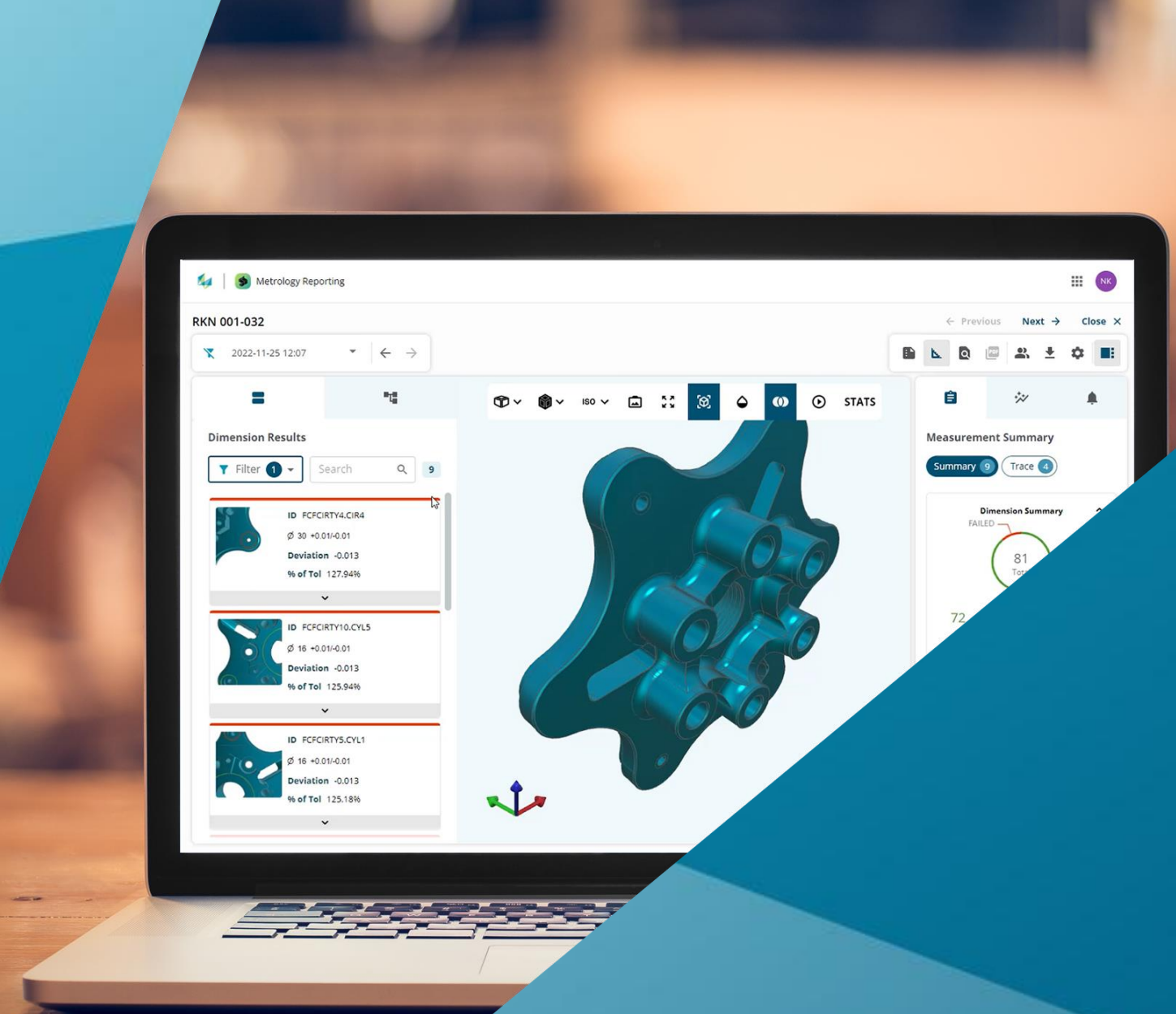


Metrology Reporting

Overview

HEXAGON

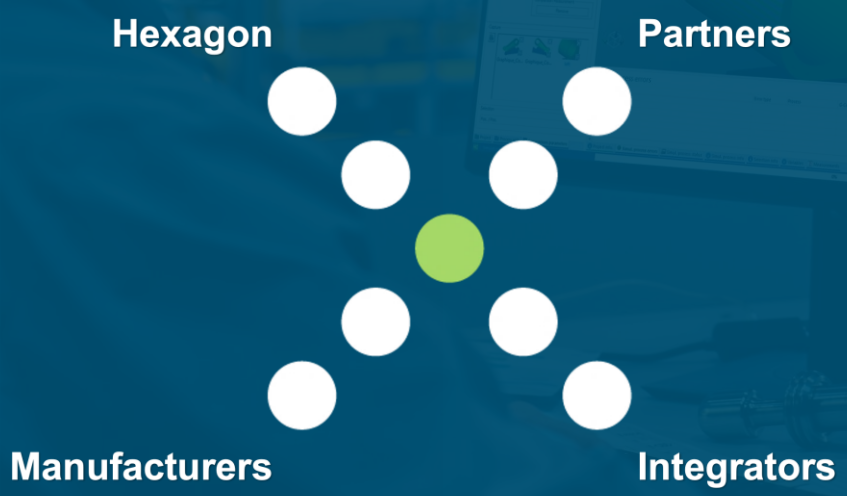
nexus®

Overview

HEXAGON

nexus©

Accelerate innovation through digital engineering & manufacturing by connecting people, technologies and data



Personalised user experiences

Cloud based collaboration

End-to-end process workflows

Easy accessibility to information

Analytics & data driven insights

AI and advanced visualization

Value added solutions

Learn more about nexus at nexus.hexagon.com

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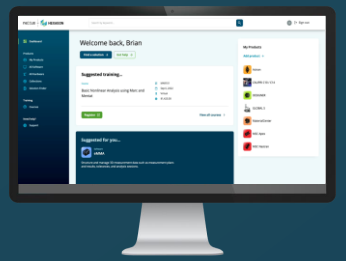
Nexus pillars

Portal



Personalised user experience

Platform

Openness, Collaboration, Connectivity

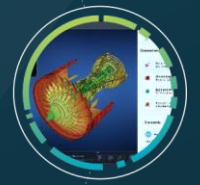
Solutions

Next-gen products and connected workflows

Nexus enablers

nexus
Freedom to innovate

Connect
Connect people, technology and data



Empower
Empower teams collaborate in real time

Innovate
Innovate using cloud-based technologies, adv visualization

Nexus journey

Digitalization

Insights

Autonomy

Nexus value

Reduced costs

Improved Quality

Faster Time to Market

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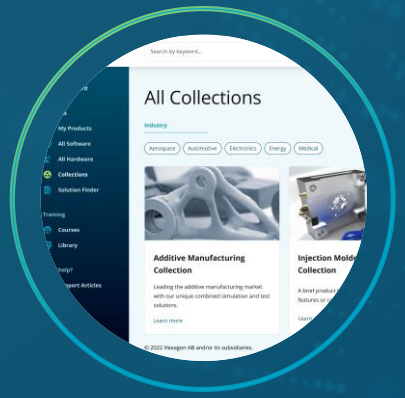
Nexus Portal



Personalised and consolidated user experience

New solutions and opportunities discovery

Quick and easy access to help and support

NEW Available soon - product trials, training platform, exclusive portal content

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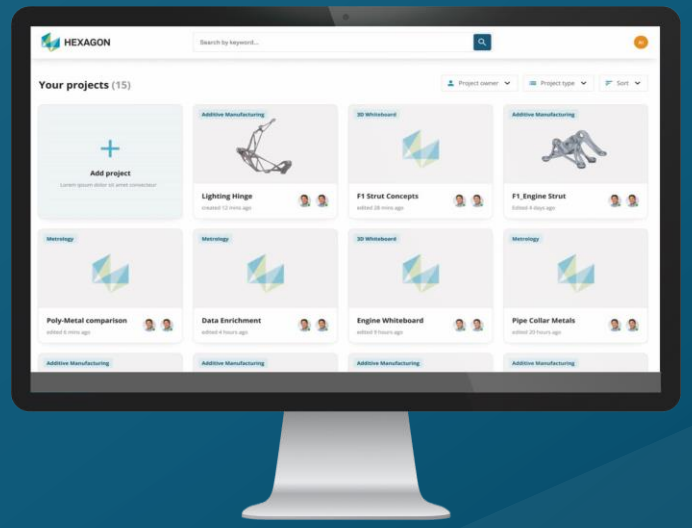
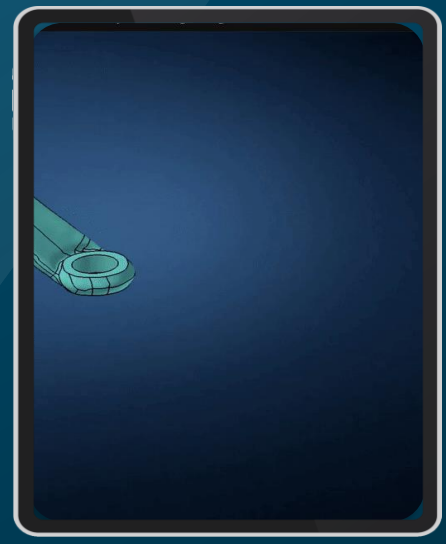
Nexus Platform

Operating principles:



Openness

Collaboration



Connectivity

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Nexus Solutions

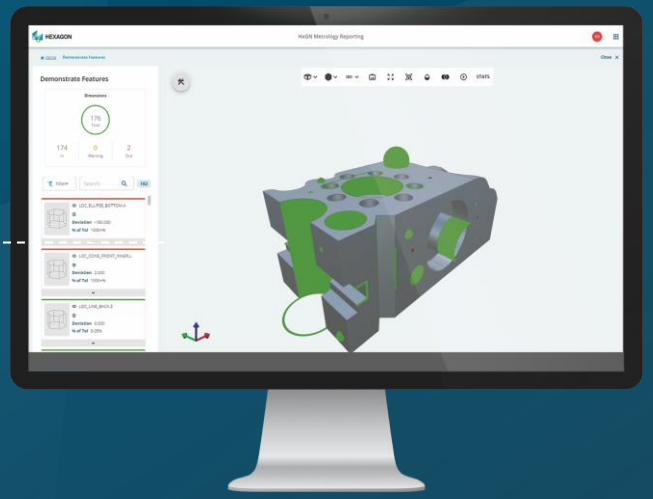
Nexus solutions are offerings developed by Hexagon and its technology partner network to address specific challenges in various stages of the manufacturing process.

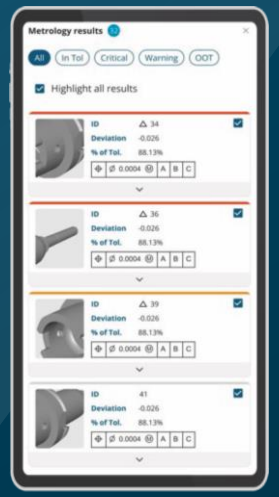
Quality

Design | **Simulation** | **Production** | **Inspection**

Use next-generation Nexus products and connected workflows

Metrology Reporting





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Metrology Reporting

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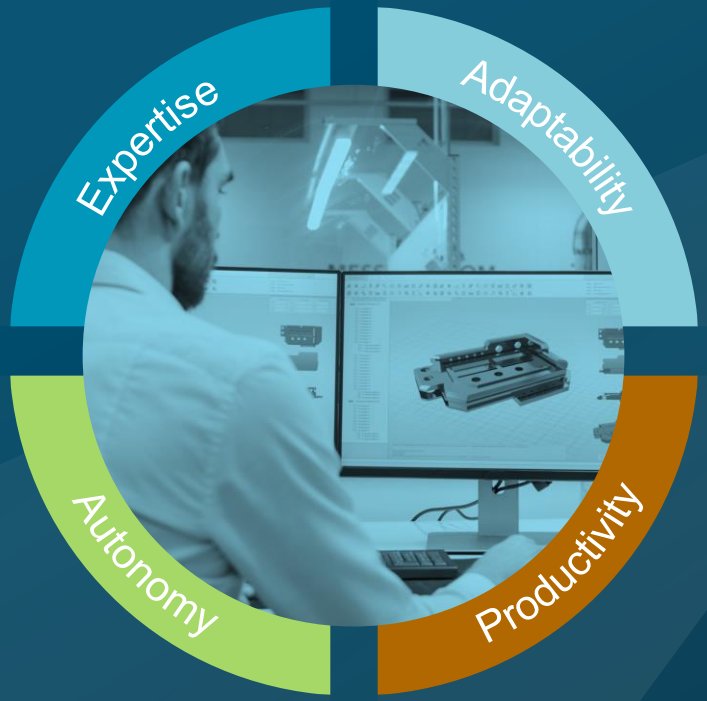
Market Drivers

On-going reduction of metrology expertise available in-house and new starts with different experience and expectations.

Flexibility and speed of adaptation to changes in design, production, or CMM fleet availability



Reduce the reliance on metrology experts and CMM programmers, reduce labour costs and implement autonomous workflows.

Need for enhanced productivity based on analytics, inter-connected systems and next-gen workflows

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Customer Challenges

Disparate reporting tools offering various qualities of functionality

Dated UX and workflows leading to slow user workflows, user frustration and inefficiency

Slow and convoluted access to limited data

Ensuring secure access for the correct people to the correct data across the globe

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Our Solution

User-Centric

Scalable

Easily & Highly Accessible

Source Data Agnostic

Modern UI & UX

Secure

With Metrology Reporting, customers can centralise disparate, agnostic-data sources into a single dashboard and establish a digital thread for smarter reporting and insights.

What is Metrology Reporting?

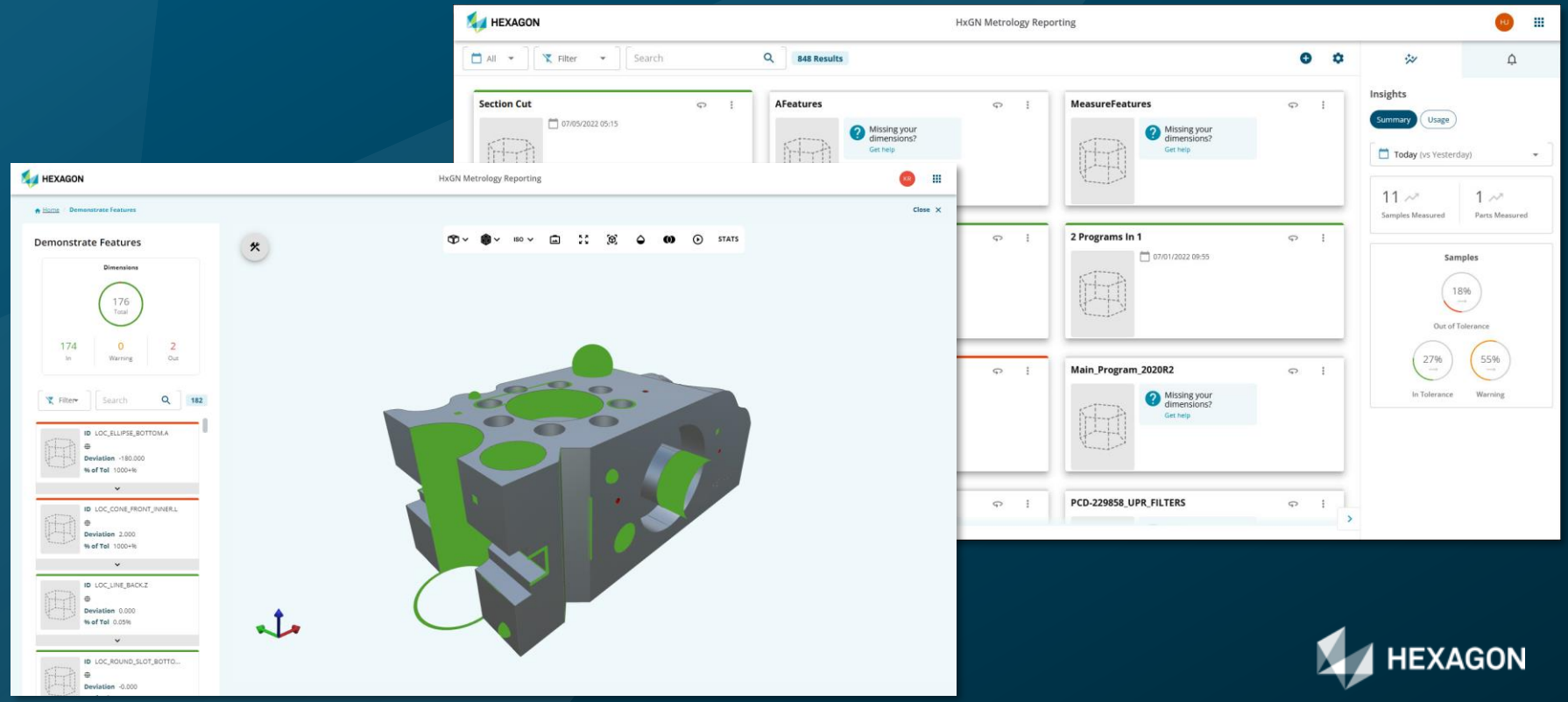
Metrology Reporting provides real-time information and insights, enabling increased productivity based on data-driven decision making. Cloud-based, its centralised reporting functionality is simple to use, provides intelligent insight, and is accessible on any device at any time.

It enables a modern digital thread framework that facilitates integration and connectivity of disparate, agnostic data sources, leading to minimising time, cost and risk associated with metrology data storage, sharing and utilisation.

Simple

Intelligent

Accessible



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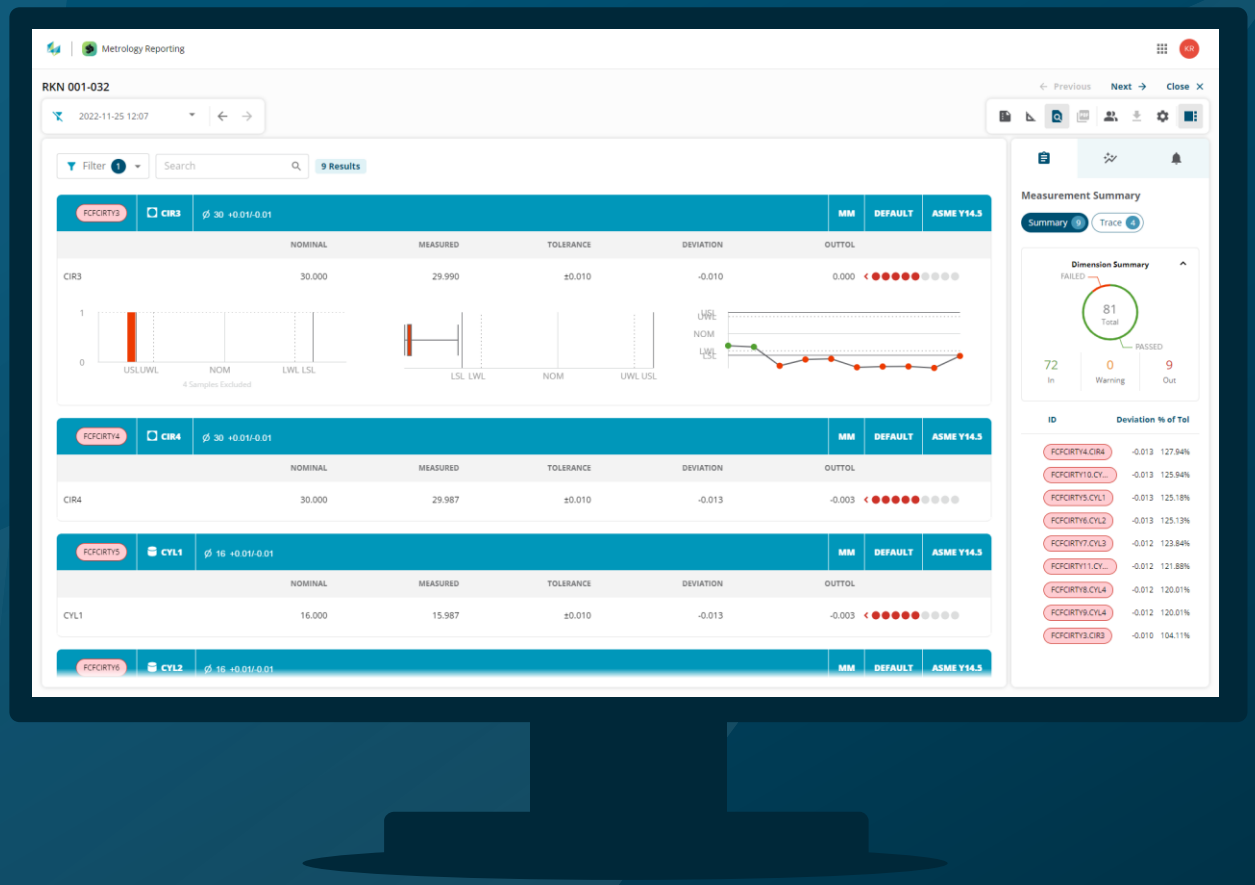
Easy-to-use UI to ensure user adoption and continued efficiency

Simple



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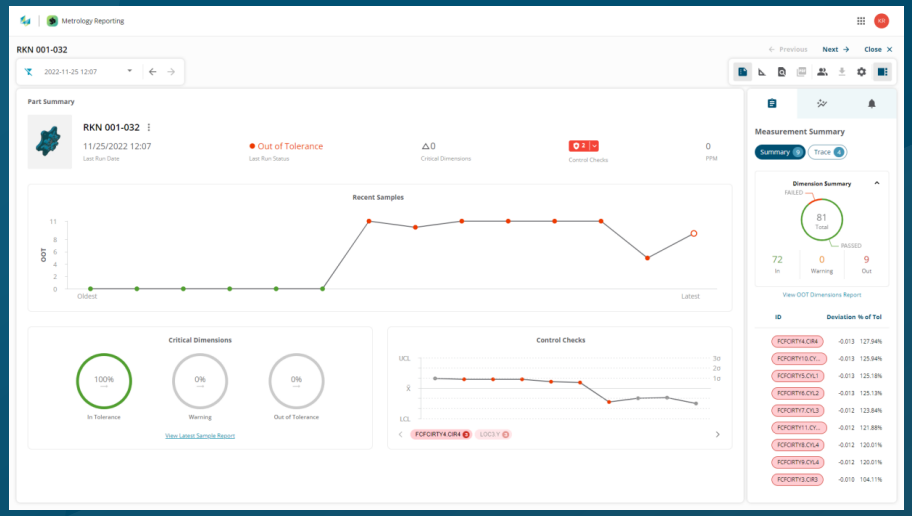
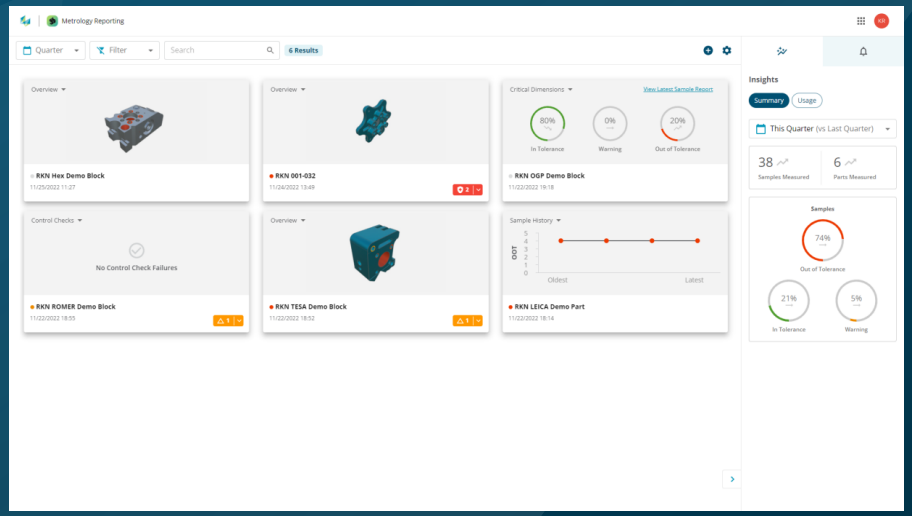
Improve productivity with automated easy-to-use data insights

Intelligent



Individual Part Insights



All Parts Insights

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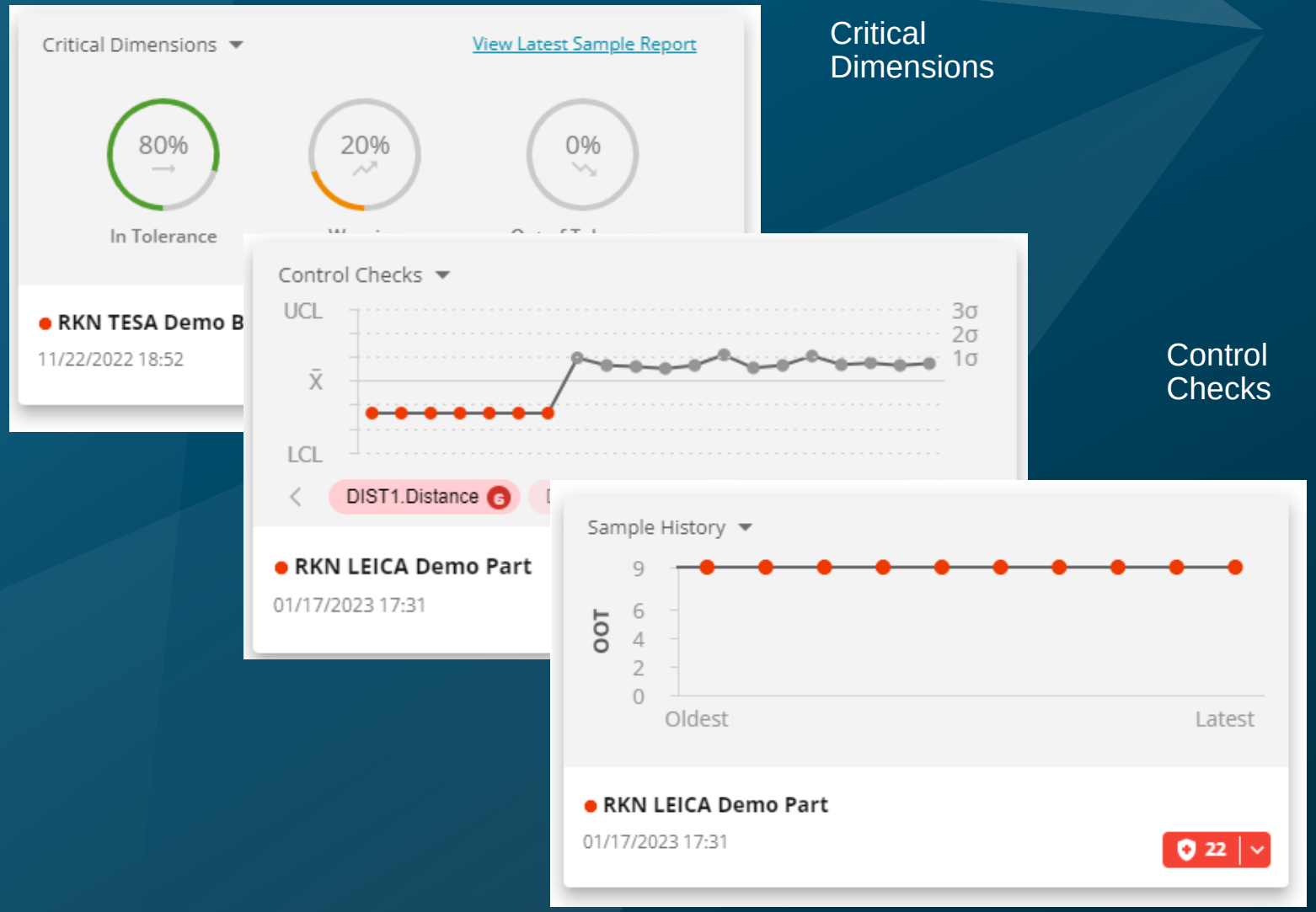
Improve productivity with automated easy-to-use data insights

Intelligent



Critical Dimensions

Control Checks

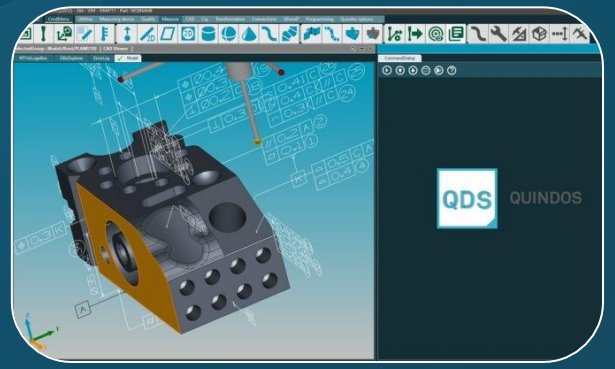
Sample History

Import data from various on-premise SW and access on any device with a supported browser

Accessible

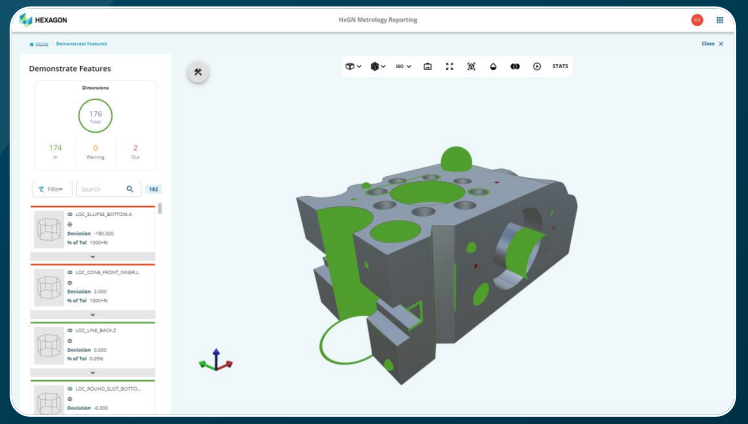
Data Acquisition

PC-DMIS



QUINDOS

Reports & Analysis



METROLOGY REPORTING

Key features

- All metrology data in one **central** location
- **Unlimited** number of users
- Choice of report types:
  - Interactive CAD Report
  - Interactive Text Report
  - Historic PDF Reports
- Browser-based ensuring **wide access** wherever a user is
- Integration to existing on-premise SW
- **Automatic** uploading of reports
- Status for all produced parts
- Intelligent sorting and filtering
- Production statistics
- Event log

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Value Provided

Faster and **better decision making** due to ease of access to reports, trends and statistics

Secure access to data anytime, anywhere

Modern user experience provides simple onboarding and continued efficiency

Cloud-native architecture ensures **unlimited user access** to a highly responsive system

Customer-centric design built around customer workflows

Central location for all reporting data and functionality provides collaboration, error reduction and efficiency opportunities

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Get ready for nexus®

Join our exclusive pilot program!

Timeframe – 15 Days

- ✓ Live onboarding with Metrology Reporting team
- ✓ Participate in exit interview

Asks during experience:

- ✓ Onboard a machine and pass data (including CAD) to Metrology Reporting
- ✓ Try the Interactive CAD Report & Interactive Text Report
- ✓ Explore the various insights available and try control checks and critical dimensions
- ✓ Share a Report with a colleague

Contact:
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Product Manager – Cloud Reporting
ryan.kilmurray@hexagon.com

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