What's new in

PolyWorks
DataLoop™ 2023

Data Management & Digital Connectivity Solutions

PROTECTED DATABASE

APPLICATION

AUTHENTICATION

Azure AD

SAML 2.0

AUTHORIZED USERS

Interconnect PolyWorks|DataLoop™ to your corporate identity server

Identity servers are the key components of IT infrastructure that store user credentials and authenticate user access. PolyWorks® now supports Azure AD and the SAML 2.0 authentication protocol to interconnect the PolyWorks|DataLoop data management solution to your corporate identity server, empowering your organization to:

- Easily share 3D measurement data internally by implementing single sign-on enterprise-wide
- Enable concurrent engineering and accelerate the root-cause analysis of assembly issues by allowing external suppliers to save their 3D measurement data into your database
- Deliver 3D measurement data and results digitally to customers or service partners

innovmetric

Manage a large number of inspections from your production

Store up to one million measured pieces sampled from a production line within a single inspection project and:
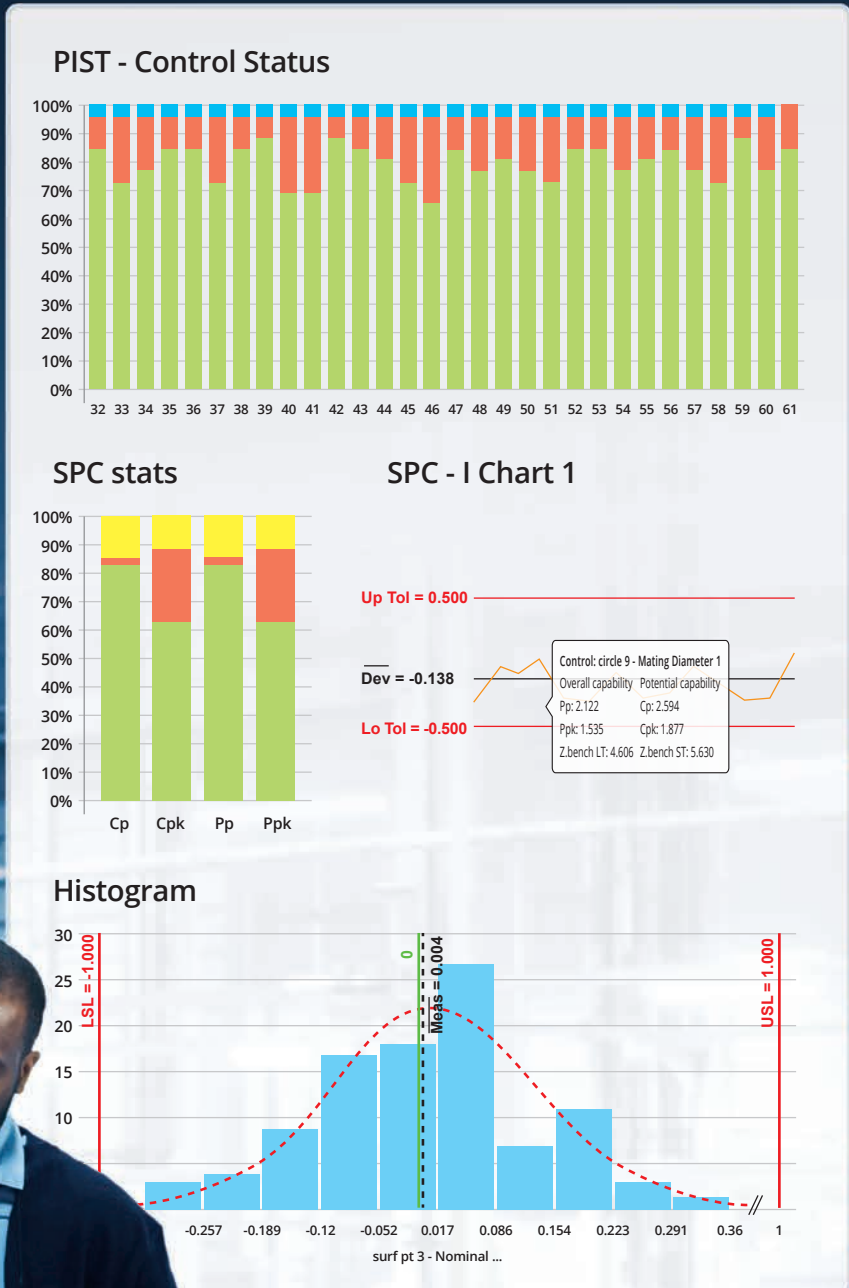
• Search and open any measured piece as quickly as if it was the last one measured

• Monitor dimensional trends over a longer time span

Navigate inspection data using smart catalogs

Quickly organize search results into logical categories:

• Accelerate searches by displaying inspection projects in a meaningful hierarchy, based on user-selected metadata

• Explore inspection results efficiently by reviewing properties, statistics, alerts, and reports without ever opening projects

• Share structured search results with colleagues through hyperlinks

Select Filters

No. of pieces: 99999

Project properties
☑ Organisation — Omega Autom... ▾
☑ Customer name — Apex Inc, Ace... ▾

Piece properties
☐ Approval status — Select a value... ▾

★ Favorites only ⬤

⌄ Omega Automotive

⌄ Apex Inc

Project	Workspace	Organization	Customer	Part number	Part name
G1-67F82-Bpillar-R	G1-67F82-ACT-Bpillar	Omega Automotive	Apex Inc	4962	B_Pillar

⌄ Apex Inc

Project	Workspace	Organization	Customer	Part number	Part name
RL4_COV_54249_LH	RB_Testing_Sandbox	Omega Automotive	Apex Inc	54249344_LH	COVER LH
RL4_COV_54249_LH	RB_Testing_Sandbox	Omega Automotive	Apex Inc	54249344_LH	COVER LH

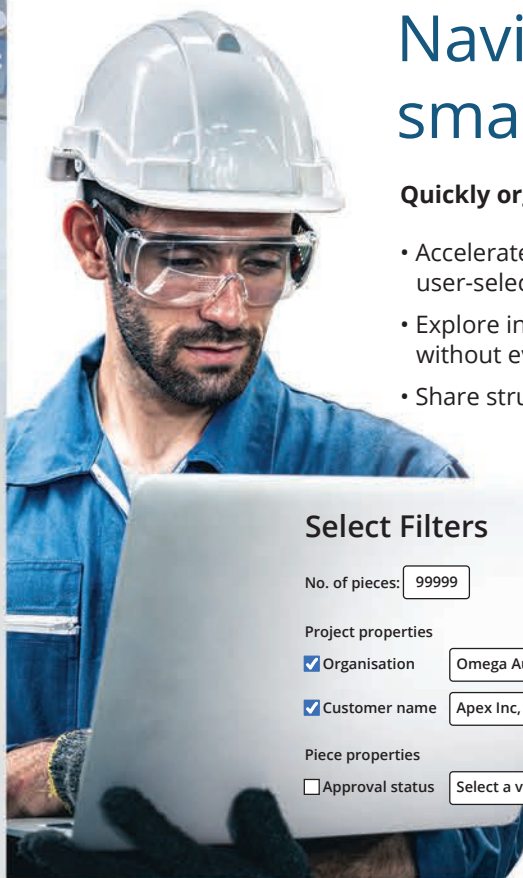# Monitor your production's dimensional trends at a glance

Display hundreds of charts at once and:

• Track the status of all measurements simultaneously

• Visualize the global performance of the complete inspection

PIST - Control Status

SPC stats

SPC - I Chart 1

Up Tol = 0.500

$\overline{Dev}$ = -0.138

Lo Tol = -0.500

Control: circle 9 - Mating Diameter 1
Overall capability | Potential capability
Pp: 2.122 | Cp: 2.594
Ppk: 1.535 | Cpk: 1.877
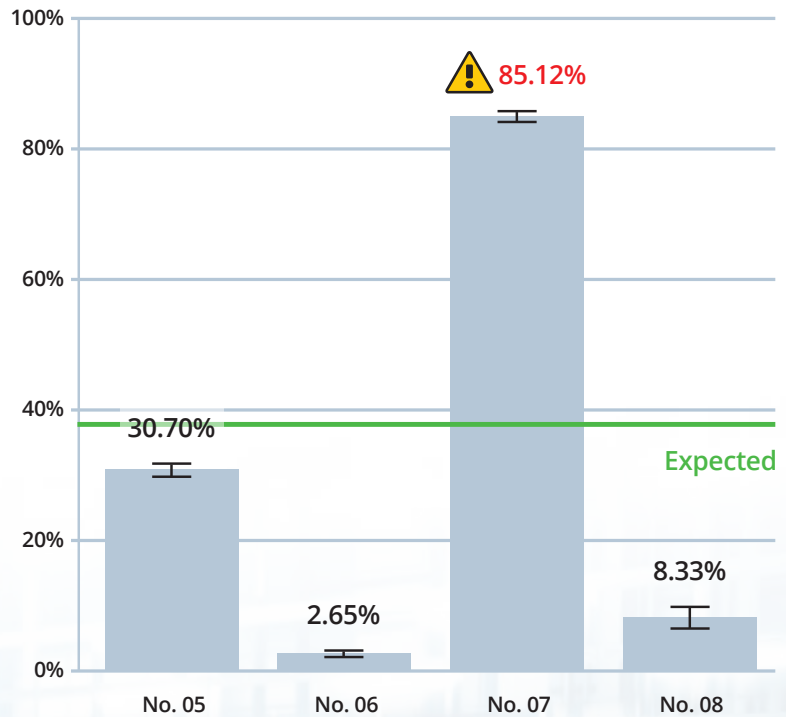Z.bench LT: 4.606 | Z.bench ST: 5.630

Histogram

Resolve manufacturing failures faster

Automatically find the root causes of issues by performing statistical analyses of associations and:

- Identify the factors that truly impact production quality
- Review results presented in plain language with clear graphical aids
- Ensure valid results through adequate sampling

Failure rate

⚠️ 85.12%

30.70%

Expected

2.65%

8.33%

No. 05   No. 06   No. 07   No. 08

PWDMDC-WN23LT-EN-IM-STD-0.0