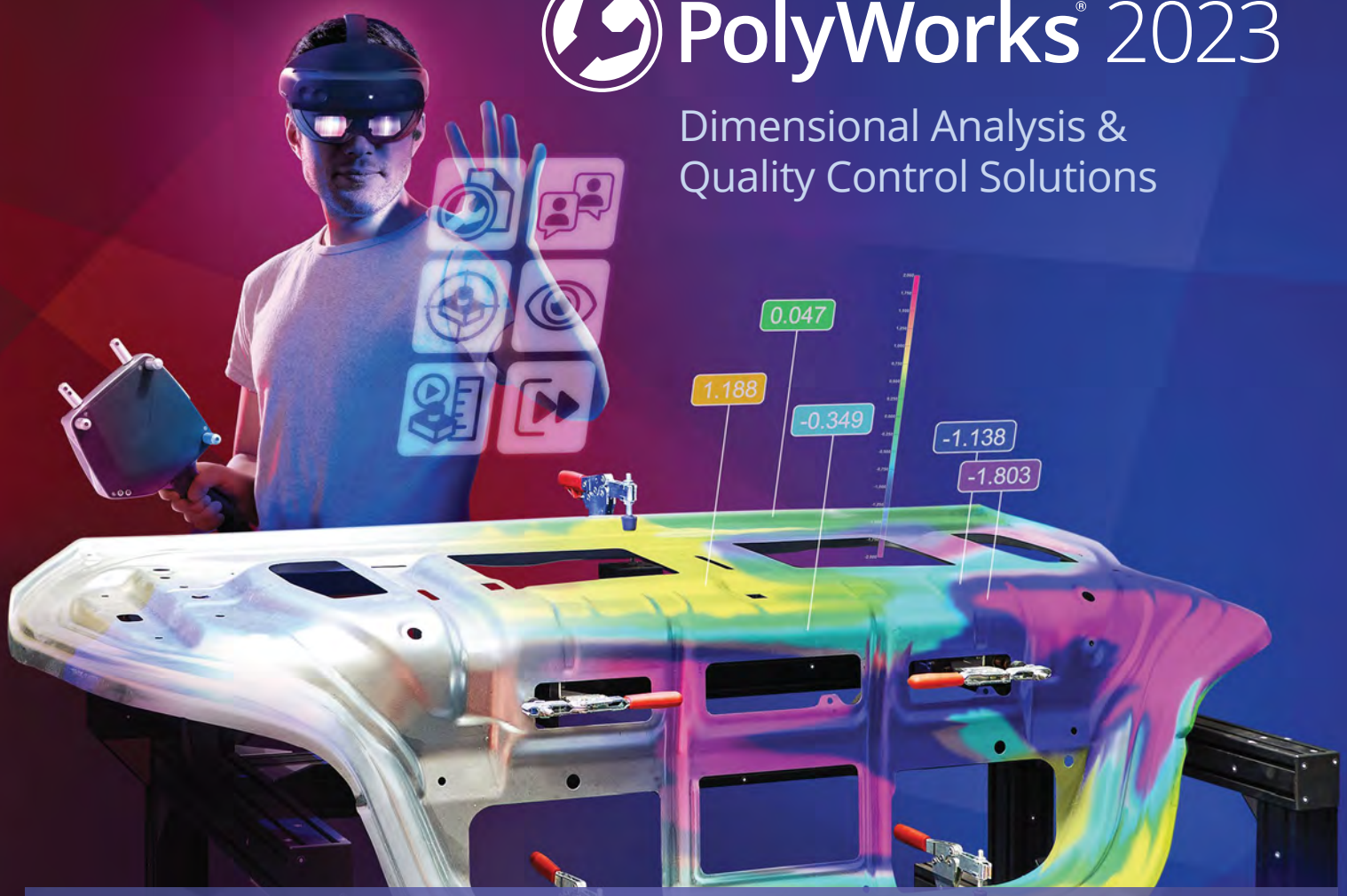
# What's new in PolyWorks® 2023

## Dimensional Analysis & Quality Control Solutions




# Boost your large-scale 3D measurement performance with mixed reality display technology

Mixed reality display technologies are transforming large-scale metrology tasks by providing localized visual guidance, measurement feedback, and access to inspection functionalities, without encumbering the hands of operators. The PolyWorks® 2023 mixed reality app offers new powerful tools to guide laser scanning, review inspection results, and collaborate with colleagues:

- **Position the hologram of the PolyWorks|Inspector™ 3D Scene window within your field of view to:**
  - See your scanning progression as a polygonal surface
  - Perform additional scanning in areas of poor data quality
  - Know exactly where to scan features and when enough data has been acquired for good feature extraction
- **Review feature deviations and color maps directly over the measured piece following each measurement task**
- **Collaborate with colleagues anywhere:**
  - Call them through Microsoft Teams
  - Review inspection results collaboratively by projecting holograms on the measured piece
  - Discuss manufacturing issues efficiently by showing them defective areas

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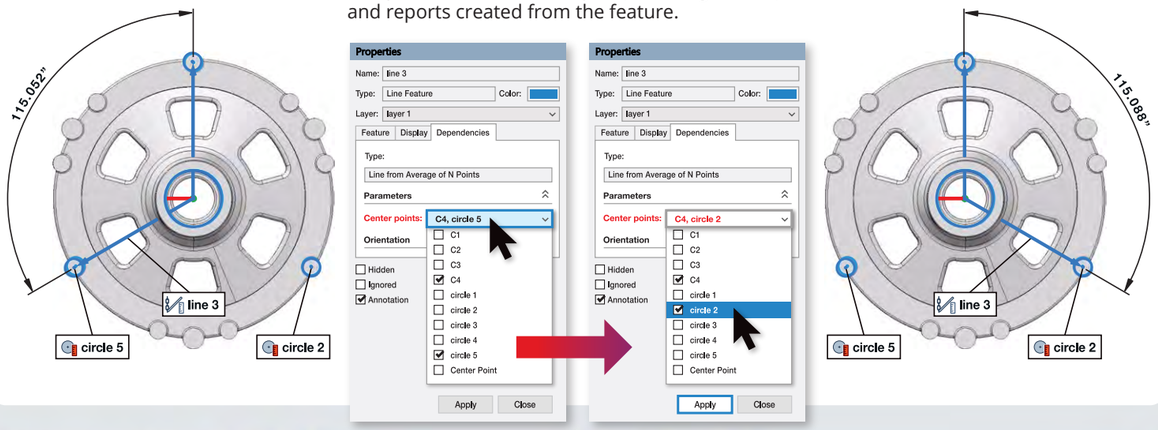
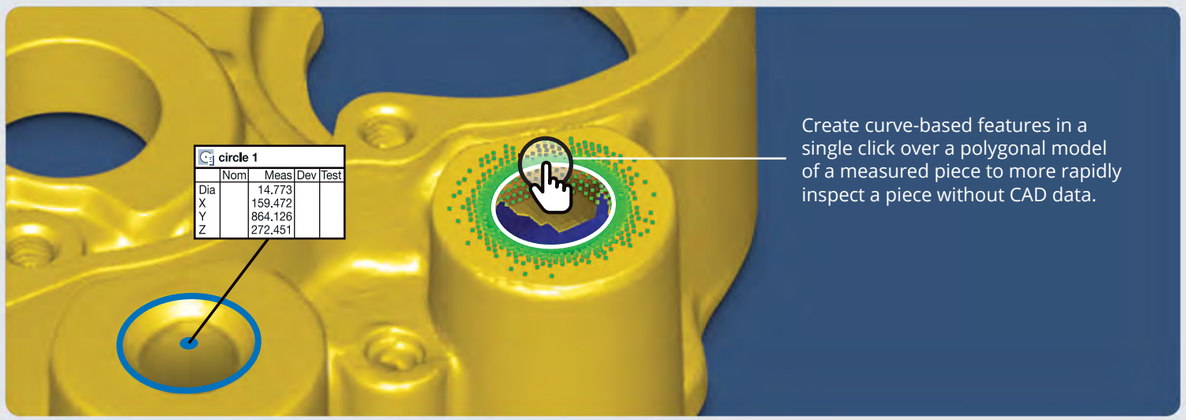
# Simplify the project preparation and 3D measurement processes

**Set up measurement templates and perform 3D measurement tasks more efficiently.**

Analyze and edit large measurement sequences more quickly by finding steps using keyword searches or navigating through step types, such as errors and warnings.

Replace the source objects of a dependent feature and preserve all related objects, data alignments, and reports created from the feature.

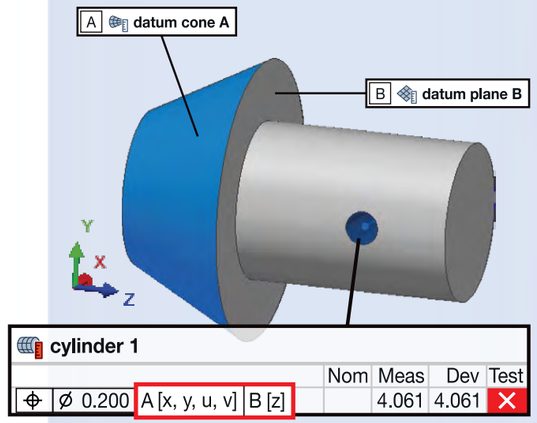


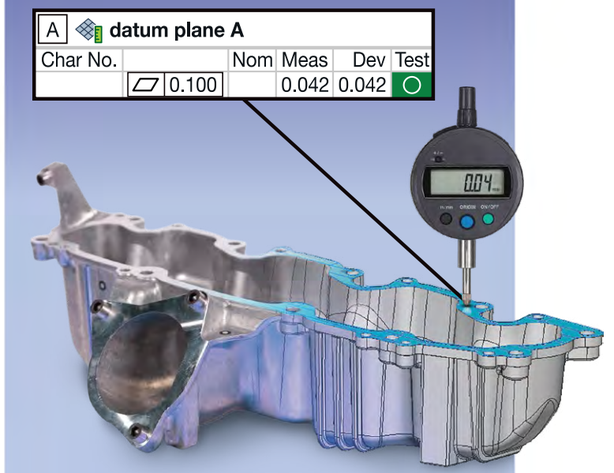

Create curve-based features in a single click over a polygonal model of a measured piece to more rapidly inspect a piece without CAD data.

# Add flexibility to your GD&T toolbox

Increase datum mobility by individually activating considered degrees of freedom (ASME) or situation features (ISO).

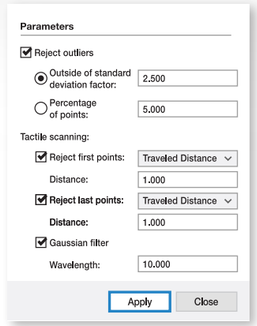



Measure imported or user-defined PMI with digital gauges.




# Get the most out of CNC CMM measurements obtained by tactile scanning

Reduce the noise resulting from the manufacturing or measurement process by filtering tactile-scanned feature curves.



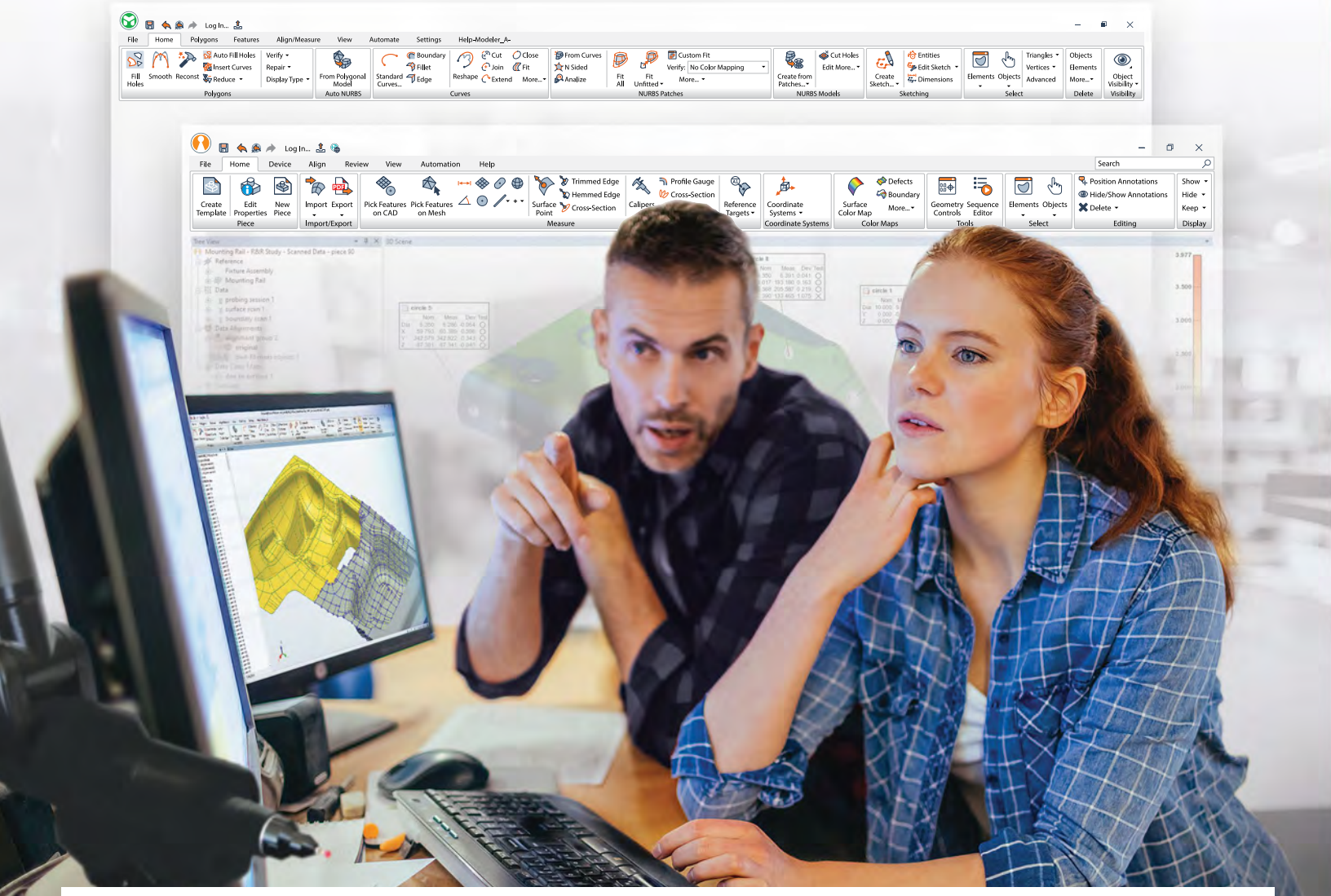

# Become a beta tester of our new intuitive ribbon menu!

## Help us enhance the efficiency of your workflows

**In addition to celebrating the 30th anniversary of InnovMetric, 2024 will also be the debut year of the new PolyWorks ribbon menu. We are transforming your user experience so you can:**

- Learn PolyWorks more quickly
- Remember your workflow and retrieve your favorite tools easily
- Discover our powerful functionalities intuitively

With your help, we can make PolyWorks better. Stay tuned for our beta testing program announcement!





PTB SmartGD&T™

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