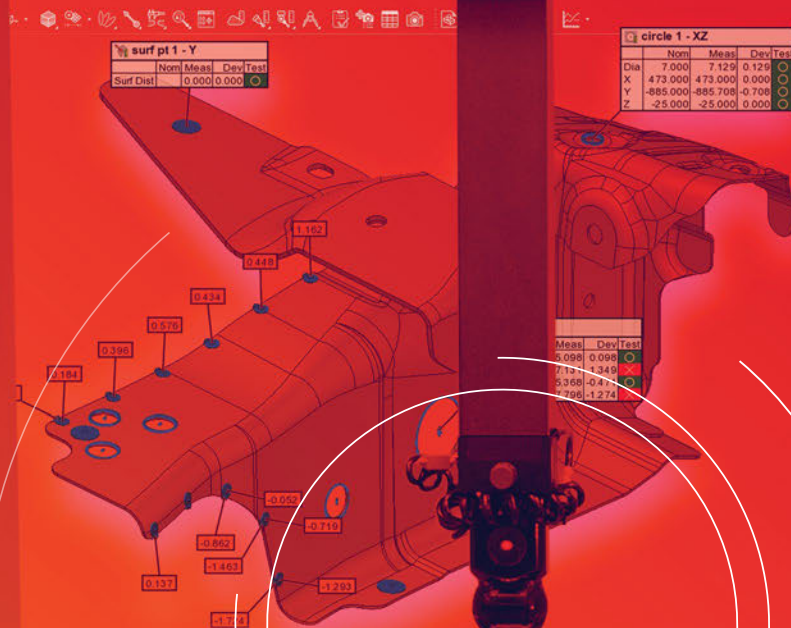


WHAT'S NEW IN PolyWorks® 2019 Metrology Suite



CREATE COMPLETE CNC CMM INSPECTION SEQUENCES
IN MINUTES WHILE STAYING IN CONTROL

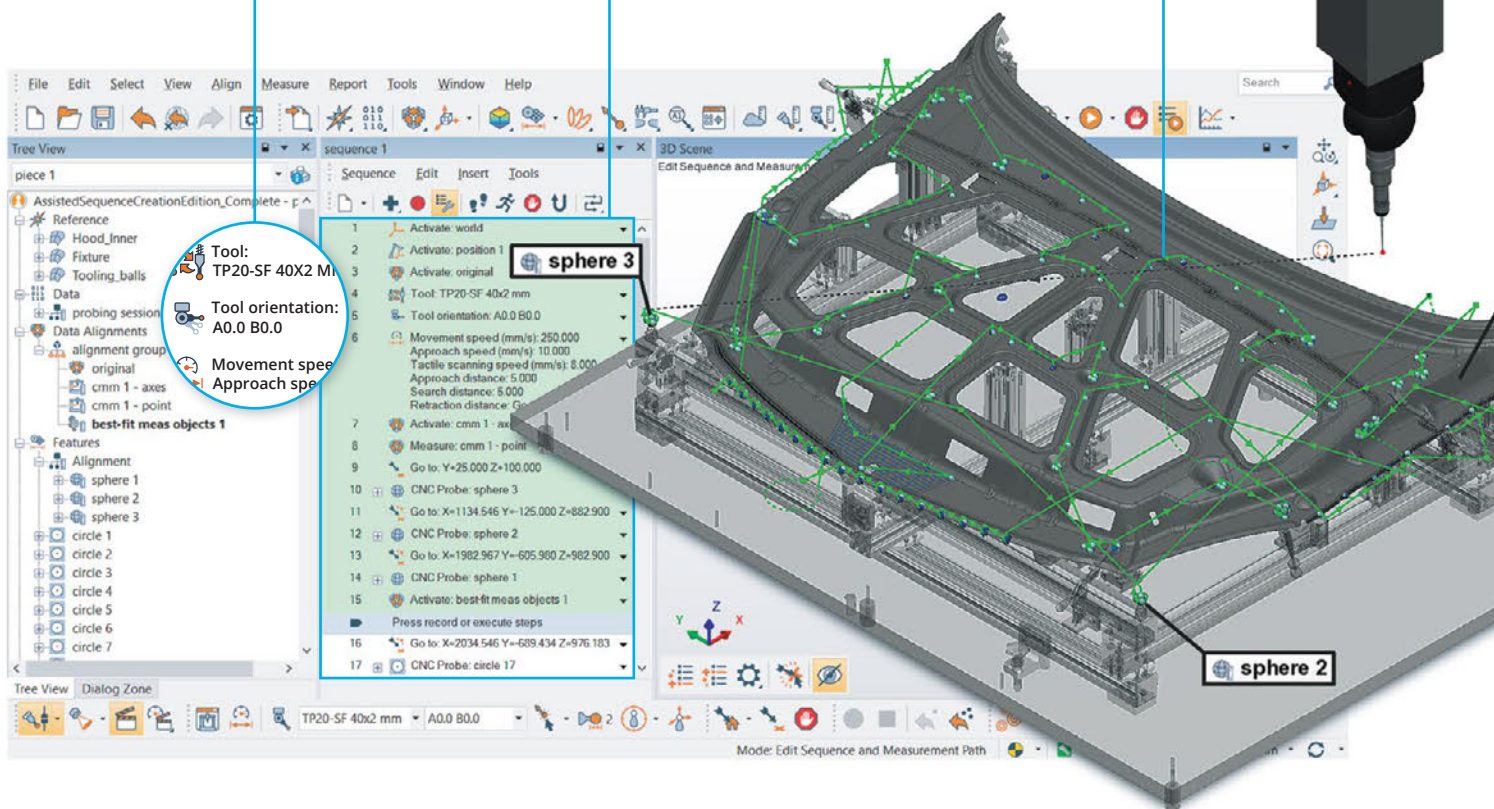
Accelerate the creation of complete measurement sequences with assisted sequencing technologies

Add measurements objects to the PolyWorks|Inspector™ sequence editor and automatically obtain:

The proper tool orientations for each measurement.

The optimal measurement order that minimizes measurement time.

Collision-free measurement paths with respect to the reference objects representing the part and its fixtures.



Effortlessly add objects to an existing sequence

Need to insert new measurement objects into an existing sequence, for example to integrate a CAD design change? Add them directly into the sequence editor, and let PolyWorks|Inspector™ automatically:



Determine their optimal location in the sequence

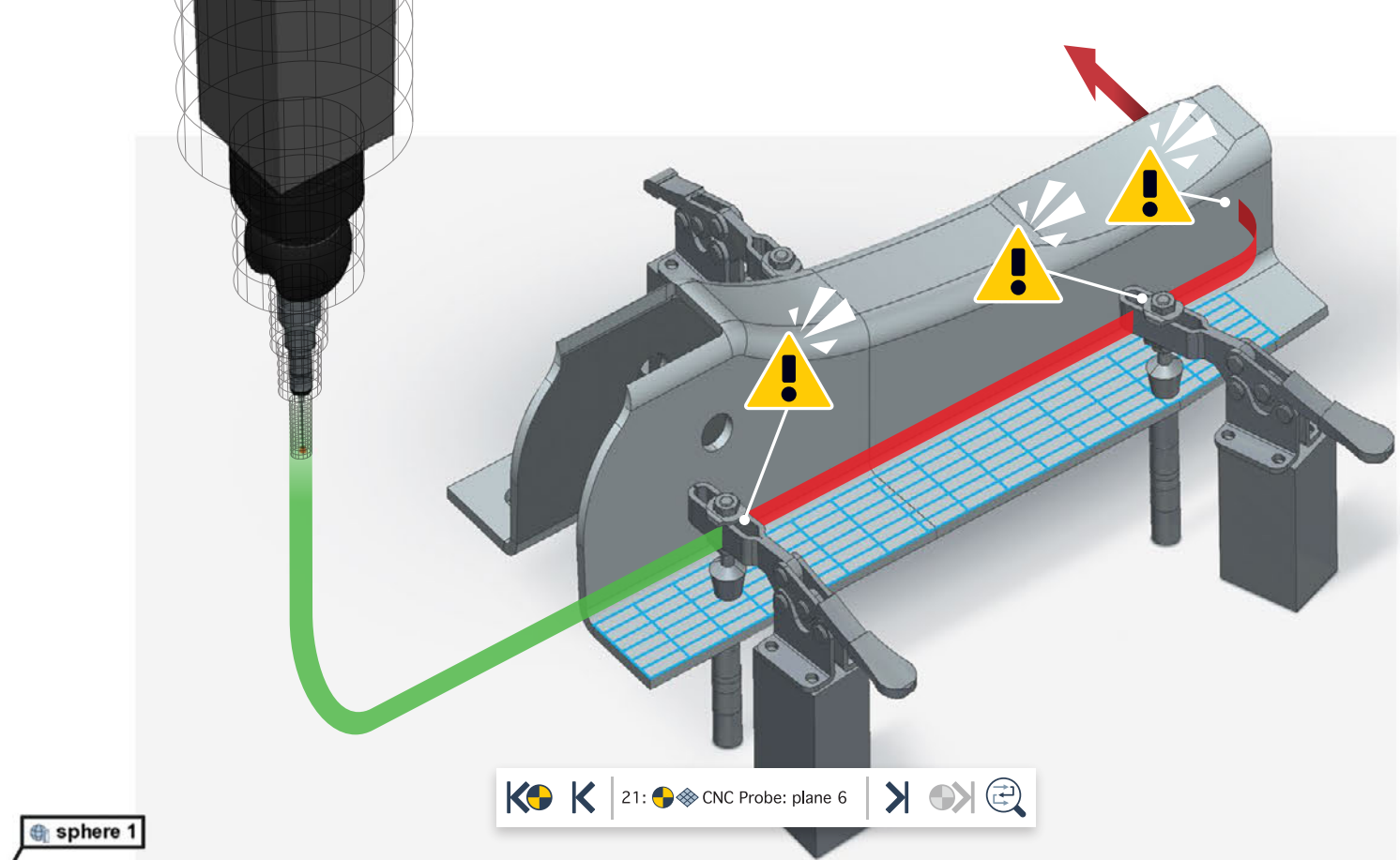


Calculate new tool orientations



Insert *Go to Positions* to keep the measurement paths collision free

This novel assisted sequencing technology eliminates time-consuming reviews of measurement sequences produced by fully automatic tools. Build your inspection projects at your own pace and create robust measurement sequences offline or online, while remaining in full control of the process.

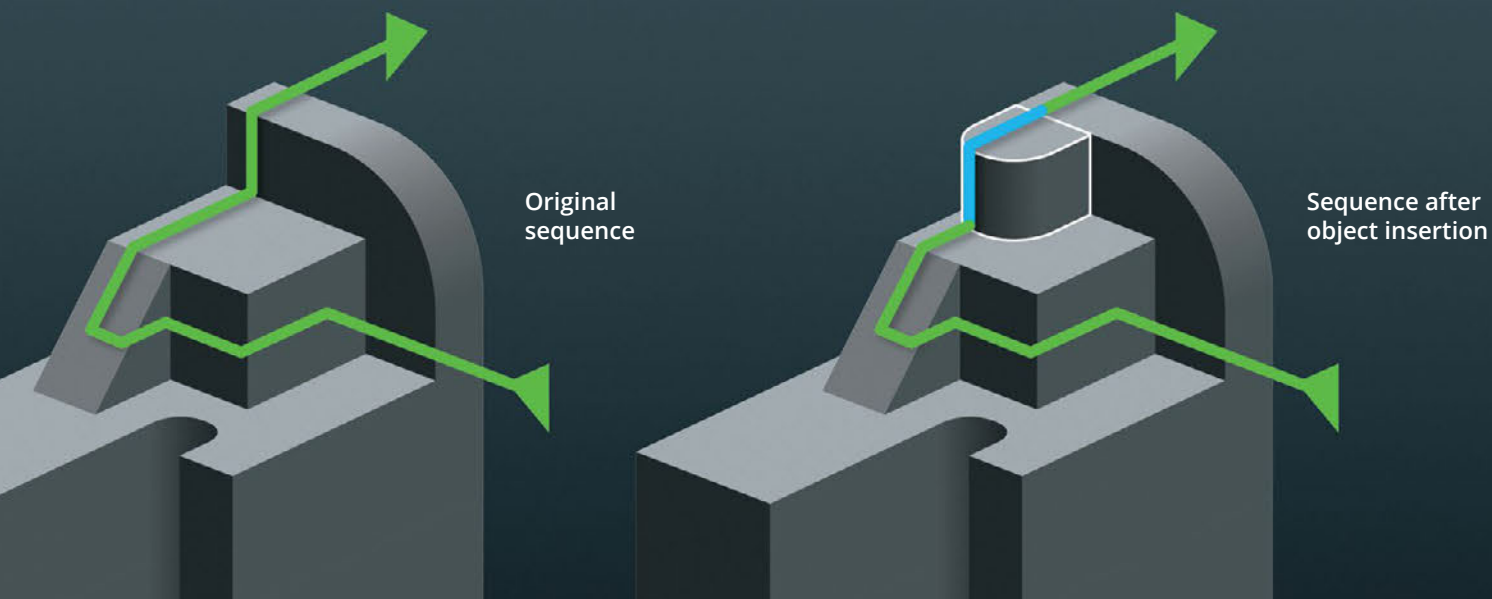


Troubleshoot measurement sequences using the powerful path analyzer

The path analyzer lets you quickly and efficiently navigate measurement paths, online or offline, using a virtual representation of the moving parts of the CMM.

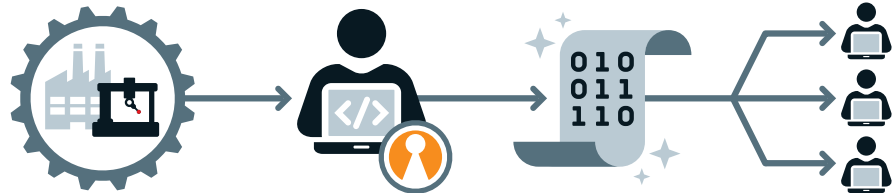
If the measurement path contains potential collisions, you can navigate to each collision location, see where the moving parts collide with the part or its fixtures, and use powerful sequence fixers to correct the situation.

With the path analyzer, you can be sure that the measurement path is optimal and collision free.



Integrate in-house CNC measurement techniques as native PolyWorks | Inspector™ measurement methods

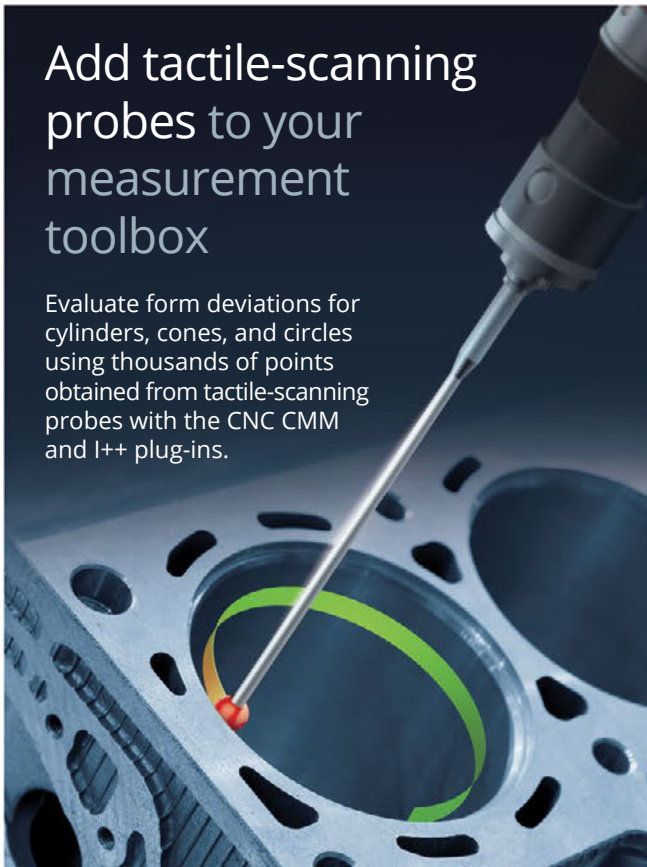
Adapt PolyWorks | Inspector™ to any measurement context by defining your own set of in-house, proprietary measurement techniques with powerful object measurement scripts. Then, benefit from the standard measurement workflow by embedding those scripts directly in your measurement objects.



Build your own library of in-house measurement methods and share it with your colleagues!

Add tactile-scanning probes to your measurement toolbox

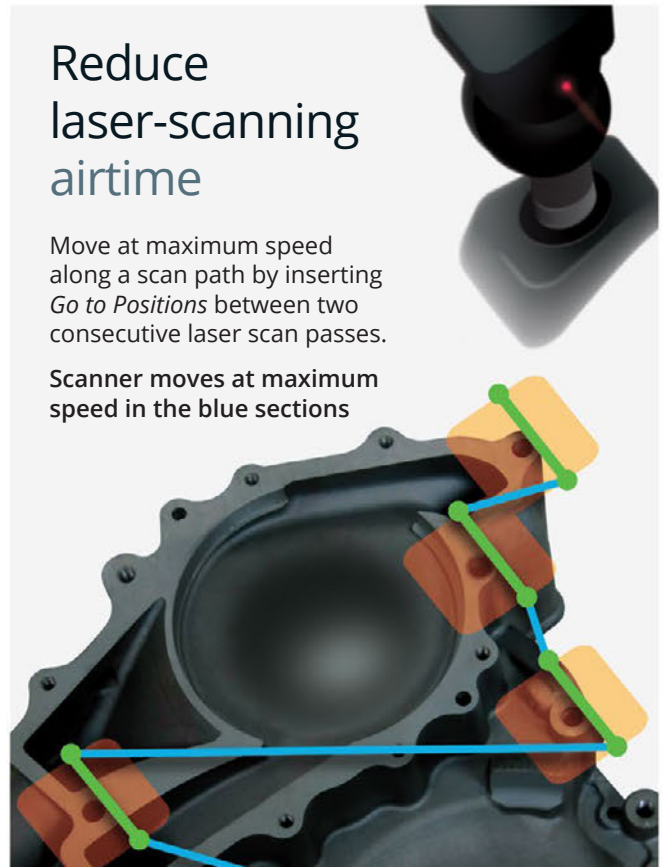
Evaluate form deviations for cylinders, cones, and circles using thousands of points obtained from tactile-scanning probes with the CNC CMM and I++ plug-ins.



Reduce laser-scanning airtime

Move at maximum speed along a scan path by inserting *Go to Positions* between two consecutive laser scan passes.

Scanner moves at maximum speed in the blue sections



© 2019 InnovMetric Software Inc. All rights reserved. PolyWorks® is a registered trademark of InnovMetric Software Inc. InnovMetric, PolyWorks | Inspector, PolyWorks | Modeler, PolyWorks | Talisman, PolyWorks | Reviewer, IMAlign, IMMerge, PolyWorks | DataLoop, PolyWorks | PMI+Loop, PolyWorks | AR, PolyWorks | ReportLoop, "The Universal 3D Metrology Software Platform", "The Smart 3D Metrology Digital Ecosystem", and "Interconnecting Hardware, Software and People" are trademarks of InnovMetric Software Inc. SmartGD&T is a trademark of Multi Metrics Inc. All other trademarks are the property of their respective owners.



Corporate Headquarters:

innovmetric
Your 3D Metrology Software Partner

InnovMetric Software Inc.

2014 Cyrille-Duquet, Suite 310, Québec QC G1N 4N6 Canada
Phone: 1-418-688-2061 | 1-888-688-2061
info@innovmetric.com | www.innovmetric.com