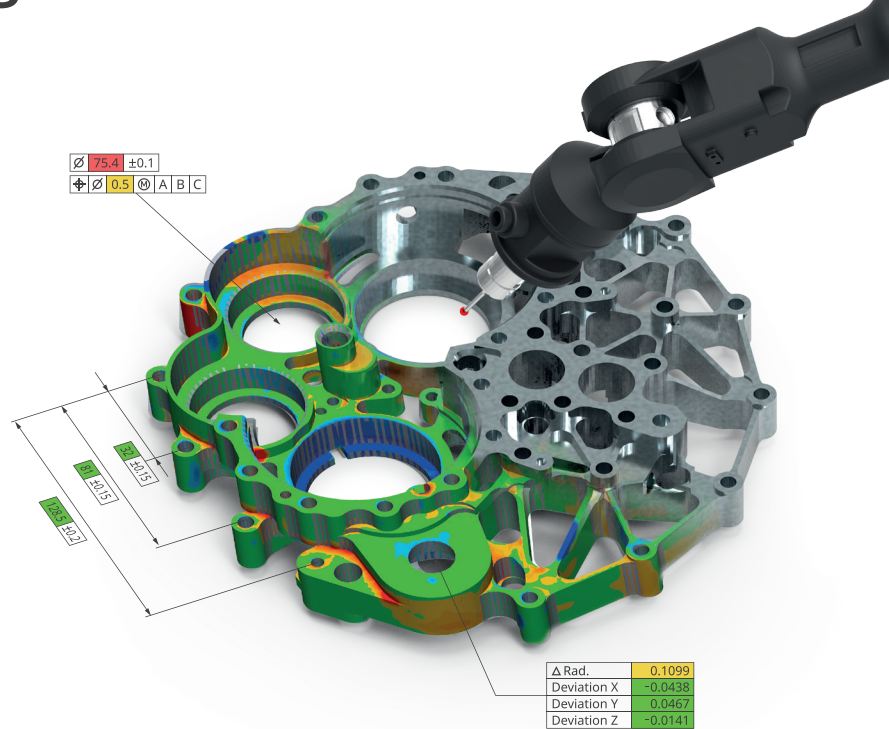


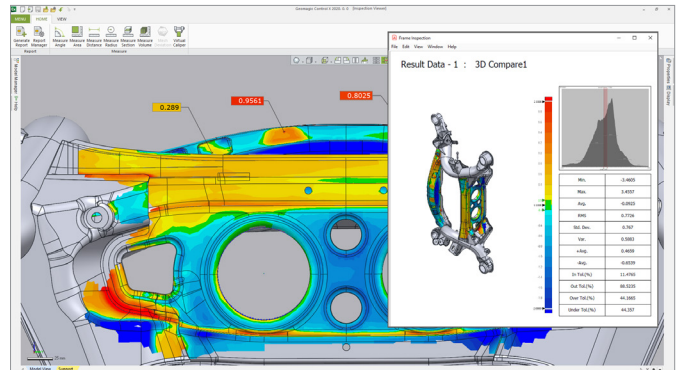
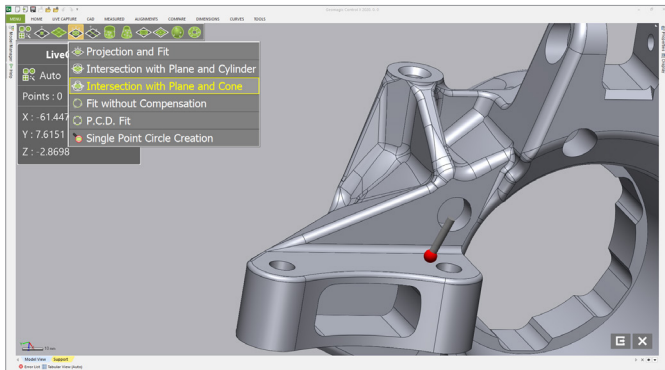
Introducing Geomagic® Control X™ 2020

Ensure Quality Everywhere

The latest release of Control X adds new functionality that further enables you to Ensure Quality Everywhere. Inspection workflows are streamlined for teams across the room, across the street or on the other side of the world. Control X 2020 adds powerful inspection tools including Inspection Viewer, new Probing Workflows, and many enhancements to current features that provide increased productivity and traceability in your metrology workflows.



New Features & Enhancements:



Improved Probing Workflow

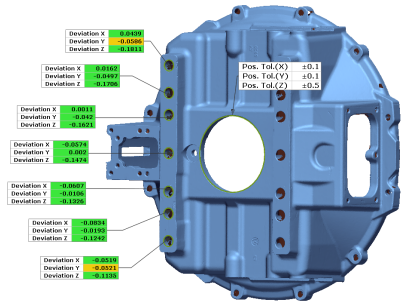
Large assemblies, heavy equipment and other industrial applications are easily inspected with Control X 2020's powerful yet agile probing capabilities.

- 20 new geometry probing methods with the flexibility to adapt to challenging feature construction inspection requirements.
- Ensure fast and accurate inspection of large parts using portable CMMs. With the newly enhanced Move Device functionality, users now have the flexibility and traceability when it comes to repositioning scanning equipment.
- Easily evaluate each probe point's influence on inspection results with the updated probe point management system.

Inspection Viewer

The new, included Inspection Viewer allows any contributor to analyze a project and create custom reports. The ability for any contributor to analyze and share reports across an organization ensures effective communication.

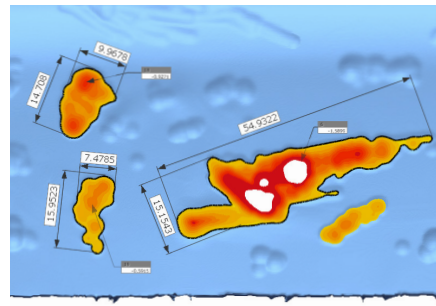
- Stakeholders throughout the inspection cycle now have access to inspection data giving them the ability to create their own custom reports.
- Open Projects and view data with full 3D control and viewing customization.
- Modify or Create inspection reports with ease to review only the data needed



Directional Tolerances

Accurately identify and understand the root cause of manufacturing errors easily with per-axis inspection.

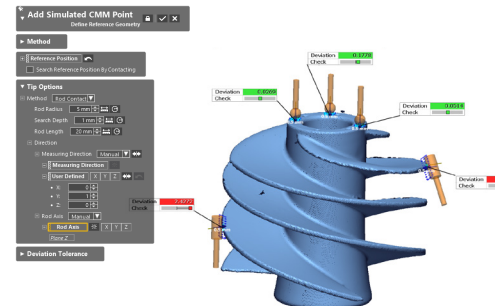
- The XYZ components of geometries and dimensions can be individually evaluated, providing clarity on sources of error.
- Users can now identify root cause errors by isolating each individual axis.



Deviation Location

Surface defects and variations are quickly and easily scanned, analyzed, and reported using the enhanced Deviation Location tool inside of Control X.

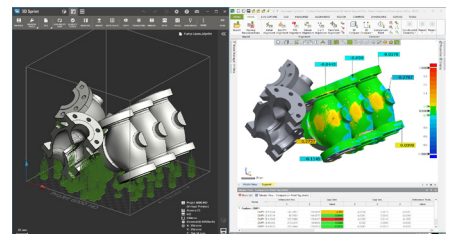
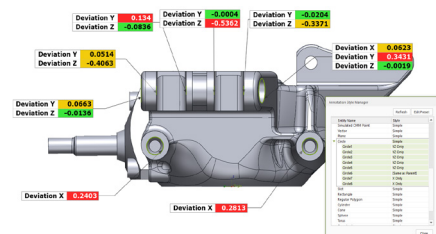
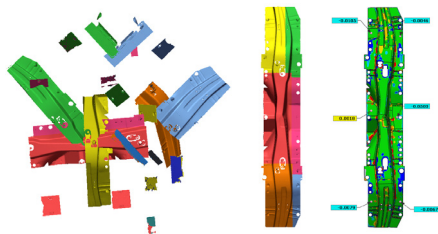
- Measure major and minor dimensions of surface deviations, providing more accurate size and location analysis.



Simulated CMM Points

Simulate real-world contact measurements on complex geometry.

- Automate virtual simulations of anything from fixtures to contact measuring devices using simulated CMM points using your point cloud data.



Automation Server

- Automate the importing and processing of scan data into Control X by creating custom routines for scan processing, minimizing user interaction.
- Inspection integrators will have more flexibility using the new Automation Server trigger options that provides a variety of ways to send a collection of unmerged scan sets to the inspection project automatically.

Annotation

Customizable annotation groups help ensure clear appropriate data, tailored for each user and application.

- Reduce the clutter and include only relevant dimensions, GD&T call-outs and general annotations for each feature.

3D Sprint File Import

Import 3D Sprint build files directly into Geomagic Control X.

- 3D Sprint users can more easily perform metrology workflows on their printed parts by analyzing results relative to their build platforms.



Find out more at: www.3dsystems.com/software/geomagic-control-x

3D Systems provides comprehensive 3D products and services, including 3D printers, print materials, on-demand parts services and digital design tools. Its ecosystem supports advanced applications from the product design shop to the factory floor to the operating room. As the originator of 3D printing and a shaper of future 3D solutions, 3D Systems has spent its 30 year history enabling professionals and companies to optimize their designs, transform their workflows, bring innovative products to market and drive new business models. Specifications subject to change without notice. 3D Systems, the 3D Systems, Geomagic Control X and the Geomagic Control X Logo are trademarks of 3D Systems, Inc. All other trademarks are the property of their respective owners.