

# **P** AUTODESK® POWERINSPECT® 2018

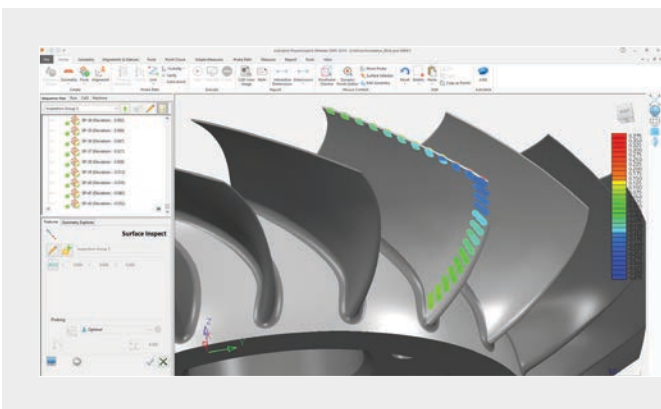
Inspection for every environment

Visit [www.powerinspect.com](http://www.powerinspect.com) to find out more.

## What's new

### Autodesk® PowerInspect simplifies the inspection of complex free-form shapes with a wide range of measuring equipment.

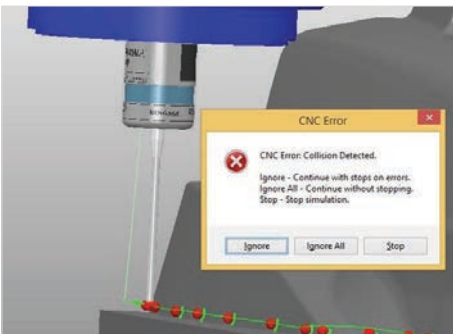
Whether working with portable CMMs, Manual CMMs, CNC CMMs or measuring on the machine tool, PowerInspect's powerful features offer significant process efficiencies. As an industry standard tool, engineers can identify the source of problems and quickly make decisions about any necessary changes, saving time and resource.



#### New ribbon interface:

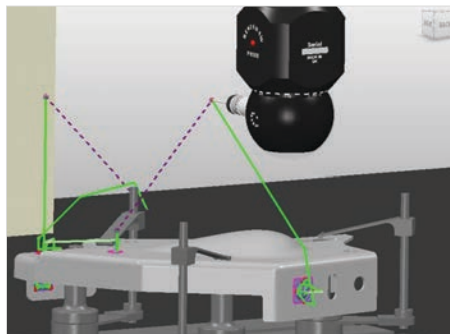
Most noticeably for PowerInspect 2018, there is a new ribbon interface built to maximize productivity and to help streamline your manufacturing workflow.

In the new user interface, the menus and toolbars are replaced by a new tab-and-ribbon interface. All commands on the ribbon have been put under specified tabs and groups. Owing to its simple, yet unique single-strip design, the ribbon ensures that the bulk of the PowerInspect commands are at your fingertips always.



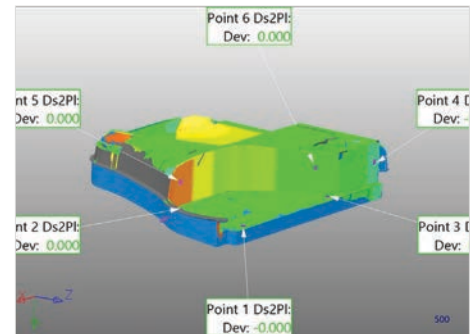
#### Automatic machine collision checking

Minimize the chances of collisions during automated inspection. Improved collision checking now detects collisions for the full machine model. Simulate measurement sequences offline and be confident they will run safely, even when measuring deep pockets or complex assemblies.



#### Improved automatic collision avoidance for CNC CMM's

Automated collision avoidance, where the software automatically creates safe links to prevent collisions between features has been enhanced. Improved collision avoidance now handles changes of probe orientation. CMM programming is faster, easier and safer.



#### Using scanned single points for alignments

Combine best practice with maximum efficiency by extracting alignment target points from scan data. PowerInspect 2018 allows you to reuse single points extracted from scan data in RPS alignments.

