

# FORMATWORKS

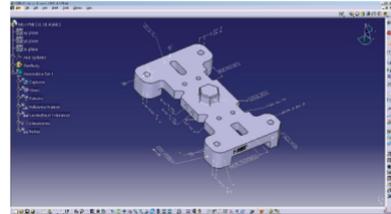
Extending SolidWorks MBD capability to work with models created in other CAD systems

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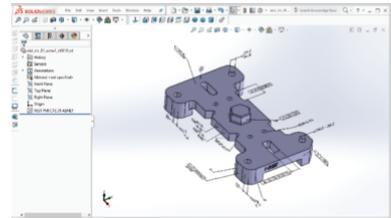


## Working with non-native MBD CAD data

FormatWorks extends SolidWorks capabilities by enabling the import of fully annotated parts and assemblies from **CATIA**, **PTC-Creo**, **NX**, and other formats such as **STEP AP 242** or **QIF**. Since MBD parts contain all the necessary manufacturing and metrology information, there is no need to create traditional 2D drawings. FormatWorks empowers designers to easily communicate vital information to procurement, manufacturing, fabrication, assembly, quality control and to the supply chain. Furthermore, designers now have access to non-native CAD part dimensions, geometric tolerances, surface finishes, welding symbols, callouts, tables, notes, meta properties and other annotations.



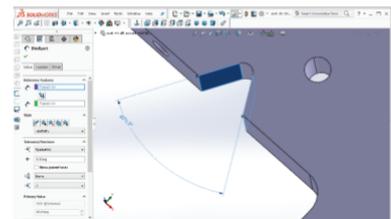
*CATIA fully annotated MBD CAD Model*



*FormatWorks MBD import into SolidWorks*

## Edit imported CAD models with DimXpert

FormatWorks ensures that all imported files maintain their semantically-linked annotations (i.e. geometric features are linked to relevant GD&T and/or PMI) and the information is directly editable with SolidWorks DimXpert. This reduces any further design work, minimizing input errors and completely eliminating the need for a 2D drawing.

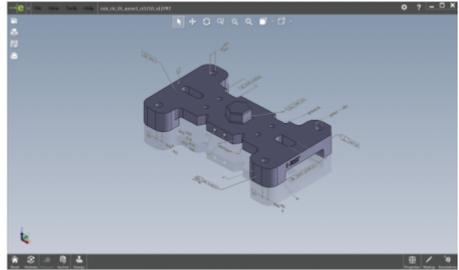


*The imported model is fully editable in SolidWorks DimXpert so you can add or correct the GD&T*

*"You can now import a fully annotated native CATIA model into SolidWorks without losing any information..." Tomasz Luniewski, CEO CAPVIDIA*

## MBD - Publishing and Communicating

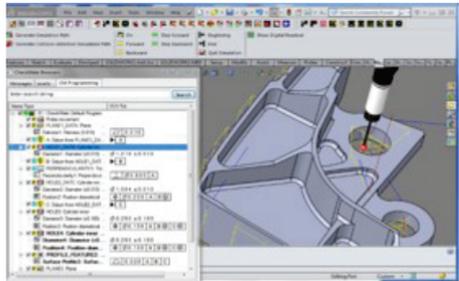
SolidWorks MBD designers can use FormatWorks imported data to create customized output templates for manufacturing, quality, and procurement. All this MBD data can be published as eDrawings or 3D PDF files enabling sharing, archiving and data reuse. And by eliminating further design work or the need to create 2D drawings, FormatWorks saves SolidWorks designers valuable time and effort.



*MBD data published as eDrawing*

## Automate Inspection with MBD

The use of the MBD fully annotated models enables the transfer of metrology data in a machine-to-machine manner thereby eliminating human error, lowering costs and increasing quality and efficiency. The use of MBD data has been shown to reduce the time to generate a CMM or Laser Scanner inspection program by up to 80%!



*MBD eliminates human error and increases efficiency*

## Contact Us

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