



Geometric

Press Release

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For Immediate Release

Geometric introduces SOLIDWORKS® MBD 2016 support at SOLIDWORKS World

CAMWorks® 3D CAM Software to use SOLIDWORKS Model Based Definition (MBD) and GD&T Data to automate tool, operation, and strategy selection for tool path creation

Scottsdale, AZ, USA, & Mumbai, India – January 28, 2016: [Geometric Limited](#) (BSE: 532312, NSE: GEOMETRIC), a global leader in 3D CNC machining software, today announced the addition of automated manufacturing support for SOLIDWORKS® MBD 2016 technical communication software, which provides product manufacturing information (PMI) and geometric dimensioning and tolerancing (GD&T) instructions in 3D, to its CAMWorks® 2016 CNC machining application. These new capabilities for the joint SOLIDWORKS/CAMWorks CAD/CAM platform further streamline design and production processes, enabling a seamless transition from design to manufacturing for the first time in SOLIDWORKS design environments, as well as supporting drawingless design and manufacturing by eliminating the need to generate, store, and maintain 2D engineering drawings.

Available through an upcoming, second-quarter 2016 point release of CAMWorks 2016 software, which is fully associative to SOLIDWORKS 3D design geometry as a certified SOLIDWORKS Gold Partner, these new CAMWorks MBD-related capabilities will enable manufacturers to obtain the information required to machine a part—including tolerances, thread data, surface finishes, and other and GD&T information previously only available on a drawing—from the SOLIDWORKS design file and then generate the tool paths to produce it, eliminating the need to refer to traditional drawings.

Using the dimensions, tolerances, thread data, model, and surface finish data from the SOLIDWORKS MBD-enabled file, CAMWorks 2016 will extract machinable features and MBD information, map that data to manufacturing features and use the operation and strategy that is associated with the feature, tolerance, thread data and surface range, to automatically generate the operations and toolpaths to machine the part. If the model or tolerances change, the strategies and toolpaths will update automatically to meet the new requirements.

“Automating the transition from design to manufacturing, allowing the information in the design model to automatically drive selections of tools and generation of tool paths, and helping manufacturers minimize their reliance on paper drawings have long been the future goals of CAD/CAM technology,” says Jim Foster, Vice President of Global Channel Sales & Marketing at Geometric. “With the addition of MBD production capabilities to CAMWorks 2016—and its integration with SOLIDWORKS MBD 2016 software—the future is now.”

About CAMWorks:

CAMWorks, a parametric, solids-based CNC programming software system, brings in a revolutionary way to help machinists around the world program smarter and machine faster. CAMWorks significantly reduces programming time and removes the drudgery from CNC programming by using patented Feature Recognition technology in conjunction with full toolpath to solid-model associativity and knowledge-based machining. For more information, go to www.camworks.com.

About Geometric:

Geometric is a specialist in the domain of engineering solutions, services and technologies. Its portfolio of Global Engineering services, Product Lifecycle Management (PLM) solutions, Embedded System solutions, and Digital Technology solutions enables companies to formulate, implement, and execute global engineering and manufacturing strategies aimed at achieving greater efficiencies in the product realization lifecycle.

Listed on the Bombay and National stock exchanges in India, the company recorded consolidated revenues of Rupees 11.05 billion (US Dollars 180.61 million) for the year ended March 2015. It employs over 4800 people across 13 global delivery locations in the US, France, Germany, Romania, India, and China. Geometric has been assessed at Maturity Level 3 for CMMI 1.3 - Development and CMMI 1.3 - Services for its Software and Engineering Services business units and is ISO 9001:2008 certified for engineering operations. The company's operations are also ISO 27001:2005 certified.

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