



# Media Release

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For Immediate Release

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## Geometric adds tolerance and material based checks to DFMPPro

### *Releases DFMPPro version 3.1 for Creo®*

**Mumbai, India, September 20, 2011:** [Geometric Limited](#) (BSE: 532312, NSE: GEOMETRIC), a leader in Product Lifecycle Management (PLM), Global Engineering Services, and Offshore Product Development (OPD) solutions and technologies, today announced the release of version 3.1 of its automated design for manufacturability tool, [DFMPPro](#) for Creo®. The new version provides additional checks addressing manufacturing requirements for assembly and injection molding.

“Designers working on part models need to ensure tolerance values are in accordance with the appropriate standard for meeting the manufacturing process requirements. Checking linear and angular part tolerance for each component is a tedious process”, said Sameer Kondejkar, Head, Geometry Technology Solutions group at Geometric. “The new tolerance check capability of DFMPPro highlights the tolerance zone that violates the specifications. This helps to cut down number of unwanted finishing process during manufacturing, leading to reduction in the cost and time taken to produce the part”, he added.

In version 3.1, two new checks for injection molding have been included:

1. Sudden wall thickness variation check: Avoid sudden wall thickness variation in model design which results in improper material flow, non-uniform material distribution and uneven cooling during manufacturing process, leading to downstream quality problems like sink marks and voids.
2. Material specific thickness check: Ensure usage of right material for nominal wall thickness ranges while designing injection molding models. This feature also allows the user to easily add new material or edit range values.

DFMPPro for Creo has more than 100 design checks built-in for injection molding, sheet metal, machining (milling, turning and drilling) and assembly processes. The standard checks in DFMPPro are derived from various handbooks, design guidelines and global best practices.

*To see a demonstration of these new additions, as well as the various features of DFMPPro, visit:*

[http://dfmpro.geometricglobal.com/DFMPPro\\_demo/index.html](http://dfmpro.geometricglobal.com/DFMPPro_demo/index.html)

### **About DFMPPro**

DFMPPro automates manufacturability checks which help design and manufacturing engineers validate the design quickly. It assists identification of design areas which are difficult, expensive or impossible to manufacture, assemble and service. It works on principle of ‘Right First Time’ by validating



manufacturability guidelines right at the design stage. These guidelines can be easily configured as per organizational requirements in form of rules. It facilitates a collaborative design environment by generating reports which are compact and easy to share. The product recently received the 2011 Frost & Sullivan Global Enabling Technology Award for Computer-aided Design.

For further details, please visit: [www.dfmpromo.com](http://www.dfmpromo.com)

#### **About Geometric:**

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

Headquartered in Mumbai, India, Geometric was incorporated in 1994 and is listed on the Bombay and National Stock Exchanges. The company recorded consolidated revenues of Rupees 6.21 billion (US Dollars 136.47 million) for the year ended March 2011. It employs over 3900 people across 10 global delivery locations in the US, Romania, India, and China. Geometric was assessed as CMMI 1.1 Level 5 for its software services and is ISO 9001:2008 certified for engineering operations. The company's operations are also ISO 27001:2005 certified.

Geometric's Geometry Technology Solutions (GTS) business unit develops cutting-edge point productivity solutions that enhance design and improve manufacturing operations. The end-user products from Geometric include CAMWorks®, eDrawings® Publisher, DFMPRO, GeomCaliper® and 3DPaintBrush™. The key technologies from Geometric are NestLib®, Feature Recognition (FR), GeomDiff and 3DSearchIT®. Geometric licenses these technologies to OEM partners and also designs and implements customized process solutions using these technologies for industrial customers.

For further details about Geometric's GTS business unit, please visit [www.geometricglobal.com/products](http://www.geometricglobal.com/products) or call +1.480.222.2255

*The copyright/ trademarks of all products referenced herein are held by their respective companies.*

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