



## Media Release

**Geometric Technologies**

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For immediate release

## Geometric to showcase 'From Orders to Parts' with CAMWorks® 2011 at imX 2011

Scottsdale, Arizona, August 2, 2011: Geometric ([www.geometricglobal.com](http://www.geometricglobal.com)), a leader in developing advanced manufacturing software, announced that it will showcase its fully automatic CNC programming system CAMWorks® 2011 ([www.camworks.com](http://www.camworks.com)), at Booth # 1908, at [interactive manufacturing eXperience \(imX\) Show](#), from September 12 -14, 2011 at the Las Vegas Convention Center, Las Vegas, NV.

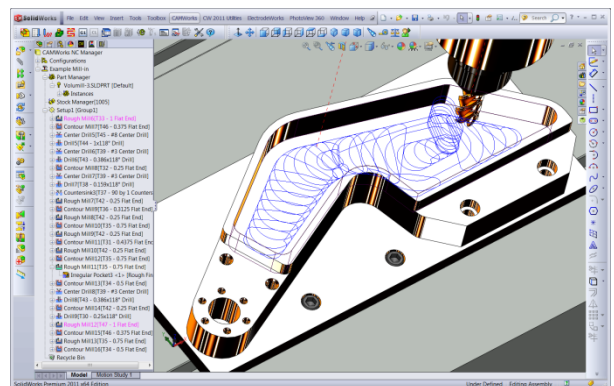
Announcing the new version, Sunil Palrecha, Director- Product Marketing & Sales, Geometric said, "In the current global scenario, manufacturing companies are searching for ways to automate their processes, compress delivery times, and reduce inefficiencies. In order to achieve these goals, they are looking for novel solutions for trapping manufacturing errors early in the design stage, and for effective collaboration between design and manufacturing. This can be easily facilitated by using an integrated SolidWorks solution like CAMWorks".

CAMWorks 2011 will be demonstrated at the booth throughout the three day conference. Attendees will also have the opportunity to attend an interesting session, 'From Orders to Parts – Integrated Design and Manufacturing' at the Knowledge Bar on Monday, September 12, at 2.00 p.m. by Marc Bissell, Senior Applications Engineer, Geometric.

CAMWorks 2011 automates the CNC programming process, reduces programming time by as much as 90 percent, and allows engineering and manufacturing to use a single common database for both product design and final machining.

### Fast and intelligent roughing

CAMWorks 2011 introduces VoluMill®, the ultra-high-performance toolpath generator for 2.5 axis and 3 axis high speed rough milling. VoluMill can reduce cycle times by more than 80 percent, thereby increasing production by up to 500 percent. In addition, VoluMill establishes and maintains ideal cutting conditions. As a result, cutting tool life is dramatically extended and tooling costs can be reduced by as much as 90 percent. VoluMill also helps avoid costly collisions and greatly extends the life of machine tools.



### Automate manufacturing processes

At the heart of CAMWorks 2011 is the world's leading Automatic Feature Recognition (AFR) software, making it the ideal CAM system for programming components. Using AFR, CAMWorks identifies the areas to be machined, and then uses its proprietary Technology Database (TechDB™) to generate toolpaths automatically. The result is fully automatic programming of families of parts, automatic programming of

similar features on new parts, and the ability to incorporate manufacturing information directly into the solid model.

CAMWorks 2011 has been upgraded to find more features, while reducing computation times by more than 50 percent. As part models become increasingly complex, recognizing more features in less time represents huge time savings. The Technology Database (TechDB™) that is used to store and apply knowledge based machining information, has been enhanced to simplify the process of establishing best machining practices.

These features make CAMWorks' knowledge-based machining capabilities easier to use, and improves the consistency and quality of the programmed parts. In addition, CAMWorks associativity accelerates new product development by automatically updating manufacturing models with design changes.

For the mold and die industry, Geometric has introduced ElectrodeWorks™, an optional electrode design solution that automates the entire process of calculation and design of EDM electrodes including design, management, documentation, and manufacturing. It is seamlessly integrated with SolidWorks/CAMWorks Solids assuring complete parametric association of data.

#### **About CAMWorks:**

CAMWorks® was the first SolidWorks Certified Gold Partner to provide a fully integrated CAM solution. CAMWorks can run within SolidWorks or as part of a cost effective stand-alone CAD/CAM package that includes CAMWorks Solids, an integrated solid modeler. CAMWorks helps manufacturers across aerospace, automotive, electronics and medical industries optimize and evolve their CAM automation process.

#### **About Interactive Manufacturing Experience (IME):**

imX— the interactive manufacturing eXperience —is an industry event created by manufacturing professionals, for manufacturing professionals. It is an experience that combines all the best features of the corporate open house, customer training sessions, client appreciation events, and new product announcements. It is the opportunity to accomplish all of these activities at once.

To know more about the event, visit <http://www.imxevent.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, DFMPPro, 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

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