



## **New VX CAD/CAM Offset3D Feature Aware Machining Benefits Mold-makers**

***-- Feature Aware Machining Preserves Fine, Sharp-edge Detail and Highlights While  
Producing Smooth Finished Molds --***

Melbourne, Florida – July 31, 2007 – VX Corporation, specializing in CAD/CAM for consumer products and molds, announces Offset3D Feature Aware Machining that helps mold-makers produce high quality, smooth surfaced molds with crisp, fine highlights.

### **Offset 3D Feature Aware Machining**

Mold-makers are faced daily with the daunting task of machining complex core/cavity shapes derived from a variety of sources that include non-native CAD models, STL representations and even point cloud data. A particular challenge faced by mold-makers is ensuring that product features with crisp highlights are maintained and preserved in the finished mold.

To solve this challenge, VX has developed a new QuickMill machining tactic called Offset3D Feature Aware Machining. Offset3D Feature Aware Machining is fully integrated with CAD, extremely easy to learn and use, and provides a very robust solution. This robust solution, in addition to producing accurate tool paths, is extremely fast to help mold-makers keep up with part and mold designs that change often and quickly.

Offset3D Feature Aware Machining lets mold-makers target highlight areas, and then the software automatically adjusts tool path motion to preserve fine, sharp-edge detail and maximize tool cutting efficiency with smooth, high-speed enabled motion.

"Mold-makers will definitely save machining and polishing time by employing this revolutionary new tactic", says Bob Fischer, VX Vice President Sales and Marketing, "In some cases, they may even eliminate mold polishing altogether."

Offset3D Feature Aware Machining will be available with the upcoming release of VX CAD/CAM Version 13 in September 2007.



## About VX Corporation

VX Corporation is a pioneering developer of CAD/CAM solutions for industrial designers, engineers and CNC programmers. VX enables speedy design with fully integrated, accurate manufacturing. Using a blazing fast hybrid modeling engine, engineers can take advantage of the speed of solids with the flexibility of Class A surfaces. Designers can create, modify, visualize, document and machine a vast array of parts and assemblies. From the entry-level Modeler, to the complete End-to-End, VX delivers power, performance and productivity.

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Image and captions on the following page.

For further information, contact:

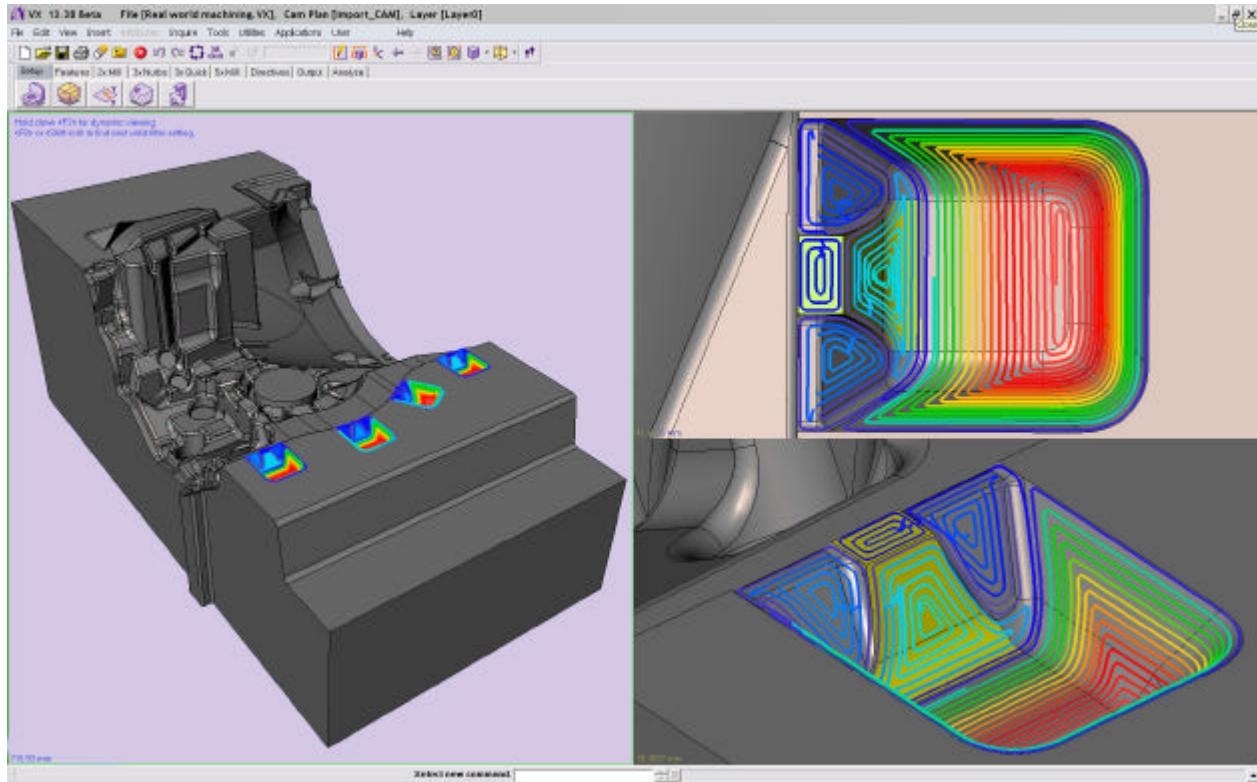
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## VX CAD/CAM PR 11-07 VX Offset3D Feature Aware Machining



### **New VX CAD/CAM Offset3D Feature Aware Machining Automatically Adjusts Tool Paths to Preserve Crisp Highlights**

VX CAD/CAM's new Offset3D Feature Aware Machining allows mold-makers to target highlight areas, and the software automatically adjusts tool path motion to preserve fine, sharp-edge detail and highlights as shown in the above image

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Note to editors: To obtain a high-resolution digital version of the above image, contact Vince Mercurio at 321-309-1008 or [vjm@vx.com](mailto:vjm@vx.com).