

2D Drawings Instantly Converted to 3D

[http://via the web.](http://via.the.web)

The guidance of a seasoned professor and the creativity and determination of his brightest student gives the CAD world a dynamic new tool!

Arlington, TX- As CAD technology advanced from 2D to parametric 3D CAD, designers all over the world were left with hundreds or thousands of 2D drawings in their archives. For many users, migrating to the newer 3D systems meant manually converting their 2D designs to 3D or giving up their valuable 2D data all together. This has prevented many small and medium-sized companies from moving to 3D. But now that has changed. After years of research, Imagecom is announcing the opening of ASPire3D.com, a web portal where 2D files can be uploaded and automatically converted to 3D models. This operation is possible due to the powerful FlexiDesign technology.

Professor Venkat Devarajan saw the market opportunity for an automated 2D to 3D conversion product around 1990. In conjunction with The Automation and Robotics Research Institute at The University of Texas at Arlington, he completed a proof of concept in 1991. In 1992, he was joined in this effort by Rajan Ganesan. Together, they developed the FlexiCAD technology, which eventually became the subject of Raj's master's degree thesis and doctoral dissertation. The technology was completed by a dozen other students.

"Raj and I have worked together very well for a long time. At the university, he was actually one of my best and brightest students," said Dr. Devarajan. "It has been very exciting to see this process go live. It will surely benefit thousands."

FlexiDesign automatically converts 2D files into Autodesk's parametric 3D Mechanical Desktop models. Imagecom

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initially chose Autodesk as their key development platform because Autodesk has the largest number of customers with 2D drawings.

Imagecom also decided that the licensing of FlexiDesign would not provide a good return on investment for all small and medium-sized companies interested in converting their 2D CAD drawings to 3D models.



Dr. Raj Ganesan (left) is Imagecom's VP of Development. Dr. Venkat Devarajan (right) is the President and CEO.

"The application service provider (ASP) model, on the other hand, is ideal for such customers," said Dr. Ganesan, who, as the VP of Development, was responsible for the development of ASPire3D.com. Says Dr. Devarajan, "Not only is the ASP cost effective and easy to use, but it also gives customers the opportunity to convert their drawings through the web on a use-as-needed and pay-per-use basis."

In the very near future, ASPire3D.com will offer similar automated conversion services for CATIA, Solidworks, Unigraphics, IDEAS, and other CAD formats.

Please call toll free, 866.868.8062 for any additional information, or visit www.ASPire3D.com

