



MULTIGEN-PARADIGM RECEIVES U.S. PATENT FOR ITS ORTHOGEN DATABASE PRODUCTION TECHNOLOGY

Innovative solution used to create databases for multiple correlated simulation systems and to improve the performance of existing terrain databases.

Richardson, Texas – January 15th 2007 - MultiGen-Paradigm®, Inc., a leading provider of realtime 3D visual simulation software, was granted a United States Patent (number 7,034,841 B1) for its OrthoGen database production technology. The OrthoGen technology enables users to generate synthetic source imagery by rendering a terrain database. This patent complements MultiGen's patented Virtual Texture technology.

"We are proud to demonstrate our continued commitment to innovation with the award of this patent," said Sandeep Divekar, President/CEO at MultiGen-Paradigm. "The OrthoGen technology complements other patented technology from MultiGen and represents the kind of leading edge innovation that the Vis-Sim industry has come to expect from MultiGen over the last 25 years and helps us deliver the best possible COTS tools packaged in a cost effective manner to meet our customer's needs."

OrthoGen is useful in cases where systems using different technologies need to be correlated. An example would be correlating a radar system whose database requires polygons to describe terrain surface characteristics with a visual or infrared system that is optimized to accept imagery based descriptions of the surface. In this case a polygonal terrain surface would be built to the specifications of the radar then OrthoGen would render the terrain and capture imagery for use in the infrared and OTW systems.

OrthoGen is unique in that it can also be used to improve the performance of an existing database by converting the polygons in the various levels of detail into pixels within a Virtual Texture.

The OrthoGen technology thus allows users to generate a high performance visual database that correlates with databases designed for other types of systems such as a radar database or a database that can not consume geo-specific imagery.

The OrthoGen technology is fully integrated with the MultiGen's Creator Terrain Studio™ product line and has already been used successfully by many MultiGen customers

About MultiGen-Paradigm

MultiGen-Paradigm® is the leading supplier of realtime 3D solutions for visual and sensor simulation as well as simulation-based training. MultiGen's commercial-off-the-shelf (COTS) solutions offer ease-of-use with continually improving realism, performance, fidelity and accuracy of simulation in all wavebands while reducing bandwidth and cost requirements. Our goal is to enable our customers to rapidly create realistic cost effective audio/visual simulations by providing content creation and visualization software solutions, services, training, and data. Further information about MultiGen-Paradigm and its products and services can be found at www.multigen.com.

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