

# CONTENT CREATION

DEVELOP HIGHLY DETAILED AND IMMERSIVE CONTENT FOR SIMULATION APPLICATIONS

## BENEFITS

- Creator, Terra Vista, the optional modules Enhanced Transportation Module (ETM), Multi-MachineBuild (MMB), Computer Generated Forces/Semi-automated Forces (CGF/SAF) Options, and Teamwork together make up the first and only complete workflow for developing immersive content for Modeling and Simulation.
- Content creation software solutions from Presagis are based on OpenFlight and TerraPage, the most popular content database standards in the world.
- Terra Vista supports the widest number of input and output formats available today in a terrain creation software, including support for the OneSAF Terrain Format.
- The new shader palette in Creator delivers 'extreme' game-like 3D model graphics capability.
- Terra Vista MMB accelerates the build-speed of the terrain environment.
- Terra Vista Teamwork enables users to efficiently work on projects in a team environment.
- The ETM module allows for detailed roads and bridges that are ideal for urban settings.
- Terra Vista CGF/SAF Options support all major CGF/SAFs in use around the world. These options enable explicit correlation with the visual component and across multiple CGF/SAF formats.

## SOFTWARE SOLUTIONS FOR ALL LEVELS OF CONTENT CREATION

Accurate and detailed content is vital in the development of realistic and immersive simulations. By creating virtual environments with well-designed and high-performance content, you can achieve the real-world experience required for deploying successful training and operational applications.

Recent world events and current technological advancements have led to an increased emphasis on more 'content-rich' simulations. New trends are driving the need for more detailed and accurate scenes, requiring simulation applications be populated with lifelike structures, objects, and people. COTS software solutions from Presagis provide the functionality to meet any current content creation need. And, because these solutions can keep pace with changing market requirements, Presagis COTS software solutions also represent a sound investment for the future.



Image courtesy of Rockwell Collins

## CONTENT CREATION PRODUCTS

### Creator™

Creator is an award winning 3D modeling software for developing lightweight realistic 3D models and comes with a library of sample models.

### Terra Vista™

Terra Vista supports the highest number of terrain format exports in the world, making it easy to create a unique simulation environment that meets the needs of any project. The Terra Vista family of products includes:

- Terra Vista Base™
- Terra Vista ProBuilder™
- Terra Vista DART™

The following Terra Vista Modules:

- Terra Vista Teamwork™
- Terra Vista MMB™
- Terra Vista Enhanced Transportation Module™ (ETM)
- Terra Vista CGF/SAF Options

While airport simulation remains an important topic, there is an ever-increasing need for highly detailed urban site simulations. For applications involving urban warfare, stabilization operations, emergency response, and homeland security, the focus is now on simple and complex urban transportation networks, urban content that can include signage and road markings, buildings, the interiors of buildings, and high-risk targets that can include public services and infrastructure. These applications require highly agile and flexible content that can be quickly changed, replaced, or removed, which can result in a heavy burden on performance.

To achieve great content, content creation tools must remain intuitive and easy to use, must work to optimize productivity, and must integrate seamlessly into a project's workflow. Additional content creation challenges can include automatic creation of content from raw source data, data/format interoperability, visual and CGF/SAF terrain database correlation, efficient rendering of extremely large datasets or geographic areas, realistic cultural content, part articulation and behavior, complex simulation models, material classification for accurate sensor views, and developing content in teams when in disparate geographical locations.

Presagis content creation software addresses all of these challenges and provides the most complete, effective, and accurate solutions for any of your content creation applications.

