State of the Art Visualisation Technology for Immersive Training Solutions

Benefits
- Enhanced immersion and more realistic environment for trainees through improved virtual representation
- Elimination of negative training (for example visibility of enemy in dark shadows)
- High performance image generator system (higher resolution and higher number of objects in the scene)
- Commercial off-the-shelf and easy to integrate software
- Configurable image generator for easy integration into RUAG training solutions
- Fast creation of rich customized 3D databases
- Standard interfaces for upgrading legacy systems

Features
- Advanced game-based image rendering techniques for high fidelity effects
- Very detailed and realistic 3D models
- Real time dynamic lighting and shadows
- Precise simulation of dynamic vegetation
- Wind effects on vegetation
- Smooth transition of terrain ground textures
- Realistic representation of rivers and seas water planes