



Databases

Real-World Databases for Simulation and Training Systems

Real-World Visual Databases

Real-World Visual Materially Encoded Sensor Databases are PC focused and OpenFlight compatible. Available baseline products include geo-typical and geo-specific visual databases and fully correlated CTDB for SAF environments. Real-World Visual Databases include aerial and satellite imagery mapped onto real-world elevation data plus high-fidelity 3D models - airfields (with selectable/adjustable lighting), buildings, MOUT buildings, way-point features, trees, power lines, etc. Furthermore, additional cultural features and realistic 2D and 3D water with reflections can be included.



*Screenshot of SDS' Indonesian Database

SDS International Inc. PC-IG Visualization Systems

When coupled with SDS's CYBORG Physics-Based, Game-Engine Technologies, Real-World Visual Databases can replace existing PC-IG visual databases on legacy simulators or be integrated with new high-fidelity, non PC-based simulators. A list of available regions will be provided on request.

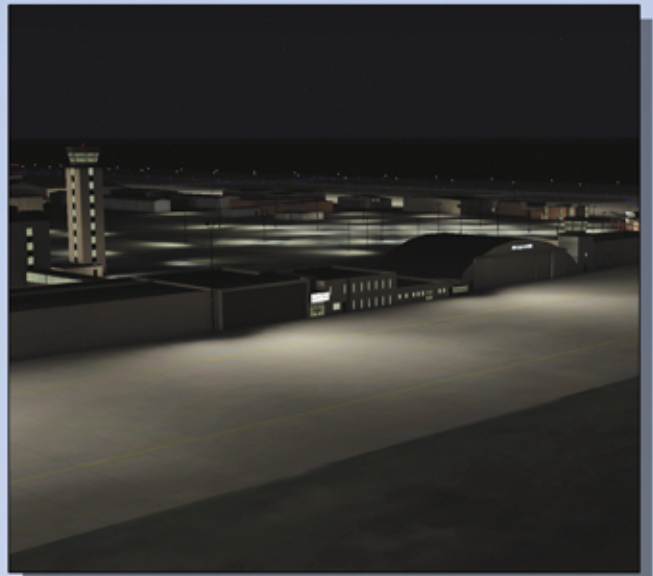


Databases

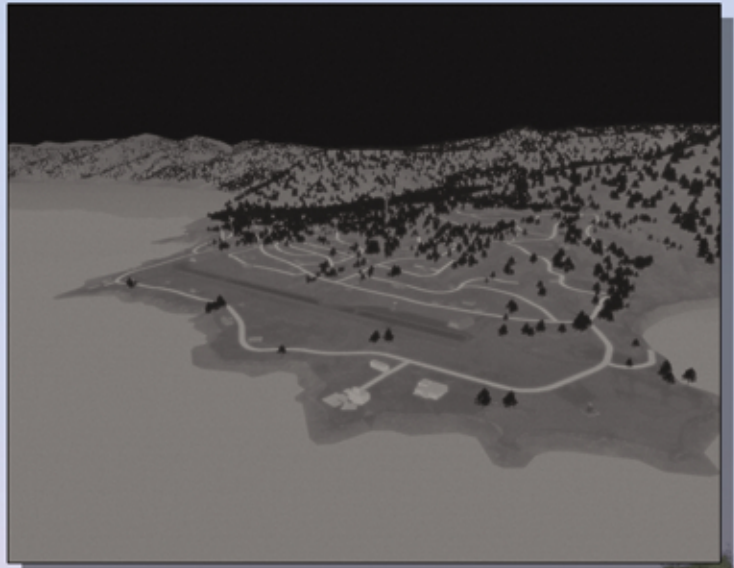
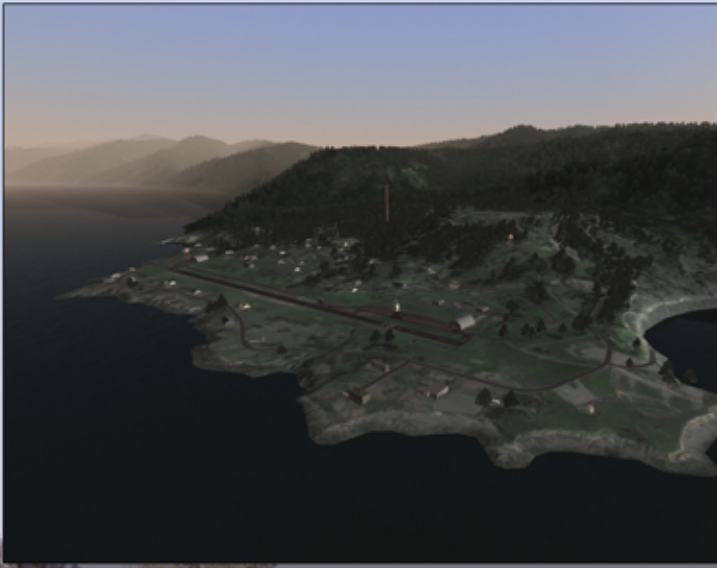
Real-World Databases for Simulation and Training Systems



High Fidelity Baghdad DB for Ground (MOUT) and Flight Applications



North Dakota Database with Grand Forks AFB



Single Database Used for both Visual and Sensor portrayals

Real World Visual Databases

- Add significant training value to PC-based flight simulation
- Replace high-cost visual databases on most existing simulators
- Obviate need for high-cost visual databases and image generators on future simulators



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