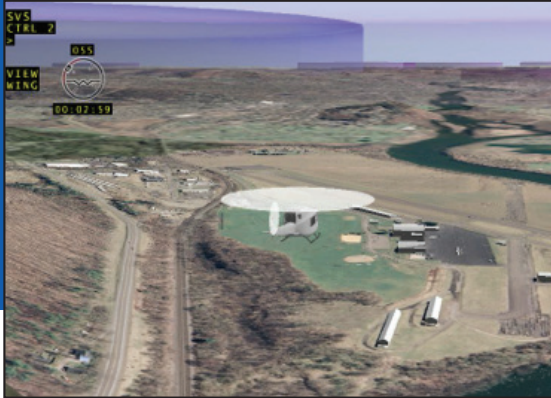


ENSCO SVS Solution



Exocentric view of mission with special use airspace

ENSCO's SVS Core is a software application that enables avionics system providers to achieve a tailored SVS capability at a fraction of the cost of internal development. Compatible with any avionics system, the SVS Core provides a clear view representation of the environment in all weather conditions and situations.

Advantage: Proven Cost-Effective Future Proof Solution

- Software-only application
- Platform independent
- Tailored to platform attributes and mission needs
- Sensor agnostic and extensible

Benefits

- Improves safety through crew situational awareness
- Lowers training costs through visualizing the scene in an intuitive 3-D environment
- Affordably adds SVS functionality to avionics system
- Reduces cycle time and development costs by leveraging existing application investment when adding new sensor inputs and symbology
- Conforms with FACE™ aligned solutions



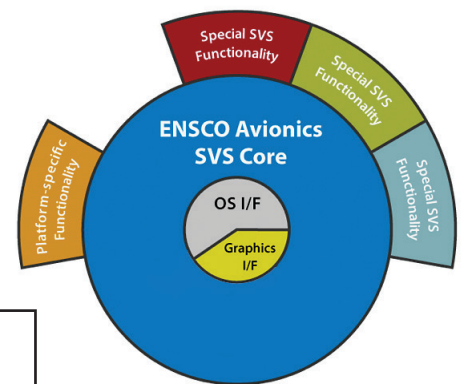
Urban feature data with buildings of interest identified

Features

- Core of advanced algorithms structured for configurability
 - High-resolution Digital Terrain Model (DTM) & Digital Surface Model (DSM) data
 - Obstacle database rendering
 - Urban feature data
 - Controlled and Special Use Airspace
 - Simultaneous display of multiple resolutions of data
- Interfaces with operating system of aircraft for optimal data flow
- Existing APIs handle database and sensor inputs
- Tailored solutions for specific operations, such as DVE, underwater and analysis

Performance Metrics/Features Summary

| | |
|-----------------------------|---|
| 2-D/3-D Overlays | High-resolution Imagery: TIFF, PNG, JPEG, BMP, CIB Maps/Charts: GEOTIFF, CADRG 3-D Objects: Cultural Features, Vehicles, Obstructions, Vegetation |
| Elevation/Depth Data | DTED Level 0, 1, 2, other formats to 1-meter resolution and finer, DBDB-V |
| Terrain Display | Slope Shading, Contour Lines, Elevation Bands, Photo-texture |
| Symbology | MIL-STD-2525 and other tactical symbols, FAA chart symbols, other standard symbol sets, custom sets |
| 2-D Views | North-up, Track-up, Heading-up, Free |
| 3-D Views | Egocentric (Cockpit View) Exocentric (Wingman View) Mission Look Ahead |



ENSCO SVS Core Architecture

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