FlightViz

Raising the bar for flight visualization software

FlightViz, part of the SimAuthor product line by Perspecta, provides the global aviation industry with better trained aircrew by significantly enhancing training through flight debrief and accident investigation.

FlightViz is a robust visualization tool that uses aircraft and simulator data to reconstruct a flight or mission in a high-fidelity 3D scene consisting of high-resolution terrain, navigation charts, data viewers and cockpit instrumentation models.

Aircraft control surfaces, instrumentation, flight path and performance metrics are visualized in FlightViz and are customizable on-the-fly by creating numerous debriefing windows that are tailored to specific phases of flight or customer needs. Highlighted event markers and playback controls create efficient debrief sessions by focusing flight review to key points and maneuvers.

FlightViz 7.0 introduces a new 3D scene compatible with a variety of 3D models and GIS terrain formats. This allows users to import their own models into playback without the need for software engineering services. Both player and authoring licenses are available making FlightViz extremely tailorable based on customer in-house expertise and resources.

Perspecta’s long-term history in accident investigation, 3D scene generation, and customer support is the driving force behind the emphasis on accuracy and flexibility offered by FlightViz.

FlightAnalyst key features and benefits:
- Flight debrief
- Accident investigation
- Enhanced aircrew training
- Performance metrics