



PANORAMA

Air Command and Control System

ELI-4000



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The ELI-4000 PANORAMA is an advanced military Command and Control (C4I) System that integrates modern Air Forces defensive and offensive C4I requirements into a single unified system. The system interfaces seamlessly with all the available surveillance sensors to provide the most comprehensive Recognized Air Picture (RAP).

The types of sensors that can be integrated include: primary/secondary radars (PSR/SSR), Automatic Dependent Surveillance (ADS) – B/C, SIGINT, Electro Optical sensors (EO), Multilateration sensors (MLAT), and weather radars. The system includes integration with other C4I centers ASP's as well as full integration with civil ATM system for efficient air-space management and Civil-Military aviation cooperation and coordination.

The system enables execution of the entire mission cycle including: Mission Planning, Air Tasking Order creation and dissemination, RAP generation, Threats Evaluation, Battle Management tools, Command and Control advanced applications, Decision Support Tools and more. PANORAMA comprises an end-to-end C4I solution which includes user-friendly operator workstations for controllers and commanders and equipped with single or dual screens per station, large video walls, Voice Communication System (VCS) with terminals based on VOIP/ROIP technology and secured high reliability data networks - delivering a full modern C4I system. The system provides a scalable solution for Local Command Centers (LCC), Regional Command Centers (RCC) and National Air Operation Centers (NAOC) as well as tactical transportable front line and joint commands installations.

KEY FEATURES

- Air Situation Picture (ASP) generator
- Scalable and hierarchical Command and Control (C4I)
- Mission Planning (MP)
- Data link network integration
- Training and simulation training
- Advance record and replay module
- Full integration with civilian ATM systems
- Vast dissemination capabilities

