What You Will Learn

This five-day course consists of interactive lectures and a case study. Attendees practice applying the skills and knowledge to implement Aviation System Block Upgrades (ASBU). The course ensures that attendees have a thorough understanding of effective implementation strategies that deliver expedient and cost-effective results.

Day 1: ASBU Overview and Value—Guidance for Selecting ASBU Capabilities

Key Topics

- ASBU overview and value
- Global aviation challenges
- Course conceptual model
- Introduction of course case study

Who Should Attend this Course

- Decision makers responsible for ATM modernization programs and ASBU capability implementation
- Civil Aviation Authorities and other governmental authorities
- Air Navigation Service Providers
- Aircraft Operators
- Airports
- ATM systems manufacturers and solution providers
Day 2: Identifying Your Operational Performance

Key Topics
- Decision process to understand need for upgrades
- Evaluating your economic, demographic, and market trends
- Identifying your aviation system’s projected demand and expected capacity
- Needs and dependency analysis (NDA) overview: prerequisites and preparation
- NDA candidate ASBU modules, needs dependencies, and needs inventory
- NDA baseline inventory and gap analysis

Day 3: Operational View of Case Study Alternatives and Business View of Case Study Alternatives

Key Topics
- NDA impact analysis
- Assessing ASBU operational effects using performance indicators
- Business case analysis
- Operational benefits
- Lifecycle costs

Day 4: Business View of Case Study Alternatives (continued) and Case Study’s Economic Value

Key Topics
- Aviation service provider financial results
- Aircraft operator financial results
- Identifying other social effects: passengers, safety, and environment
- Summarizing social results
- Economic impact of ASBU investment policy

Day 5: Case Study Economic Value (continued) and Decision Making

Key Topics
- Multi-stakeholder negotiation and timing to realize the best return on investment