

National Airspace System Infrastructure Management Conference

Air Traffic Operations Information Assurance

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Federal Aviation
Administration

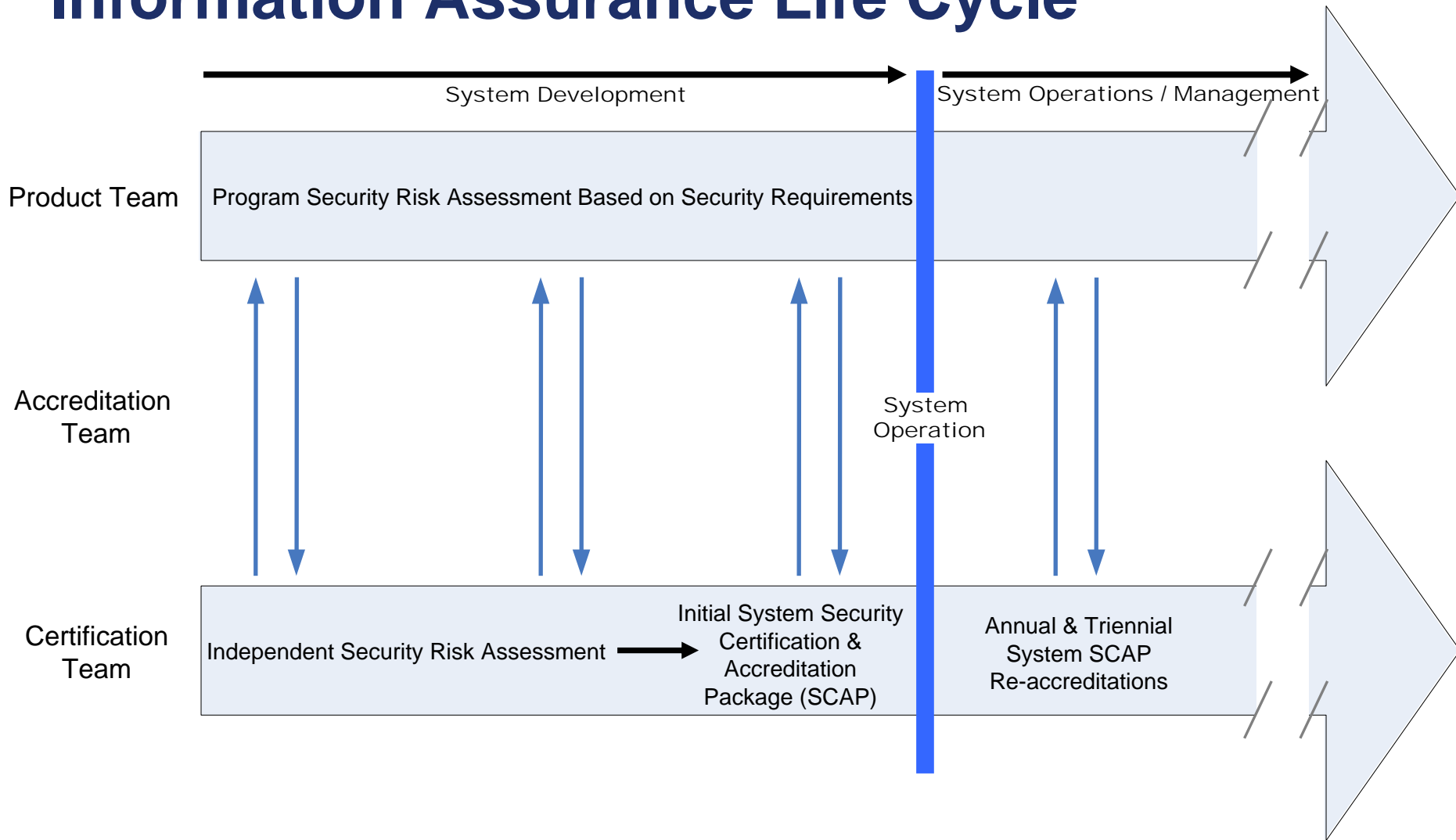


National Airspace System (NAS) Information Assurance

- **Protects and defends information and information systems**
- **Oversees development and implementation of Contingency Plans / Disaster Recovery Plans for all systems**
- **Provides policy that assures information & information systems are managed to Information Systems Security (ISS) standards**
- **Ensures that ISS requirements are implemented throughout the system life cycle**



Information Assurance Life Cycle



Information Assurance Costs

- **C&A**

- Risk discovery & documentation costs are decreasing each year
- Annual level of effort determination
- Represents a core business annual investment

- **Enterprise Residual Risk**

- Based on real events or perceptions
 - Safety of the flying public
 - Loss of aviation community revenue
 - Loss of public trust
- Eliminates system-centric business decisions
- ***Results in system life cycle savings***



Challenges

- **Providing ATO-relevant guidance that keeps pace with evolving NAS architecture, public law and federal guidelines**
- **Keeping ahead of evolving threats**
- **Fusing real time cyber and physical event data to support Air Traffic Management**

