

FAA CYBERSECURITY SYMPOSIUM 2020

Securing the Aviation Ecosystem: Cyber Hygiene

INTEGRATION, OUTREACH, AND PLANNING (IOP)

To be consistently ahead of threats and risks to the aviation ecosystem through successful integration, outreach and planning efforts.

Integration: Incorporate cybersecurity best practices into all SDLC phases

- Integrating cybersecurity best practices with Safety Risk Management (SRM)
- Integrating cybersecurity with NAS Operational Maintenance and Support
- Incorporating cybersecurity with Operational Risk Management

Outreach: Promote ACG as the “one stop shop” for all ATO cybersecurity services

- Improve customer focus, communication, collaboration w/ all stakeholders
- Improve partnerships and participation in cybersecurity exercises
- Facilitate cybersecurity capability convergence across the aviation ecosystem

Planning: Ensure technologies/capabilities can be integrated, authorized, and supported

- Establish enterprise cybersecurity requirements, procurements, and metrics
- Ensure Cybersecurity Policy & Process align with Federal Standards & Guidelines
- Integrate cybersecurity activities and initiatives across the ATO to maximize efficiency, consistency and effectiveness.
- Ensure new technologies and/or capabilities are planned for and authorized (i.e Cloud)

The IOP team will work closely with all partners, both internal and external, government, and industry, to secure and protect the National Airspace System (NAS) and other FAA systems and networks. We will work to improve and expand risk management, best practices, information sharing, collaboration and partnerships to improve the cybersecurity of the Air Traffic Organization (ATO), the NAS, and the Aviation Ecosystem.