AIR TRAFFIC MANAGEMENT SYSTEMS AND SERVICES

2024

Mission Networks Footprint

United States

Herndon, VA
Surveillance Operations Center; FAA customer support

124 employees

192 field service employees

Depot Operations
Lockbourne, OH

Mission Networks North
Herndon, VA
Customer Support
Crystal City, VA

Backup Operations Center
Atlanta, GA

Customer Support
Tallahassee, FL

Mission Networks Headquarters
Melbourne, FL

Melbourne, FL
Communications Network Operations Center; FAA DCNS Operations; FAA SWIM; FAA Weather, MFN-2

758 employees

India

FTI-India Operations
New Delhi

New Delhi - India
Communications Network Operations Center

45 employees

Australia

Melbourne - Australia
23 employees

Melbourne, Vic

1,200
EMPLOYEES

8
PRIMARY LOCATIONS WORLDWIDE

3
COUNTRIES OF OPERATION

Mission Networks Business Overview

Mission Networks is a large-scale, platform-agnostic **prime solutions integrator** for **safety-critical** and highly secure network infrastructure and enterprise systems.

Resilient Networks	Enterprise Data & Information Services	System-of-systems Network Solutions
Providing large-scale, multi-component resilient networks	**Delivering enterprise systems for real-time data and information management over hybrid network infrastructure**	**System-of-system solutions for provisioning and control of mission data flows over disparate networks**
• Telecommunications	• Hybrid cloud architectures for enterprise processing	• Networked cooperative/non-cooperative surveillance systems
• Multi-sensor networks	• Secure data and information management	• Multi-sensor network infrastructure
• Command and control (C2) systems	• Data transformation, automation and dynamic data flows	• Cross-domain and integrated networks
• Decision support systems	• Large scale data link	• Model-based systems engineering for safety-critical systems
• Air-to-ground data communications and voice systems	• Cross-domain messaging services	• Turnkey or managed services solutions
• Fixed wireless and configurable network operations across disparate networks		

## Large-scale, platform-agnostic prime solutions integrator

- ✓ Proven performance and quals in environments enabling command and control (C2) operations for the safety-critical National Airspace
- ✓ Flexible business models, adapted to customer preferences
- ✓ Able to bridge the gap between commercial practices and government processes
- ✓ Effective program and contractor management processes

L3Harris and FAA – Decades of Partnership
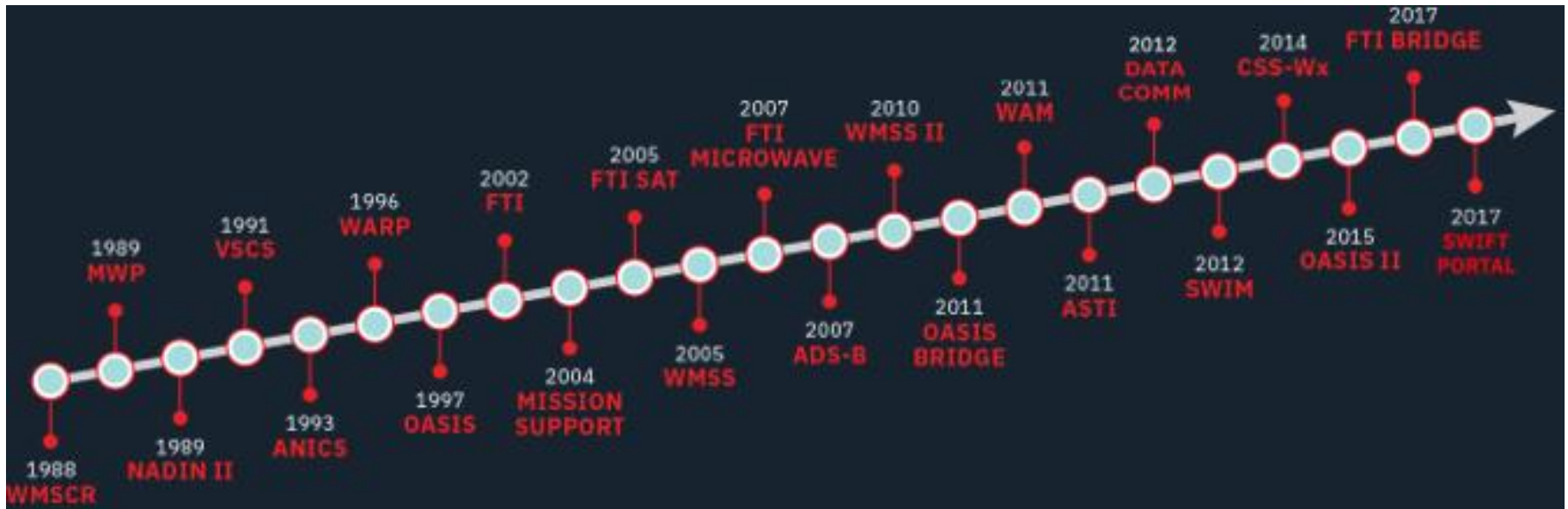
L3Harris has deployed and is operating/managing First-of-its-Kind Infrastructure Solutions for United States Aviation/Air Traffic Control:

- En-Route Voice Control System for all 21 ACCs in US (Supporting through 2040) - VSCS

- First modernized Flight Plan Filing Interface (civil and military) - NADIN II

- First Internet-Protocol Private Network for Air Traffic Control - FTI

- First integrated ADS-B system, maintains network of 700+ ground stations – SBS/SBS II

- First integrated Controller Pilot Data Link Communications network service – Data Comm

- First centralized System Wide Information Management leveraging FTI backbone – SWIM

- First cloud-based information distribution portal for airspace user access to FAA data – SWIFT Portal

FAA ADS-B: 15 Years of ADS-B Surveillance
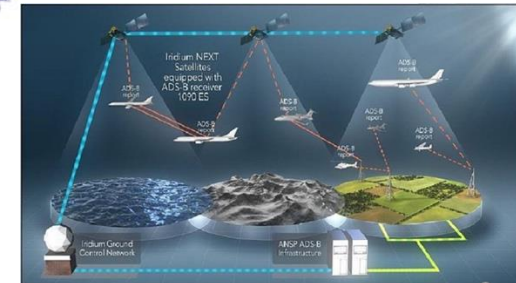
- Awarded in 2007

- Spans 9,443 miles

- Processes 1110+ ATC surveillance sensors located @ 700+ ground stations

- Enabling precise tracking to safely increase airspace capacity

- 30% reduction in accident rates in Alaska

- Includes terrestrial, WAM and Space-based ADS-B

Space-based ADS-B Surveillance

For Aireon, the provider of space-based ADS-B surveillance L3Harris provided technology and support for:
- space sensors/antennas that enable space-based ADS-B
- ground system to receive and process space-based ADS-B

Services: Technology Integrator and Service Provider/*Customer:* Aireon
Period of performance: 2012 - present

L3Harris built, owns and operates the largest ATC surveillance network in the world

Thank you!

Contact: Moranda.Reilly@L3Harris.com