The Writing Sample

INFRASTRUCTURE DOCUMENTATION FOR AIR TRAFFIC CONTROL SYSTEMS — L3HARRIS

OVERVIEW

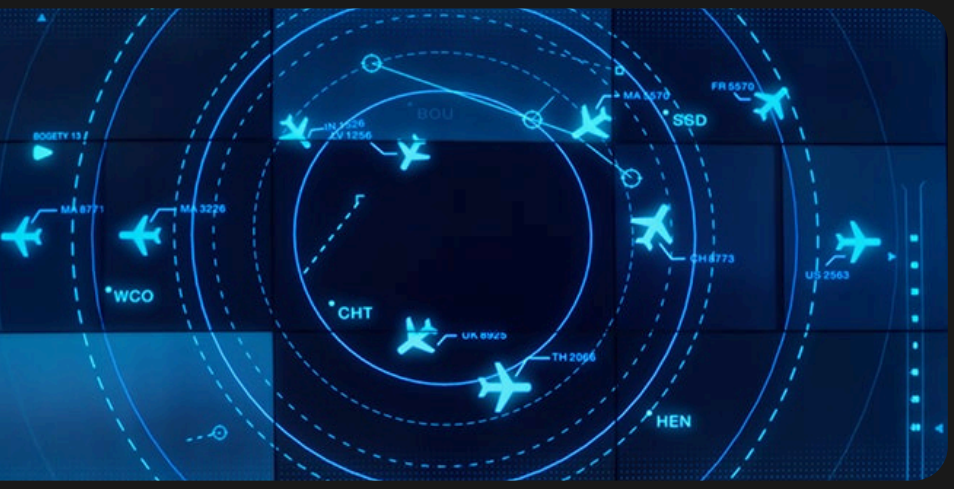
At L3Harris, I supported the development of technical documentation for a secure air traffic control (ATC) infrastructure. My work focused on documenting systems that spanned data centers, server environments, storage arrays, network configurations, and disaster recovery protocols.

CHALLENGE

The ATC infrastructure demanded precise and up-to-date documentation to ensure system reliability, regulatory compliance, and operational continuity. I worked across departments to gather input from engineers, system administrators, and IT staff, all while navigating a fast-paced, high-security environment.

RESULTS

- Created technical manuals and system guides for complex IT infrastructure, including Windows-based servers, storage solutions, and network pathways
- Documented system configurations, architecture workflows, and disaster recovery procedures
- Ensured all deliverables aligned with federal compliance standards and supported continuity of operations
- Collaborated with multiple technical teams to translate infrastructure knowledge into clear, accessible documentation for both technical and non-technical stakeholders



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We:

- Deliver MIL-STD, ISO, and in-house compliant documentation
- Support engineering, quality, and service teams
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www.thewritingsample.com

Hendersonville, NC 28792

Disclaimer: This case study summarizes publicly shareable aspects of my role. All original documentation is protected under ITAR regulations and NASA/contractor confidentiality agreements, and I no longer have access to any project materials.