



Background

- Azul is an 8(a)-certified small business founded in 2010 based in Maryland
- Specialized in critical Systems Development and Program/Technical Services for the Federal Government
- We are current MOA holders for 8(a) STARS III (47QTCB21D0328), SETIS (Subcontract to 693KA8-22-D-00021) and eFAST (DTFAWA13A-00148) and currently executing contracts for the Federal Government
- Active DCSA Security Clearance

Why Azul?

- Experienced development of mission critical operational systems for the FAA's National Aviation System (NAS)
- Providing the Federal Government with engineering, software development and program support
- Our experience covers the full product life-cycle process including: program support, system requirements, design, implementation, integration, testing, deployment, etc.

Core Capability: Software Engineering

- Experience:
 - Developed certified mission critical systems
 - Function and system analysis, UI/UX design
 - Data Modeling and complex very large DB design
 - AI and ML design and modeling
 - Architecture, Design and Coding
 - Integration, IV&V, Quality Assurance
 - Deployment and Maintenance
 - Geo Spatial, CMS, Server/Client, Complex Modeling, Prototyping, etc.
- Clients:
 - Federal Aviation Administration, IPAC, Harris Corp., Boyd's Tech.
- Project:
 - Developer of NAS In-sight System (NISIS) for National Defense Program (NDP) group in the FAA. A complex GIS based system used for critical operations coordination by Air Traffic
 - Central Altitude Reservation Function (CARF): A complex operational aircraft separation system used by FAA's Air Traffic
 - Notice To Airmen (NOTAMS) system: A critical pilot messaging system used by the FAA NAS and aviation community
 - Developed the Symphony Air Traffic Management system (Haris Corp)

Core Capability: Systems Engineering

- Experience:
 - Concept Development
 - Enterprise Architecture
 - Requirement gathering and analysis
 - Systems design and development
 - Security and Safety Engineering

- Clients:
 - Federal Aviation Administration
- Projects:
 - Providing support to ANG to define Common Support Service – Flight Data and Trajectory Base Operations
 - Support to the Resiliency Team (AJW-1) to ensure the NAS is robust and can manage risk
 - Aeronautical Information Management (AIM) Segment 1 and Proof of Concept for Segment 2
 - Concept of Operations for GSA EA Team

Core Capability: Data Modeling, Simulations and Analysis

- Experience:
 - Risk and Cost Benefit Analysis
 - Projection and Prediction based on trends and behavior
 - Real Time Simulations
 - Resiliency Modeling
 - Cybersecurity Threat Model
- Clients:
 - Federal Aviation Administration
 - Harris Corp., Boyd's Tech.
- Projects:
 - Investment prioritization
 - Statistical attrition and churn analysis
 - Risk Analysis

Core Capability: Program Support

- Experience:
 - Technical/Programmatic support for PMO and Air Traffic Orgs (e.g., Telecom, Sys Ops, etc.)
 - NAS Cybersecurity technical support
- Client: FAA