



Background

- Azul is an 8(a)-certified small business founded in 2011 based in Maryland
- Specialized in critical Systems Development and Program/Engineering Services for the Federal Government
- Our trained and experienced team has supported the FAA, GSA, and private sector

Why Azul?

- Experienced development of mission critical operational systems for the 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
 - Data Modeling and complex DB design
 - Architecture, Design and Coding
 - Integration, Testing, Quality Assurance
 - Deployment and Maintenance
 - Geo Spatial, CMS, Server/Client, Complex Modeling, Prototyping, etc.
- Clients:
 - Federal Aviation Administration
 - BIPAC, Harris Corp., Boyd's Tech.
- Project:
 - eFAST Prime contractor of NISIS System for NDP and AJW-2 organizations. A complex GIS based system used for critical operations coordination
 - 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
 - Participated in developing the Symphony Suite Air Traffic Management system (Harris Corp)
 - Developed Content Management System for Action Committee (BIPAC)
- Projects:
 - Federal Aviation Administration
 - General Administration Services
 - Exelis Inc., ICF Int.
- Projects:
 - Aeronautical Information Management (AIM) Segment 1 and Proof of Concept for Segment 2
 - Concept of Operations for GSA IT Business

Core Capability: Data Modeling, Simulations and Analysis

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

Core Capability: Program Support

Core Capability: Systems Engineering

- Experience:
 - Concept Development
 - Enterprise Architecture
 - Requirement gathering and analysis
 - Systems design and development
 - Security and Safety Engineering
- Clients:
 - AMS Technical/Programmatic support for PMO and ATO orgs (e.g., FTI)
 - OMB-300 and other external artifacts
 - NAS Cybersecurity technical support
- Clients:
 - Federal Aviation Administration
- Projects:
 - FTI senior management, Terminal, AIM, Oceanic, etc.