



MZI Aviation Company Capability Presentation

www.mziaviation.com

(703) 850-2388

Corporate Overview

- 17+ years supporting the Government
- Active Contracts
 - FAA eFAST (Prime)
 - FAA SETIS (Sub)
 - FAA SE-2025 (Sub)
 - FAA PSS (Sub)
 - GSA MAS (Prime) - pending
- CAGE: 7XTC8
- UEID: CH5BT19LVPC7
- 541330 Engineering Services (Primary)
- 541512 Computer Systems Design Services
- 541519 Other Computer Related Services
- 541990 All Other Professional, Scientific, and Technical Services
- 541690 Other Scientific and Technical Consulting Services
- 541618 Other Management Consulting Services
- 541715 Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
- 541511 Custom Computer Programming Services
- 541611 Administrative Management and General Management Consulting
- 541618 Other Management Consulting Services
- 488190 Other Support Activities for Air Transportation
- 518210 Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services



Value Proposition

- End-to-End solution delivery from concept to disposal. **100% operationalization success** track history
- **59 full fidelity systems** deployed to **42 locations** successfully across the US in span of one year (recognized by agency executive for this achievement)
- Over **1,000 users** and **60,000 hours** of usage annually
- **\$44 million** annual savings for the government
- Our engineering solutions serve over **670 Million** users annually

- Core Competencies

- Enterprise Architecture & Emerging Technologies
- Systems Engineering and Life-Cycle Management
- Software Life-Cycle Management
- Project & Program Management
- Business & Systems Modeling



Differentiators

- 100% success rate of bringing systems engineering solutions from ideas to operation
- 100% Personnel with Certified Systems Engineering Professional (CSEP) by the International Council of Systems Engineering (INCOSE) & Project Management Professional (PMP) by Project Management Institute (PMI)
- Agency-wide recognition by the Federal Aviation Administration (FAA) AJI Technical & Training sub-agency Executive
- Commitment to professional development of human capital through on-going training, reskilling and investment



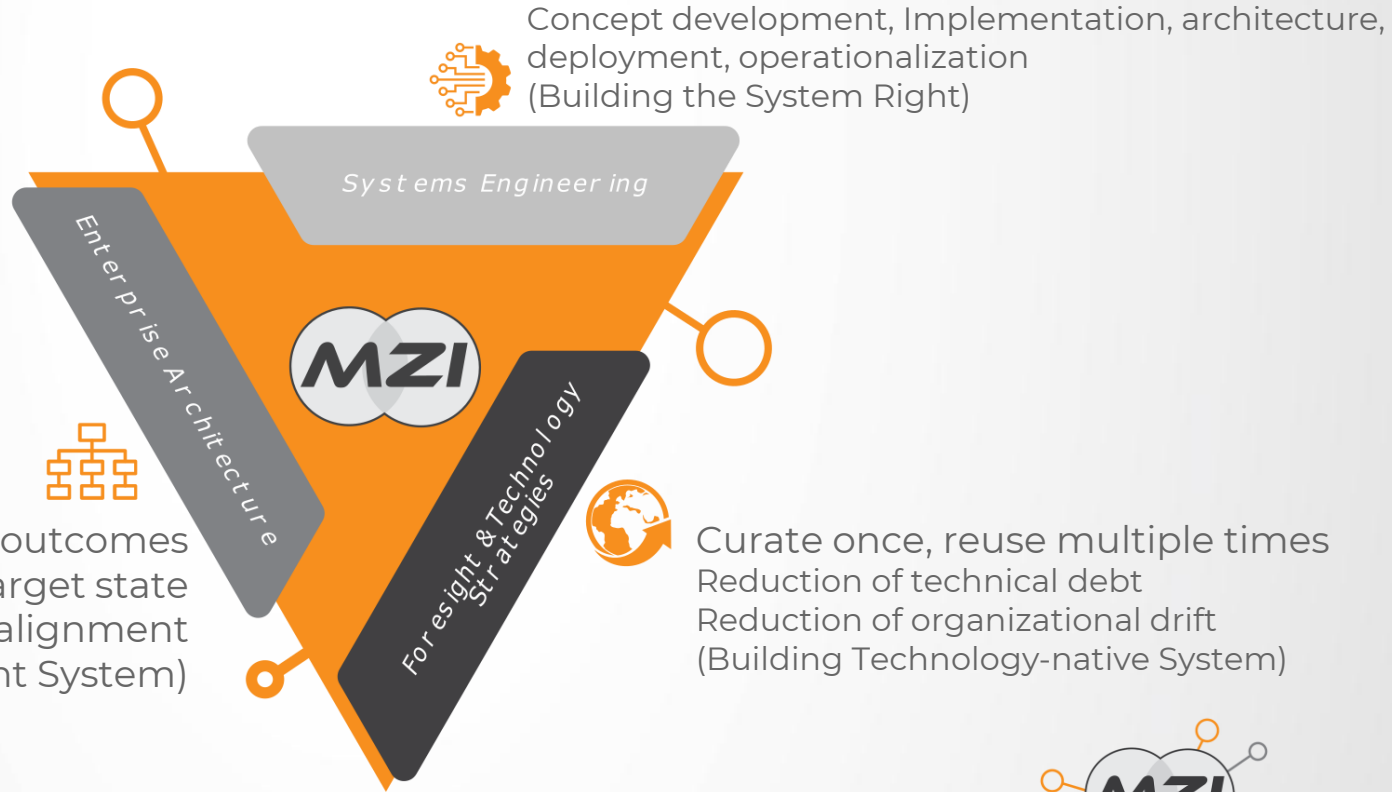
Past Performance

- **FAA**
 - \$1 Billion portfolio, \$44 million cost reduction, serving over 670 million users, 42 locations, 3,000 IT assets, 5 major applications (FAA SDLC and SW development), Implementation, cloud, AI/ML strategies including EIM architecture, AIOps, MLOps, Predictive analytics, IV&V, Acquisition, Investment analysis, EA, performance metric analytics, data analytics, strategic planning, emerging technologies, technology readiness assessment, Missions Support and NAS systems including Digital Engineering Environment (DEE) and Digital Twin (DT), software development expertise and SDLC, DevOps, Platform Engineering (Operating Environments)
 - AES, ICN, NextGen 2040, Trajectory Based Operations (TBO), Flight Object Data Store (FODS) TFDM, TSS, xTM (UTM, UAM, ETM, AAM), PBFM, COSTA → ANG-C, ANG-B, AJM, AJI, AIT
- **NASA**
 - Pathfinding for Airspace with Autonomous Vehicles (PAAV) development (an ATM-X initiative)
 - UTM DHS concept development and architecture
 - UTM, UAM, AAM concept development, and architecture
- **Air Force: Platform One, NAVY: NCE**
- **Academic and Research Engagement**
 - AI primer development, MLOps and AIOps research, enterprise architecture and MLOps augmentation research, Embraer EU collab
 - Develop end-to-end SCM solution/prototype
 - SCM control tower development (Digital Twin and MBSE with regard to the TRM)
- **Commercial**
 - Systems Engineering Command Center (SECC) – Engineering Assurance AI Agent
 - Developing a tool to enable access to real-time aerodynamics analytics in operations for more efficient operations



MZI Triangle of Value-driven Operationalization (MTVO)

PLAY ME!



Contact

Mehran Irdmoussa, President and CEO
MZI Aviation

mehran.irdmoussa@mziaviation.com

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