

Capability Statement

MZI Solutions
From ideas to reality!



UEID: CH5BT19LVPC7

Cage Code: 7XTC8

EIN: 82-2553945

NAICS Codes:

541330

541512

541519

541611

541990

541690

488190

541618

541715

541511

SAM Registration: Active

Accepting Credit Cards: Yes

Business Size: Small

Contract Detail:

Federal Aviation Administration (FAA) -
eFAST (Prime)
SETIS (Sub)
SE-2025 (Sub)
PSS (Sub)

Certifications:

Certified Systems Engineering Professional (CSEP)

Certified Project Management Professional (PMP)

Contact:

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COMPANY OVERVIEW

With over 15 years of federal experience, as a small business, MZI leads the engineering process to **bring ideas and concepts to operation** by empowering federal agencies to evaluate legacy systems, improve safety and efficiencies, implement best practices, and deploy mission critical solutions. By architecting advanced systems, verifying design results, implementing prototypes, and validating investments, we provide reliable results that prepare your organization for its current duties and the unforeseen challenges of the future. Our engineering solutions serve over **670 million** Americans 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) & Project Management Professional (PMP)
- Agency-wide recognition by the Federal Aviation Administration (FAA) Executive Leadership for on-time, on-budget, and on-performance solutions
- Higher commitment to professional development of human capital through on-going training, reskilling and investment

PAST PERFORMANCE

Federal Aviation Administration (FAA) & NASA – SE-2025/SETIS (Subcontractor to LS Technologies | May 2022 to Present | NextGen R&D and Digital Engineering | Data analysis for over **35,000** hours of unique flights with **82** distinct metrics over **77** airports in the United States using AI and ML with strategic planning for architectural impacts. Develop methodologies for digital twins and modernizing system design and development. Engineering and R&D of unmanned aircraft systems UTM, UAM, AAM, ETM | Contact: Ben Sai, Contracts, ben.tsai@lstechllc.com | (434) 386-1080

Federal Aviation Administration (FAA) – SE-2025/ETASS (Subcontractor | February 2015 to May 2022 | Tower Simulation System (TSS) | With our focus on mission and proven systems engineering solutions, we helped the government successfully deploy **59** full fidelity systems at **42** locations across the U.S. and improved system efficiency by **10%** and improved the system accessibility rate by **75%** making the national airspace safer, more efficient, and more well-equipped. Currently, over **1,000** users utilize the system with over **60,000** hours annually while enabling the government reduce operations cost by **\$44 million** a year | Areas of performance: data analytics such as Artificial Intelligence (AI) for adaptive learning and Natural Language Processing (NLP), Agile software development, requirements management, business case & investment analysis, logistics planning, operations, maintenance, acquisition, vendor management, integrated verification & validation, EVM, factory & site testing | Contact: Ben Sai, Contracts, ben.tsai@lstechllc.com | (434) 386-1080

Federal Aviation Administration (FAA) (Employee of Metron Aviation) | July 2010 to February 2015 | Terminal Flight Data Manager (TFDM) | Enterprise Architecture, life-cycle system development, trade studies, systems modeling, stakeholder management, requirements analysis | Contact: Robert Hoffman, Vice President, robert.hoffman@metronaviation.com | (703) 338-3779