LAUNCH THEORY

Launch Theory delivers **compliance**-driven **development**, **legacy modernization** and **Independent validation** solutions for federal agencies, using **AI-driven data** and **analytics solutions**, secure modern coding practices, **accessibility remediation expertise**, and comprehensive **verification services. 100% U.S. development team.**

Real-time Decision Support • AI Pattern Detection • Project Rescue Experts

CORE COMPETENCIES

TECHNOLOGY SOLUTIONS

Full-spectrum custom development and cloud integration services delivering secure, scalable architectures optimized for mission-critical federal systems, from infrastructure engineering to AI-driven applications.

- **Legacy System Modernization and Cloud Integration/Migration:** AWS, Google, Azure, FedRAMP
- **Application Development** Agile, C++ .NET, Ruby Rails, Python, AWS, Java, Node.js, Next.js, React.js, MySQL/NoSQL
- **AI & Machine Learning Solutions:** Predictive models, Text/Image analysis, anomaly detection, real-time mass data eval.
- **Data Engineering & Analytics** Hadoop, Mongo, Postgres, R, Python, Kafka, NiFi, Spark, Tableau, Elastic Stack (ELK)
- **Web Services:** HTML, CSS, JavaScript, SSL/TLS, HTTPS, Drupal, WordPress, Acquia Site Factory, RESTful APIs, GraphQL
- **Blockchain Development:** Ethereum, Hyperledger Fabric, Quorum, Solidity, JavaScript, Go

Modernization • Rescues • Advanced Custom Software Development • System Architecture • UX/UI Design

DATA AND ANALYTICS SOLUTIONS

Advanced solutions transform your complex data into actionable intelligence for real-time decision & cross-agency collaboration.

- **Secure Data Management & Integrations:**
  FedRAMP, NIST, DHS SELC
- **Real-Time Dashboards for Decision Support**
- **Data Fusion & Intelligence Integration**
- **AI, Data & Analytics Technical Advisory Services**

ACCESSIBILITY AND COMPLIANCE

Comprehensive compliance services ensuring your systems meet rigorous standards while maintaining accessibility, from I V&V to risk management and cybersecurity implementation.

- **Independent Verification & Validation (IV&V)**
- **508/WCAG Compliance Experts:**
  Remediation, Testing, Monitoring, Documentation
- **Cybersecurity Standards Expertise:**
  DoD CMMC, SOC 2, NIST 800-171 for CUI
- **Risk Management, Project Rescue & Recovery**

BUSINESS & MANAGEMENT SERVICES

Strategic program management and technical consulting services to enhance your mission performance through documentation, training, and digital transformation support.

- **Program Management Consulting**
- **Technical Writing & Compliance Documentation:** RFPs, Technical Manuals, Compliance Documentation
- **Strategic Digital Marketing & Outreach**
- **Technical Training & Digital Literacy Programs**
- **Visual Communications & Graphic Design Services**

DIFFERENTIATORS

🇺🇸**100% U.S. Development Team:**
No offshoring, experienced staff with deep expertise in federal compliance and secure development standards.

Proven Federal Experience:
Subcontracting, managing PPI, HIPAA, CUI on secure federal projects.

Compliance-Driven Development:
Specializing in ADA/508 remediation, security hardening, and readiness for DoD CMMC, SOC 2, and NIST 800-171 standards.

AI-Enhanced Data Solutions:
Delivering secure, large-scale data management platforms with AI-driven capabilities for data processing, pattern detection, and automation tools that support real-time decision-making.

Rescue Project Experts:
Specialized in Rescuing At-Risk Projects with Secure, Scalable Solutions. Proven success in stabilizing and modernizing outdated systems with full project recovery under strict timelines, ensuring operational continuity and compliance.

Commitment to Excellence and Integrity:
Over 10,000 development hours since 2022 with 100% client satisfaction and long-term retention.

DoD SBIR: AI-Driven Risk Detection & Intervention Platform on AWS

AI/ML Integration • Secure Data Management • FedRAMP Compliance

Contract: FA8649-20-9-9128 | Year: 2021-2022 | With: Air Force, DoD, AWS, VA | Partner: Booz Allen Hamilton

Launch Theory delivered a SOC 2 compliant, AWS-based data processing architecture enabling real-time risk detection across 2M+ user interactions. Implemented advanced machine learning models with zero security breaches, achieving 500% improvement in pattern-matching accuracy while maintaining strict PII protection through custom data anonymization.

Enterprise-Wide Digital Transformation & Accessibility Initiative

Enterprise Modernization • 508 Compliance • Agile Delivery

Successfully modernized and standardized 50+ institutional websites through ACSF-compatible Drupal theme development. Delivered 37 reusable components with full 508/WCAG compliance, reducing maintenance costs by 50%. Completed complex migration under budget in 2.5 months using agile methodology and automated testing.

Mission-Critical System Integration & Performance Optimization

System Integration • Legacy Modernization • Performance Optimization

Led critical middleware modernization by replacing complex integration layer with streamlined API architecture. Achieved near real-time data synchronization, 95% improvement in system efficiency, and $50,000+ annual cost reduction. Maintained zero downtime during transition while supporting concurrent Drupal version upgrades.

Secure Multi-Agency Research Collaboration Platform

Secure Collaboration • Multi-Language Support • Digital Transformation

Delivered secure research collaboration platform with seamless integration to institutional resources. Implemented role-based access controls, multi-language support, and full 508/WCAG compliance. Enhanced faculty engagement through intuitive interface design while maintaining enterprise security standards and automated workflow management.

NAICS CODES

Core Technology & Software Development
- **513210**: Software Publishers
- **518210**: Data Processing, Hosting, and Related Services
- **541511**: Custom Computer Programming Services
- **541512**: Computer Systems Design Services
- **541519**: Other Computer Related Services

Design & Communication Services
- **541430**: Graphic Design Services
- **541613**: Marketing Consulting Services
- **541910**: Marketing Research and Public Opinion Polling
- **561410**: Document Preparation Services

Educational & Training Services
- **611420**: Computer Training
- **611699**: All Other Miscellaneous Schools and Instruction
- **611710**: Educational Support Services

Research & Technical Services
- **519290**: All Other Information Services
- **541690**: Other Scientific and Technical Consulting Services
- **541715**: Research and Development in Physical, Engineering, and Life Sciences
- **541720**: Research and Development in Social Sciences and Humanities
- **541990**: All Other Professional, Scientific, Technical Services

Management & Business Services
- **541611**: Administrative Management and General Management Consulting Services
- **541618**: Other Management Consulting Services
- **561499**: All Other Business Support Services