



EMPOWERING TRANSFORMATION, ELEVATING THE MISSION

## The Falkn Delivery Engine

Falkn Solutions is on a mission to provide innovation to the warfighter at the speed of industry. We specialize in building, deploying, and sustaining dual-use software in the world's most challenging environments. We replace legacy bottlenecks with modern, high-performance systems, ensuring your tools evolve as fast as the mission demands.

### Unified Delivery: One Team, One Mission

Superior software is born from the coalescence of engineering excellence and operational expertise. Through User-Centered Design (UCD) and Agile Delivery, we embed with your team to eliminate friction and ensure immediate mission adoption.

We don't just hand over code; we deliver readiness.



#### Launchpad Alignment

De-risking the mission through technical roadmapping and stakeholder synchronization.



#### Concept Ignition Prototyping

Moving from requirements to validated, functional software in weeks.



#### Mission Launch Production

Delivering scalable, secure, and containerized software for complex environments.



#### Operational Readiness Sustainment

Ensuring long-term mission success through SRE and continuous modernization.

Headquartered in Austin, TX  
Powered by Experts from Coast to Coast

UEI: DEVCBCNWQ2M1

CAGE: 05Z88

Primary NAICS: 541511, 541512, 541519, 541611

Phase III Direct Award Eligible

info@falkn.io | 512.571.3401 | www.falkn.io

TRUSTED TO MAINTAIN OPERATIONAL TRUTH FOR THE  
WORLD'S MOST SOPHISTICATED COMBAT SYSTEMS.

## KESTRL

UNLOCK YOUR DECISION ADVANTAGE

*Data Intelligence for the  
Air-Gapped Edge*

U.S. Navy STTR Phase II



## SKILLS & CAPABILITIES

### Applications & Data

- **Custom Software Development**  
Full-stack, mission-critical application delivery.
- **Application Transformation**  
Refactoring legacy monoliths into modern architecture.
- **Modern Systems Integration**  
Connecting legacy ecosystems via secure APIs and middleware.
- **Modular Open Systems Approach**  
Vendor-agnostic architectures to ensure seamless cross-system integration.

### Data, AI, & Edge Computing

- **Operational Data Harmonization**  
Automated deduplication and alignment for disconnected data islands.
- **Tactical Edge Computing**  
Air-gapped, hardware-agnostic, containerized deployments.
- **Applied AI & Machine Learning**  
Local LLM inference and predictive analytics at the tactical edge.
- **Large-Scale Data Architecture**  
Resilient data storage and management for distributed, contested operations.



### Infrastructure & Reliability

- **Risk Management Framework (RMF)**  
Technical engineering and documentation support for ATO path.
- **Site Reliability Engineering (SRE)**  
Proactive monitoring and uptime for high-availability systems.
- **Security Engineering**  
Hardened code and secure-by-design architecture.
- **Hybrid Infrastructure**  
Expert management of on-prem, cloud, and cross-domain environments.



### Product, Research, & Design

- **User-Centered Design (UCD)**  
Deep-dive research to ensure technical solutions match operational reality.
- **Outcome-Oriented Roadmaps**  
Strategic product management focused on mission impact.
- **Service Design**  
Optimizing the entire ecosystem of operator and stakeholder experience.
- **Digital Operating Models**  
Implementing modern frameworks for building and scaling software.

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