



Capability Statement

AI planning and orchestration for defense logistics

COMPANY OVERVIEW

Certu Systems builds an AI platform that plans and replans supply chain and logistics operations automatically, from the moment a requirement is placed to the moment it is delivered. Certu detects disruptions within a minute, rebuilds the plan, and sends decisions to the person with authority to approve them. Headquartered in Pittsburgh, Pennsylvania, with a team that includes veterans and people with defense logistics experience.

< 1 min

disruption to alert

6 stages

planned together
on one platform

**Up to
40%***

lower last-mile
transport cost

2 weeks

to Shadow
Simulation results

CORE COMPETENCIES

- **Automated logistics planning and replanning** across requirements, stock, warehouses, transportation and cost.
- **Real-time disruption detection:** late parts, unavailable vehicles, changed delivery windows, warehouse and in-transit delays.
- **Human-in-the-loop control:** approval at the thresholds you set, with a full audit trail of every decision.
- **Demand forecasting and replenishment** (Certu AI Predictor) and **warehouse management** (Certu WMS).
- **Transportation planning:** load building, routing and driver schedules (Certu LOaaS).
- **Cost per shipment at delivery** for budget and program accounting (Certu Intelligence).
- **Integration** with existing ERP, warehouse and transportation systems. No rip-and-replace.

DIFFERENTIATORS

- **Plans the whole path at once** instead of one step at a time, so a change in one stage updates the rest.
- **Autonomous where allowed, supervised where required:** commanders and program owners keep decision authority.
- **Low-risk start:** a Shadow Simulation replans historical orders alongside current operations and reports results in 2 weeks. Nothing live changes.
- **Proven in commercial operations** with manufacturers and distributors in North America and Asia.

MISSION AREAS

- **Military sustainment:** installation, depot and unit logistics; surge planning for mobilizations, exercises and training cycles.
- **Defense industrial base:** production and shipping planned together to meet contract delivery dates.

Army · Navy · Air Force · Marine Corps · Space Force · Coast Guard · Reserve components · National Guard

COMPANY DATA

UEI Z32CDK3XC3Y9

CAGE 23CP3

NAICS 541614 Logistics consulting

513210 Software publishers

541715 R&D, engineering

SAM.gov Registered

SBIR / xTech Proposal submitted

Business size Small business

SECURITY AND COMPLIANCE

- ✓ Customer data in a US-only cloud
- ✓ Aligned with NIST SP 800-171
- CMMC Level 2 certification in progress, expected early 2027
- ✓ Approvals at the thresholds you set, with a full audit trail

HOW TO START

- **Prove:** Shadow Simulation, results in 2 weeks
- **Pilot:** one installation, depot, route or program
- **Contract:** directly with Certu Systems

CONTACT

POC Michael Starz
VP of Business Development

Phone (951) 980-8239

Email michael.starz@certusystems.com

Web certusystems.com/defense

HQ 285 Kappa Dr., Ste 140
Pittsburgh, PA 15238