

PMLS

Predictive Military Logistics Software | A Marine Corps Logistics Application

PMLS is a purpose-built application for a specific Marine Corps logistics problem set. Most logistics failures can be seen before H-hour - if someone checks the plan against the numbers. PMLS reads the order, the table of organization and equipment, daily reporting, and the maintenance publications, flags the units the plan leaves uncovered, and forecasts asset availability by UIC, asset number, and fleet type, daily, six months out, with the confidence stated.

H-72 PLAN CHECK BEFORE THE SHORTFALL	6 mo DAILY AVAILABILITY FORECAST	UIC BY UNIT, ASSET, AND FLEET	70/80/90 CONFIDENCE, STATED
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THE FAILURES IT IS BUILT AROUND

- A support order misread so that distribution covers two of six units - with the shortfall surfacing 72 to 96 hours in
- Consumption never derived from the scheme of maneuver or balanced against storage; units held at 100% by default
- Fire plans that ignore the maintenance tail: recoil attenuators, tube wear, environment
- Ammunition storage rules sitting in reference books nobody cross-checks
- Asset availability tracked as a spreadsheet estimate
- Services planning the same expeditionary airfield separately; campaign models where munitions use never meets stocks or production

WHAT IT DOES

- Plan check - reads support relationships against every unit's storage and derived burn; flags uncovered units before H-hour
- Logistics - derives burn from daily LOGSTAT, scales it by phase, and pushes only enough to hold above the commander's floor; hub-and-spoke distribution
- Operations - converts the fire plan into parts, man-hours, and rounds actually deliverable; checks transfer point loads against DAC Yellow Book compatibility groups
- Asset forecast - daily availability out to six months per UIC, asset number, and fleet type, scored on held-out days
- Strategic - reconciles multi-service plans against the airfield record; sizes the aircraft stack by confidence against fuel, tankers, and crew day; shows the munitions run-out week against stocks and production
- Sources - every planning number points to its source

BUILT TO SIT BESIDE WHAT YOU ALREADY HAVE

- A plug-in, not another program of record. PMLS runs beside existing platforms such as Palantir Foundry or Maven rather than replacing them.
- Runs disconnected. The demonstration build is a self-contained application in a container; no data leaves the machine. It opens on a phone, a laptop, or a government workstation.
- Answers the commander's risk question with numbers. Switch between 70, 80, and 90 percent confidence and see what each does to the plan.
- Focused by design. PMLS solves one Marine Corps problem set. For a multi-branch logistics and readiness platform, see SWARM.

STATUS AND ACQUISITION PATH

Status	Demonstration build. Every screen runs on synthetic, notional data except quoted DAC Yellow Book reference records. The goal is to move availability planning from a spreadsheet estimate to a forecast with its confidence stated; accuracy on real data is established in a pilot, not claimed here.
Pilot Path	The first pilot step is data access: force structure, maintenance, LOGSTAT, ATO, tanker, and airfield records. The software is ready to be pointed at them.
Acquisition Path	Layered Intel is a nontraditional defense contractor (10 U.S.C. 3014) and a Self-Certified Small Disadvantaged Business. PMLS is suited to a prototype Other Transaction (10 U.S.C. 4022), a Commercial Solutions Opening (10 U.S.C. 3458), or SBIR/STTR.
Next Step	Request a demonstration. Demo access is provided by username and password on request.

ABOUT LAYERED INTEL

Who We Are	A Nevada small business built by federal practitioners - capture executives, retired military logisticians, and enterprise systems engineers whose careers were spent inside the Department of War, DHS, the Intelligence Community, and the federal systems integrator base. We turn a subject-matter expert's problem into working, deployed software in days.
Business Status	Small Business Self-Certified Small Disadvantaged Business Nontraditional Defense Contractor (10 U.S.C. 3014) SAM active for all awards
Identifiers	UEI C5UCQB8QTBDB8 CAGE 9TJW1 Primary NAICS 541611 Las Vegas, Nevada
Product Line	GSA MAS Suite CMMC Level 2 Compliance Tracker Stratify systemsbuilder.pro SWARM PMLS SAMSON (reseller) NextStage (reseller)