SALAR TECHNOLOGIES LLC
ENGINEERING THE FUTURE
AMERICAN GRIT. ADVANCED SYSTEMS.
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Government Capability Statement

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Positioning. SALAR is a doctrine-and-tools company that helps the defense industrial base reduce electronics fragility through design reliability, multi-tier supplier intelligence, counterfeit / pedigree controls, predictive readiness-risk scoring, and manufacturing-stability analytics.

Core capabilities

- Board-level reliability governance and alternate-source engineering for mission-critical electronics.
- Predictive failure and readiness-risk analytics for sustainment planning and maintenance prioritization.
- Graph-based multi-tier supply-chain risk scoring for concentration, provenance, and hidden-node exposure.
- Closed-loop manufacturing-stability analytics for process drift, quality escapes, and throughput assurance.

Pilot offerings

- Common data model linking board rules, provenance, manufacturing evidence, and readiness outputs.
- Multi-tier dependency graph and alternate-source prioritization for fragile part families.
- Counterfeit / pedigree triage workflow with quarantine, escalation, and release logic.
- Manufacturing-excursion detection and confidence scoring for critical process steps.

Best-fit DLA paths

- LTR: emergent technologies and innovative practices that improve internal DLA processes and sustain DoD weapon systems.
- DLIR / SCM: digital engineering, workflow digitization, logistics data quality, and manufacturing digital-thread use cases.
- AMTR / SDD: market intelligence, connected supply chains, disruption-response analytics, and logistics process innovation.

Differentiators

- Inventor-led direction with semiconductor, manufacturing, and reliability depth.
- Portfolio center of gravity is graph-based supply-chain risk scoring supported by reliability and stability lanes.
- Explainable rules-plus-analytics posture designed for evaluator scrutiny and transition-partner use.