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making—providing enterprise predictive logistics and sustainment across the Department of Defense

THE CHALLENGE

Delivering combat-critical integrated deterrence is impacted by the ability to accurately predict both pre-conflict and in-conflict supply chain requirements, from strategic to operational. LOGWERX is a suite of capabilities that optimizes route and supply locations, performing mission risk and vulnerability assessments on supply web

prioritization of supply demands.

SELF-HEALING SUPPLY WEB

LOGWERX transforms the static supply chain to a self-healing supply web by digitally mapping the DOD supply chain and leveraging AI-enabled modeling and simulation. This provides global logistics awareness with the ability to:

- **Map the global nodal network** of the DOD supply chain across services and classes of supply to adjudicate real-time
- **Assess sustainment** of supply and optimize route and resupply planning around contested or constrained areas in theater
- **Perform wargaming and simulation** to "fail segments" of the supply chain—and then assess

supply and demand requirements, using the data to evaluate impact of potential supply chain disruptions

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