



RUNE

T E C H N O L O G I E S



**RUNE TECHNOLOGIES
EXISTS TO OPTIMALLY
LEVERAGE DATA, AI AND
SOFTWARE TECHNOLOGY TO
ENSURE VICTORY THROUGH
THE PRECISE EXECUTION OF
CRITICAL LOGISTICS AND
SUSTAINMENT OPERATIONS.**



OUR TEAM

Combining Silicon Valley tech talent with operational experience to rapidly deliver mission aligned technologies that support the execution of critical logistics and sustainment operations.

2024

Founded

50%

US Military
Veterans

70%

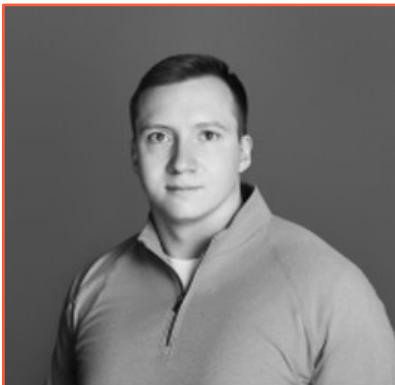
Engineering
& Product



DAVID TUTTLE

Chief Executive Officer

David began his career as a U.S. Army officer before moving into investment banking in aerospace and defense. He then returned to active duty as an Operations Officer for a JSOC Special Missions Unit, later leading a software team within JSOC. After his second active service period, he joined Anduril Industries to lead the C4 business before co-founding Rune. He holds a BS from Cornell University and an MBA from Georgetown University and continues to serve in the New York Army National Guard.



PETER GOLDSBOROUGH

Chief Technology Officer

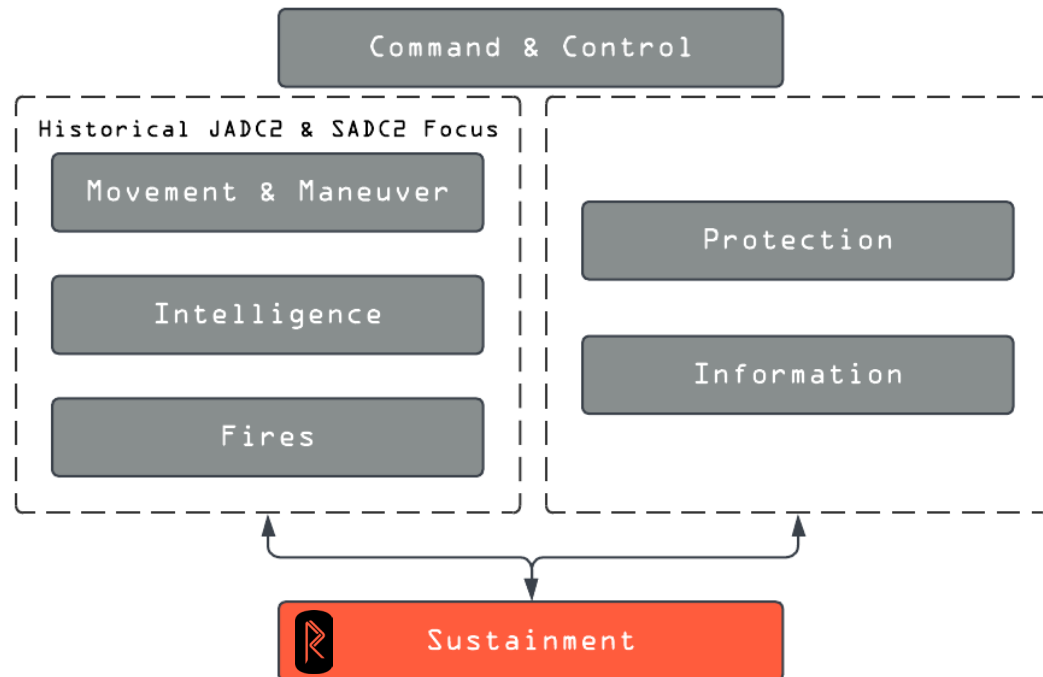
Peter dropped out of the Technical University of Munich to join Facebook AI Research at 19, following internships at Google, Bloomberg, and Facebook. He spent three years as a core developer on Facebook's PyTorch AI team before transitioning to a senior software engineer role on its Realtime Data Processing team. Before co-founding Rune, he helped build Anduril's machine learning platform and later led software engineering for Anduril's C4 business and Army C2 Next program. Peter was named to the 2026 Forbes 30 Under 30 List.



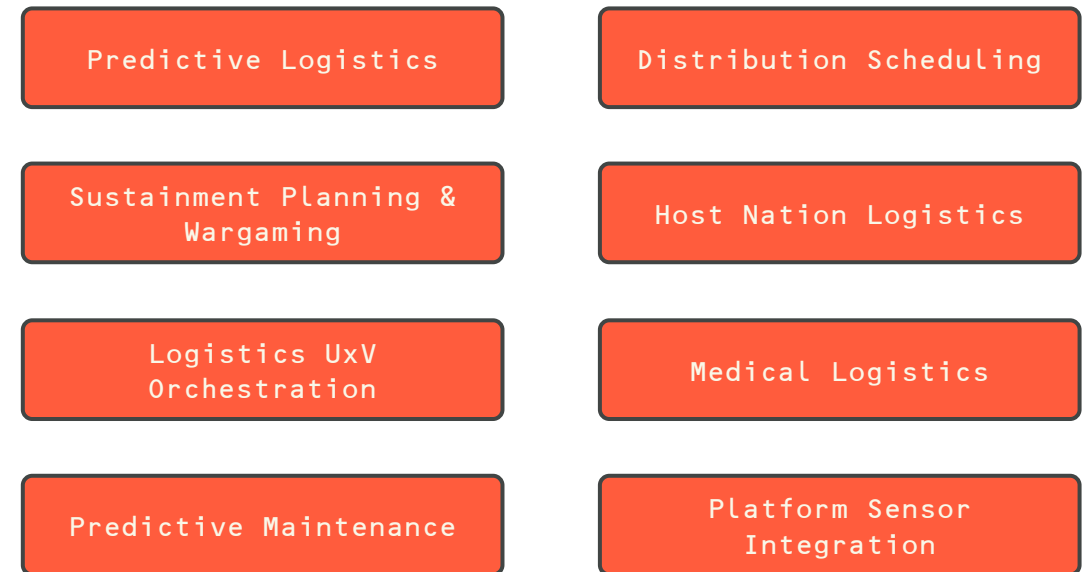
A SINGULAR FOCUS ON MILITARY LOGISTICS AND SUSTAINMENT

TyrOS is a modular, open software platform that enables commanders and logistics professionals with a decision support, planning, and execution tool for operational sustainment across all echelons.

Logistics as an integrated component of mission command



Interweaving all aspects of sustainment for holistic capability delivery

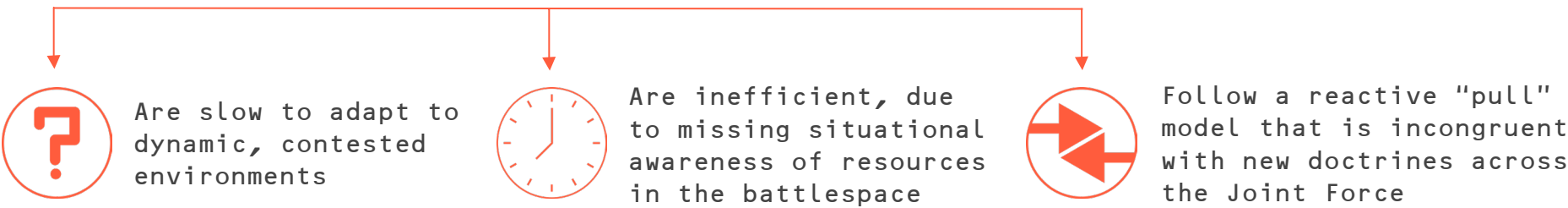




THE STATUS QUO OF LOGISTICS AND SUSTAINMENT

Today, operational military logistics rely on analog systems and processes that served well in the Global War on Terror but fall short against peer and near-peer adversaries.

CURRENT LOGISTICS PLANS:



THIS IS NOT HOW WE WIN

"A resupply convoy heading my way in Afghanistan hit an IED. I had no idea what was inside that truck because that information was on another guy's whiteboard."

- ARMY BATTALION S4, FORT CARSON





CURRENT CAPABILITY GAPS PRESENT OPPORTUNITIES FOR ADVANCEMENT

Current sustainment problems at the tactical and operational levels



Lack of real-time inventory visibility



Lack of real-time platform fleet visibility



Lack of automated supply package generation



Lack of in-transit resupply visibility



Lost time on swivel chair workflows

Solving these problems can provide substantial capability gains



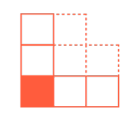
Increase lethality and minimize the chance of mission failure due to lack of resources



Enable the evaluation of operational risk from sustainment and logistics



Increase operational agility



Increase the mobility of units by reducing oversupply



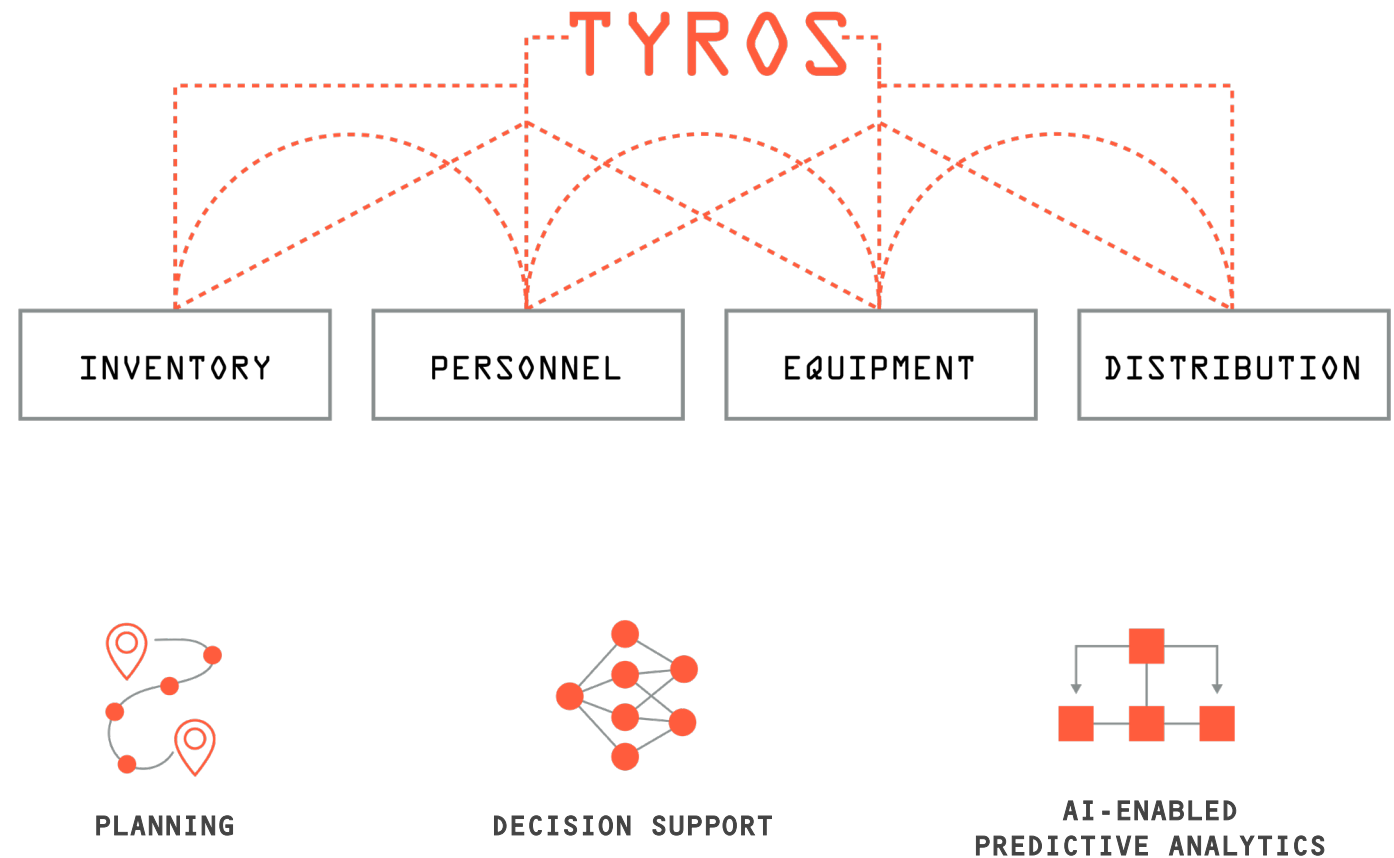
Reduce the time and cost of sustainment missions



TyrOS ENABLES LARGE SCALE LOGISTICS AT MACHINE SPEED

TyrOS is a next generation software platform for operational logistics, enabling management of all pillars of sustainment.

More than just data visualization, TyrOS is the fabric that combines the information necessary to make holistic, data-driven sustainment decisions and aids the logistician during resourcing, planning and execution.



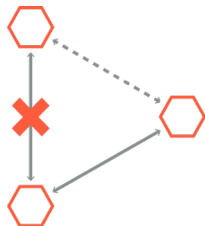


EDGE FIRST AND BUILT TO SCALE



OPEN ARCHITECTURE

Application Programming Interfaces allow secure data ingress and egress to existing government and third-party software.



DDIL AWARE & MESH-BASED

TyrOS detects connectivity windows and transmits data across its mesh network, prioritizing data and limiting bandwidth per mission and user requirements.



OFFLINE FIRST ARCHITECTURE

Built for the tactical edge, TyrOS caches critical last-known inventory, route, and vehicle data to enable disconnected operation with minimal resource use.



SCALES WITH THE MISSION

TyrOS adjusts its storage and compute footprint to its environment—staying agile at the edge and leveraging full enterprise cloud power when available.



RUNE TECHNOLOGIES

[illegible]

VEHICLE SENSOR INTEGRATION

DISTRIBUTION SCHEDULING

PROJECTED FAULTS (3)

Integrated Power Package (IPP)

74%

Recommendations

IPP starter degradation
cartridge replacement

Technical Manual

TO 1F-35A-2-7C
Power Plant — If

Projected Parts

IPP Starter Cart
NSN: 2925-01-6

IPP Combustor I
NSN: 2840-01-6

EO-DAS Sens
EW/Sensors
Predicted: 4/1/25

Landing Gear
Landing Gear
Predicted: 4/7/25

Saga
Maintenance Assistant

F-35A — 15-5112
Ask questions about faults and maintenance

15-5112 at Kadena AB.

Current Status: NMC
Active Faults: 2
Parts on Order: 3
Projected Faults: 3

What would you like to know?
02:59:42

Suggested questions:

What parts do I need for this repair?

What's the estimated time for this maintenance?

Show me the technical manual reference

Are replacement parts in stock?

Ask a question...

Press Enter to send, Shift+Enter for new line

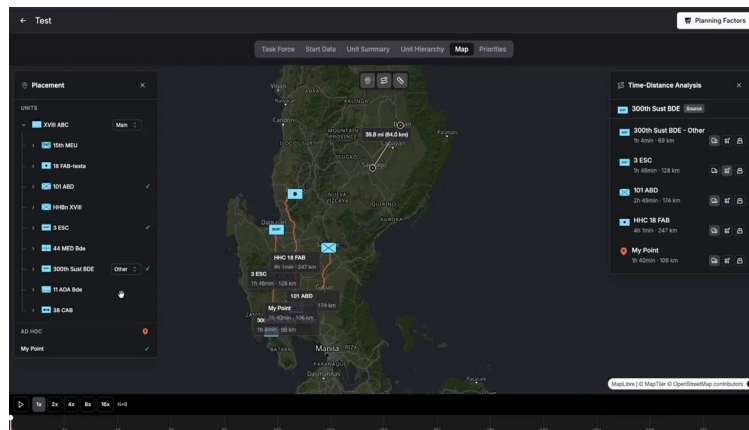
PREDICTIVE MAINTENANCE

Sensor data, PMCS workflows and automated fault to part mapping enable predictive maintenance, predictive readiness and AI enabled maintenance optimization with Rune's Saga AI agent.



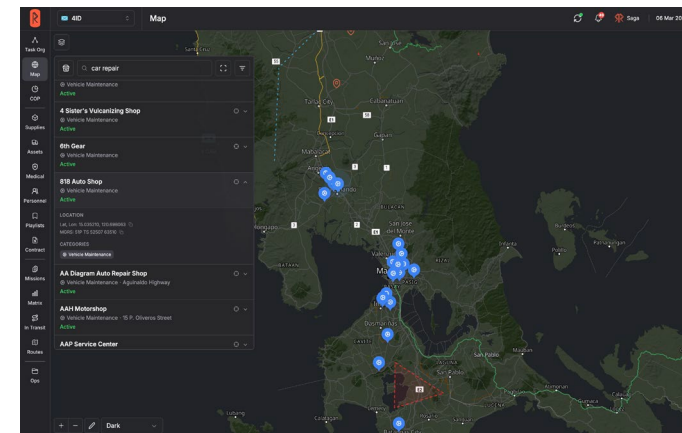
... AND CONNECTS THE KILL CHAIN TO THE SUPPLY CHAIN

Connections to other warfighting systems, autonomous platforms, and workflows across medical and contracting enable holistic decisions and integrate sustainment into how units fight and operate.



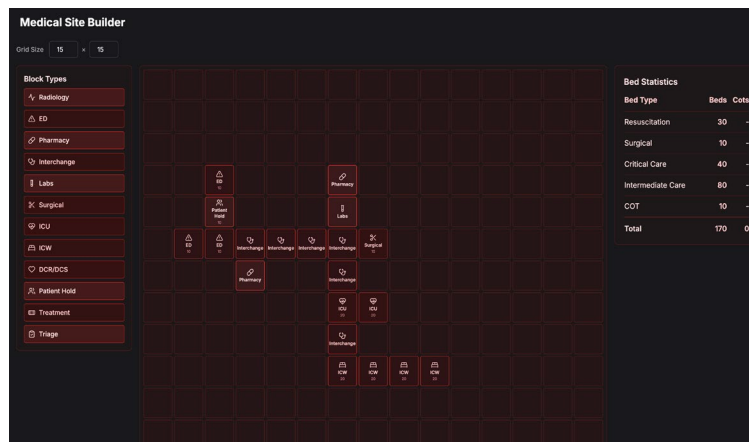
PLANNING & WARGAMING

Agentic, scenario-driven COA generation models outcomes, risk, and sustainment constraints across time and space for and operational echelons to enable logistics-driven decision-making.



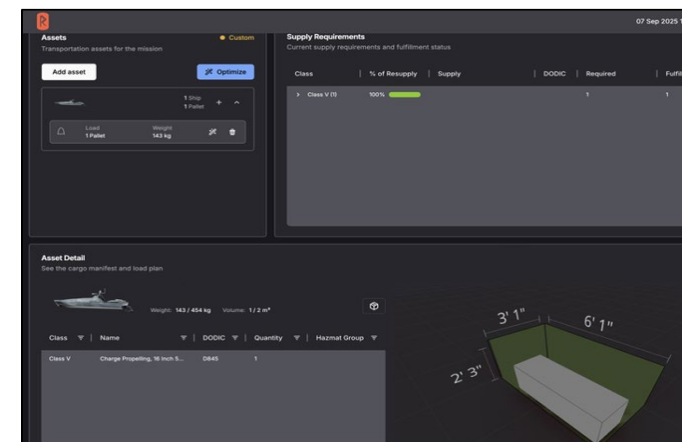
CONTRACTING

Local vendors, contracts and additive manufacturing are integrated into the supply web to augment sustainment with visibility and control.



MEDICAL LOGISTICS

Patient tracking at the POI, treatment capacity and MEDEVAC/CASEVAC routing are synchronized to optimize casualty flow and survivability from the tactical to theater levels.

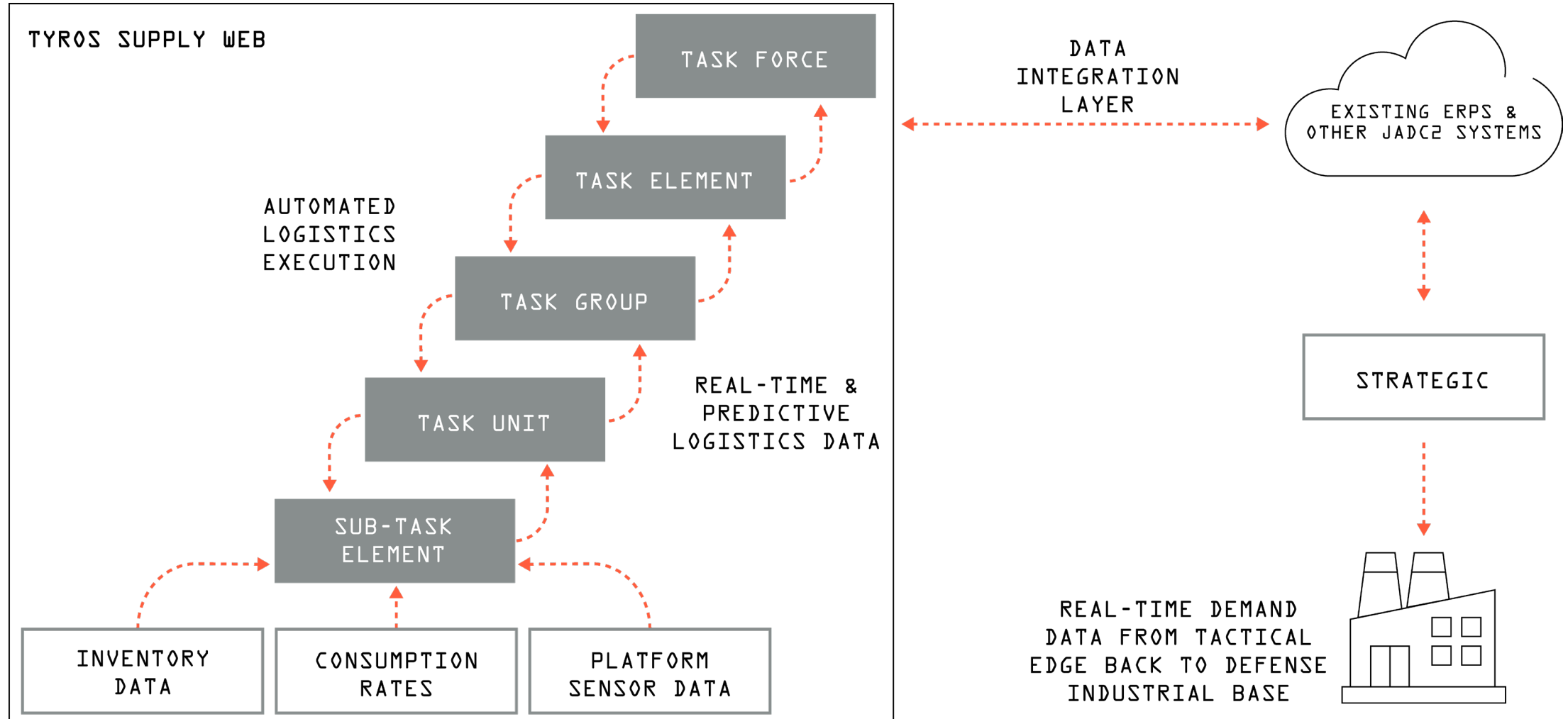


LOGISTICS UxV ORCHESTRATION

Autonomous platforms are dynamically tasked and routed with real-time telemetry and adaptive load planning across domains.



FUTURE VISION: LOGISTICS AUTOMATION FROM THE TACTICAL EDGE TO THE DIB





SELECTED VIGNETTES

ENABLING ARMY SUSTAINMENT OPERATIONS AT ECHELON



RUNE TECHNOLOGIES

4th Infantry Div	XVIII Airborne Corps	1st Cavalry Div	NGC2
			
Deployed TyrOS across the division for CPX-WFX series , unifying logistics data into a near-real-time COP with AI-driven forecasting to accelerate readiness and C2.	Deployed TyrOS at the corps level for Scarlet Dragon 25-3 , delivering predictive sustainment integrating fires and logistics data for real-time view of inventory, platform, and combat power.	Competitively selectively and currently deploying TyrOS under 18-month long Direct to Phase 2 SBIR supporting all sustainment echelons of the 1st Cavalry Division.	Rune is the only company on contract with <u>both</u> US Army Next-Generation Command & Control (NGC2) prototype efforts currently underway and executing.
ACCOMPLISHMENTS		Ongoing effort to deliver sustainment across echelons, to include Brigade Support Battalions, Division Sustainment Brigade, and Division Headquarters. Supporting the Army's first identified Transformation in Contact (TiC) Division Sustainment Brigade with modern logistics software capabilities.	Currently deploying TyrOS at both the 25th Infantry Division and the 4th Infantry Division, delivering TyrOS as the tactical sustainment application to enable AI-driven, unified planning and execution at the edge and in the cloud while accelerating commander decision-making in disconnected, contested environments across all classes of supply, maintenance, distribution, personnel and medical logistics.
Delivered real-time division combat power and readiness visibility across 600+ vehicles, equipment, and casualties – cutting sustainment reporting from hours to seconds to drive faster and more accurate operational sustainment inputs across the division.	Automated fires-to-sustainment integration to provide real-time Class V tracking via a direct integration to AFATDS, enabled AI-driven resupply planning in seconds, and allowed 72-hour combat power forecasting for all critical platforms.		



SELECTED VIGNETTES

DELIVERING AI-ENABLED LOGISTICS ACROSS THE MARINE CORPS



Marine Corps Warfighting Lab



Rune is partnered and under contract with the Marine Corps Warfighting Lab for experimentation and testing efforts to evaluate TyrOS as a next-generation Marine Corps logistics command and control platform, delivering TyrOS to modernize logistics planning, distribution execution, and decision-making across Marine Corps operational echelons.

USMC MWX 4-25



Rune embedded a full team of engineers with Combat Logistics Battalion 8 (CLB 8) during MAGTF Warfighting Exercise 4-25 (MWX 4-25) to execute parallel sustainment mission threads inside the Main COC, identify opportunities for increased operational efficiencies, validate TyrOS workflows, and accelerate future integration and fielding across the Fleet Marine Force.

ACCOMPLISHMENTS

Delivering AI-enabled logistics C2 to the Fleet Marine Force with the potential for consolidating legacy systems into a joint, offline-first platform interoperable with other systems (ADVANA, Maven Smart System) and tactical networks (including Anduril's Lattice), and integrated across all warfighting functions. TyrOS has operated fully disconnected at the tactical edge to enable logistics planning and execution at all echelons within the Marine Air-Ground Task Force (MAGTF).

Deployed to the Marine Corps Tactical Systems Support Activity (MCTSSA), enabling cloud-based access from government computers, on government networks.

Accelerated sustainment mission execution from planning through reporting, replacing whiteboard COC workflows with real-time logistics visibility and validating rapidly fieldable, commercially-developed offline-capable software at the tactical edge under realistic operational conditions.