PATTON AI

Machine-Speed Command

in Contested Environments

When all else fails, Patton Prevails

THE PROBLEM

Legacy C2 fails when it matters most

U.S. forces must coordinate heterogeneous swarms across air, land, sea, space, cyber & EMS — often when GPS and comms are degraded or denied. Current systems lack real-time collaborative autonomy and persistent mapping.

>80%	DEGRADED	FRAGMENTED
Tempo Loss	Lethality	SA

THE SOLUTION — HIVE PLATFORM

One command layer. Multi-domain orchestration.

Real-time collaborative autonomy · Persistent SLAM mapping · Explainable agentic decision support · Self-healing under fire · Human authority preserved · Doctrine of the offensive

CORE CAPABILITIES

Multi-Domain Swarm

Air, land, sea, space, cyber, EMS under one layer

Self-Healing Hive

Topology reconfigures when nodes are lost

Passive SLAM

Autonomous nav when GPS is denied

ON THE BATTLEFIELD — What the Difference Actually Means

Survive the First Strike

Self-healing architecture: losing nodes does not mean losing the fight. Command continuity measured in seconds.

Fight in Denied Environments

Passive SLAM finishes the mission when GPS is jammed and communications are contested.

Decide Faster Than the Enemy

Agentic COA generation + real-time simulation. Ranked options with full rationale while the situation is fluid.

Scale Without Chaos

One coherent command layer across domains prevents coordination friction in large unmanned formations.

Keep Humans in Authority

Every recommendation is explainable and auditable. The AI handles chaos; the commander retains full authority.

Reduce Cognitive Load 70%+

Analysts and planners are freed from routine correlation so they can focus on higher-order judgment.

LIVE & PROVEN

70%+	<10s	100%
Analyst & planner workload reduction	Hive failover under node loss or jamming	Explainable & auditable AI

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