

HYDRA™

DEPLOYABLE. EXTENSIBLE. SCALABLE.

**High-Powered Compute
Deployable Edge Infrastructure**

OPERATING WHERE THE MISSION DEMANDS

Ruggedized

Future Proof

AI GPU-Enabled

Mission-Ready

**Learn more & request a demo:
markonsolutions.com/hydra**



The Edge Has a Compute Problem

Modern operations generate data at a scale that outpaces forward infrastructure. AI-enabled applications, real-time analytics, and software-defined capabilities are no longer rear-echelon tools, they are mission requirements. But the compute to run them doesn't travel with the force.

Cloud-dependent architectures assume persistent connectivity. Contested and degraded environments break that assumption. When the network goes down, capability collapses precisely when it is needed most.

Forward elements need compute that operates independently, deploys rapidly, and runs any workload the mission demands. Infrastructure that goes where the mission goes.

DISCONNECTED OPERATION

Runs AI/ML workloads and mission software with no external dependencies. Synchronizes with cloud or higher-echelon environments when connectivity is restored.

TAILORED TO THE WORKLOAD

Hardware and software configurations scale to the specific AI/ML or software requirement. Hydra is a platform, not a fixed product spec.

NOT A PROTOTYPE

Production infrastructure currently deployed in support of real-world operations. Built by operators who have designed and deployed complex infrastructure under mission pressure.

"Hydra operates where the mission demands, not where the network permits."

A COMPLETE EDGE INFRASTRUCTURE PLATFORM

Ready to Run Ready to Scale

Hydra is a complete, pre-integrated infrastructure platform - not a collection of components. Hardware and software are delivered together, configured to the workload, and ready to operate on arrival.

Markon provides configuration, integration, and ongoing support from the same team that built and operates the platform. It works for the mission, not just on a spec sheet.

Hydra is designed to adapt faster than procurement cycles. When mission requirements change, the platform changes with them. No re-engineering. No new contract vehicle. No waiting.

Built for the Environment

- Ultra-efficient power consumption reduces logistics burden where power is scarce
- Low thermal output sustains performance in austere conditions
- Compact, modular construction to be transportable by small teams

INTEGRATED SOFTWARE

Integrated VM & Container Orchestration

Identity & Access Management

Logging, Monitoring, & Observability

Distributed Data Synchronization & Transfer

Version Control & App Management

Browser-based Remote Access

Secure Remote Connectivity

DEPLOYABLE HARDWARE



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