KERNOS PRODUCT SUITE

DARKNET

DISTRIBUTED NETWORK OPERATIONS

BUILT TO CONNECT. DESIGNED TO PROTECT. MADE TO ENDURE.



A resilient, encrypted network layer that empowers secure data, voice, and mission services across any environment.

WHAT IS DARKNET?

ONE NETWORK LAYER. EVERY MISSION. ANY ENVIRONMENT.

DARKNET delivers secure, scalable connectivity that links people, platforms, and data across distributed environments. It provides the reliable transport layer for mission-critical communications and data services, anytime, anywhere.

CONNECT

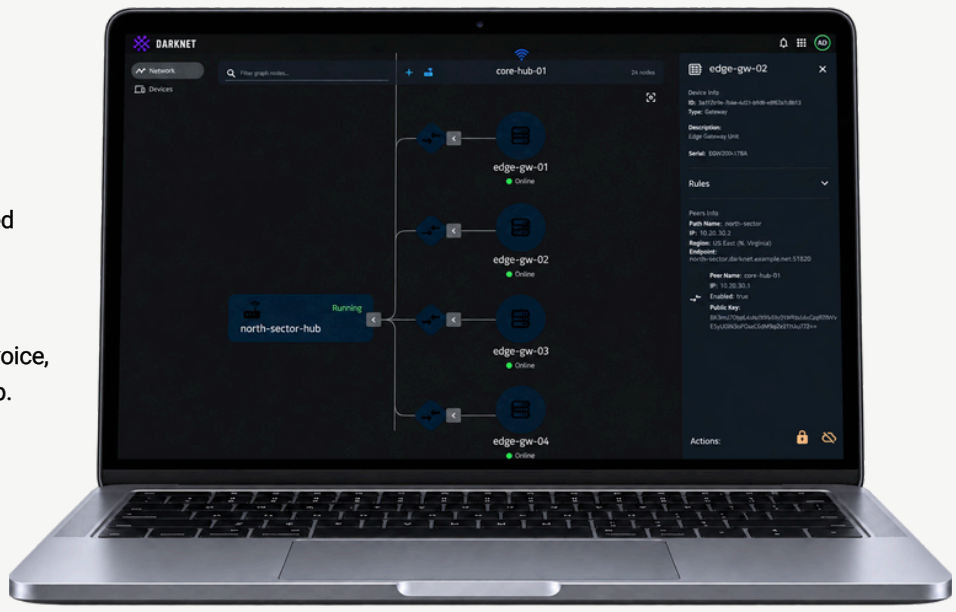
Establish secure, resilient connections across distributed environments.

PROTECT

Encrypt and safeguard data, voice, and services across every hop.

ENABLE

Deliver reliable network services that empower the mission.



NETWORKING AT A GLANCE

SECURE BY DESIGN

End-to-end encryption and zero trust architecture protect every connection.

DISTRIBUTED & RESILIENT

Multi-path routing and self-healing mesh topology ensure connectivity in contested environments.

ADAPTIVE & SCALABLE

Dynamically adapts to bandwidth, conditions, and mission needs at any scale.

BUILT FOR THE MISSION

01 SECURE CONNECTIVITY

Provide trusted connections for people, platforms, and data across any domain.

02 MISSION RESILIENCE

Maintain communications through jamming, outages, and degraded network conditions.

03 DATA & SERVICE TRANSPORT

Deliver voice, video, and data services reliably across the DARKNET layer.

04 INTEROPERABLE BY DESIGN

Seamlessly integrates with existing systems, apps, and partner infrastructure.

PART OF THE KERNOS MISSION PLATFORM

ATLAS · THEIA · K-CHAT · KLOUD · DEMISE · ARGUS · **DARKNET** · NEXUS

ONE PLATFORM. ALL CAPABILITIES.

KERNOS
ONE PLATFORM.
TOTAL MISSION AWARENESS.

The unified C6ISR platform connecting data, sensors, communications, intelligence, and mission operations from enterprise to tactical edge.

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VALLEY IT SOLUTIONS