



# Network Management Simplified

Wireless SD-WAN with Security & Cloud

**kognitive**  
NETWORKS

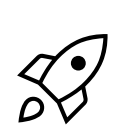
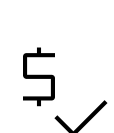
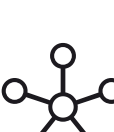


# Kognitive Networks brings the Future into Focus

Kognitive Networks’ SaaS platform manages and secures mission critical connectivity — leveraging 5G and next-gen satellites — for businesses with distributed, mobile, and remote operations

Our **software router** is compatible with third-party hardware platforms, making it applicable across a wide range of industries and use cases - from maritime and aviation to restaurants, retail chains, and beyond. Paired with our **cloud-native management platform**, it integrates network selection, monitoring, management, and security into a software layer that is affordable and easy to use for businesses with limited IT resources

Unlike complex legacy systems reliant on proprietary hardware and locked into specific network providers, we deliver **plug-and-play simplicity** and affordability for mission critical connectivity—always, anywhere.

- |                                                                                     |                                                  |                                                                                       |                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|  | Cloud Managed<br>Unified Networking and Security |  | Fast Deployment of Wireless Tech<br>Starlink, 5G, OneWeb, and more |
|  | Multi-Tenant, Multi-Site<br>Fleet Management     |  | Additional Revenue Opportunities<br>Reduced Operating Costs        |
|  | Resilient Connectivity<br>Wireless Aware SD-WAN  |  | Optimized SD-WAN Fabric<br>Secures Enterprise Data                 |



Connect:

 [sales@kognitive.net](mailto:sales@kognitive.net)

 1-800-453-1324

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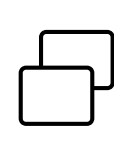
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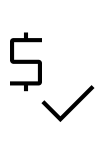
As the premier technology partner for businesses that need seamless connectivity, robust security, and efficient management for mobile and fixed locations, Kognitive Networks provides network management solutions that help leaders maximize the potential of the next generation of terrestrial and satellite wireless networks.

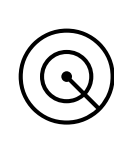
Our software-defined network management platform enhances your network capabilities and fortifies cybersecurity measures, paving the way for a more connected, secure, and profitable digital future.

 Cloud Managed  
Unified Networking and Security

 Fast Deployment of Wireless Tech  
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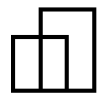
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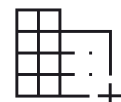


# Intelligent Management to Transform and Simplify your Networks



## Software Defined

The Kognitive Edge ecosystem allows an enterprise to deploy Edge/SD-WAN software on any hardware – Native, Virtual Machine, or Containerized.



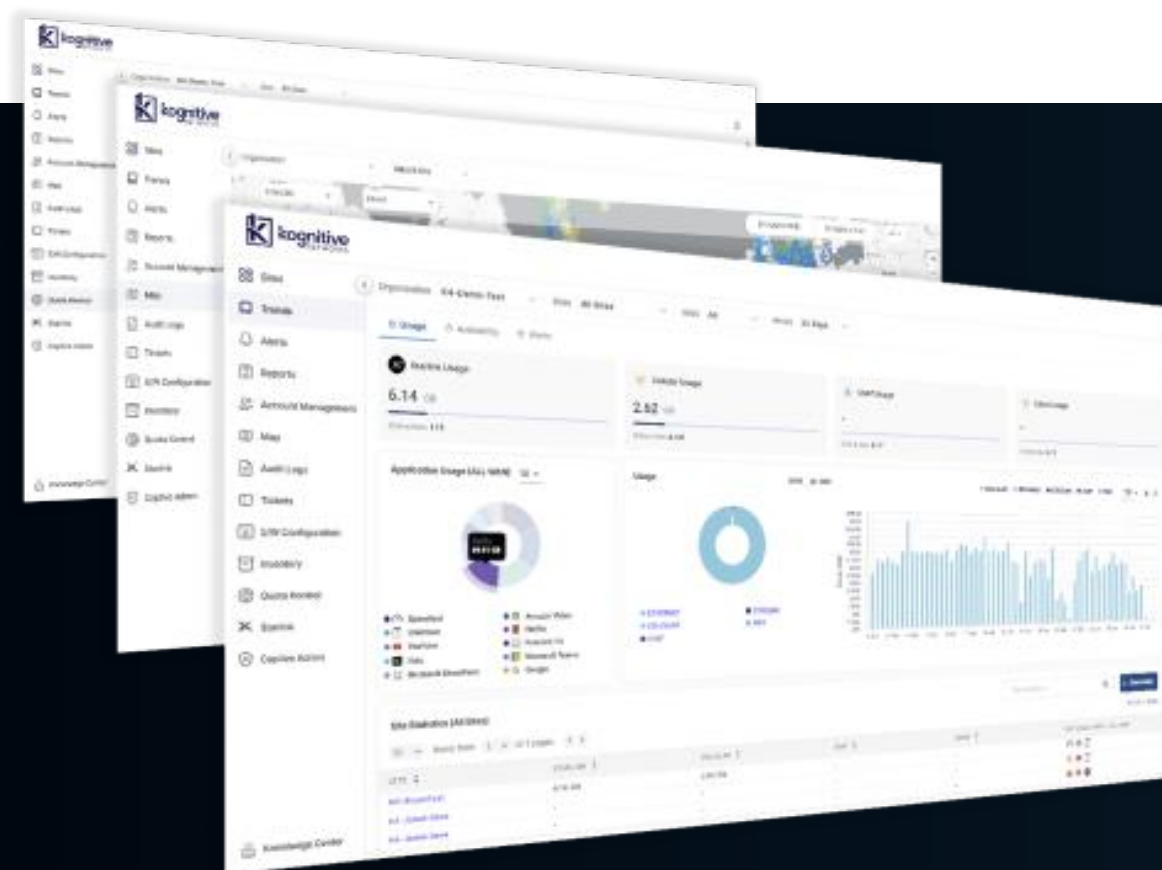
## Scalable Architecture

Cloud-hosted management ensures efficient operations for today's growing enterprise and hybrid/remote workforce, with flexible routing and network fabric to fit any enterprise.



## A Secure Enterprise

Embracing Zero Trust Network Access (ZTNA) principles, we secure your network with Unified Threat Management at the Edge and in the Cloud.



## Kognitive Edge Features



### WAN Failover and Bonding

Superior capabilities to maintain continuous network connectivity



### Simplified Secure Access

Automated remote access with connection sharing



### Performance Monitoring

Provides real-time insights into network health, traffic patterns, and device performance



### Intelligent Orchestration

Simplifies hybrid IT/Operations with a powerful user interface



### Flexible Network Policies

Driven by business objectives, implement user/group security and traffic policies



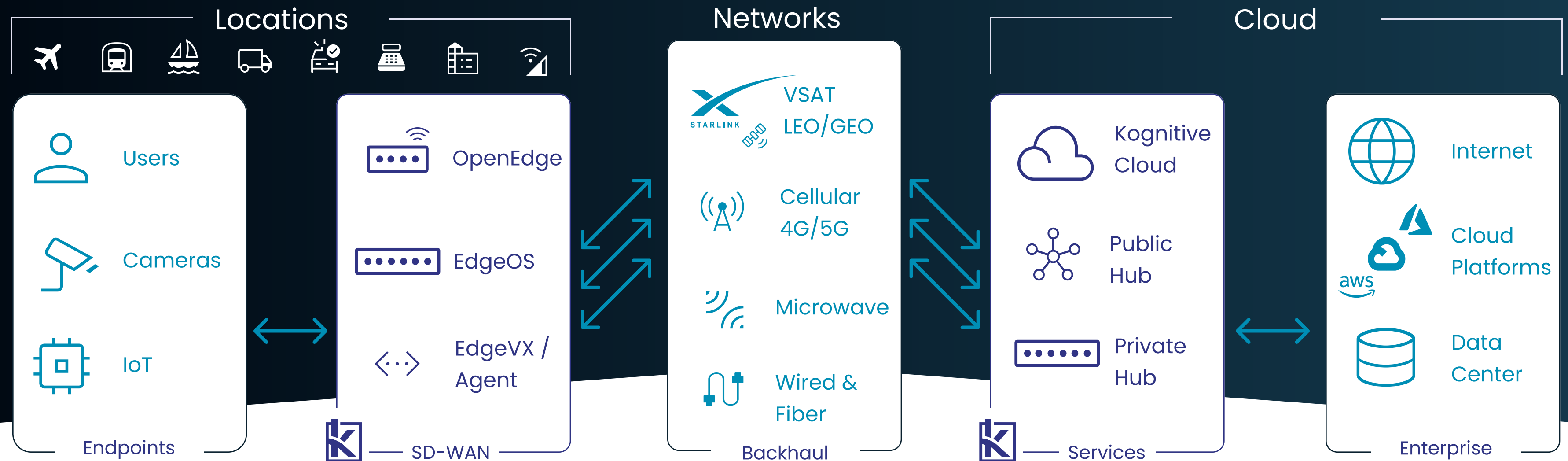
### Unified Firewall & DPI Engine

Implement threat management at the edge and cloud

## From the Edge to the Cloud



# Universal Solutions for Diverse Industries



**Flexible Deployment Options** physical appliance, virtual, containerized, cloud

**High Throughput and Reliability** bandwidth bonding, intelligent switching

**Wireless Aware** traffic shaping, quota enforcement, performance enhanced

**Industry Specific** network topologies, captive portal, security

**Secure Networking** multipath-vpn, role based access, firewall

**True Multi-Tenancy** organization, group policy, configuration management

**Cloud Managed** mobile app, sharable remote access, dashboards and reports

**Globally Distributed** bonded links, hubs - public or private points of presence

## Technical Capabilities

# A Single Vendor for Secure Networking

### Connectivity

#### SD-WAN with Multi-WAN Bonding

Aggregate satellite, cellular, and terrestrial networks seamlessly

#### Advanced Wireless Support

Dedicated Control Interfaces for LEO (Starlink), VSAT, LTE/5G

#### Multi-Path Kognitive VPN (MPK-VPN)

Hub-And-Spoke/Edge architecture for global Points of Presence (PoPs)

#### VPN & Routing

Wireguard Server/Client, IPSec Client; DNS Proxy, Static & Dynamic\* Routes

#### Legacy System Support

VOIP integration; SMTP Read functionality for monitoring and analytics

### Remote Access

#### Konnect™ Technology

Secure, one-click remote access to any connected physical system

#### Zero-Touch Installations

Cloud-based inventory, configuration management and schedule updates

#### High Availability & Redundancy

Redundant single-site Edge system deployment for fast failover

### Scalability

#### Multi-Tenancy & White Label Solutions

Secure organizational hierarchy; Branded touchpoints and documentation

### Edge Solutions

#### Multi-WAN Edge Routers

Turnkey hardware for x86 and ARM; Virtual instances to run anywhere

#### Hardware Agnostic Agents

Add cloud management to existing systems and embedded hardware

#### 5G Modem

Modular, add to any system; Certified on Verizon, T-Mobile, ATT

### Security

#### Next-Generation Firewall (NGFW) with DPI

Inspect data and patterns to block/allow traffic, send alerts

#### Role-Based Access Controls

ZTNA with complex organizational Identity Access Management (IAM)

#### Content Filtering

Block unauthorized or malicious content, IPs, domains, applications

#### Intrusion Protection System (IPS)

Real-time quarantine and notifications with refined Cisco Talos Rulesets

#### Interactive Threats Dashboard

Threat analysis with actions and rule automation

### Network Optimization

#### Adaptive Quality of Service (QoS)

WAN specific data integrity for video calls , streaming, large file transfers

#### Quality of Experience (QoE)\*

Application-based scoring by category: streaming, gaming, teleconference

#### Performance Enhancing Proxy (PEP)

Optimizes and stabilizes throughput on high-latency and intermittent links

### Management

#### Kognitive Cloud Portal & Mobile App

Real-time and historical analytics, with mapping and data visualization

#### Kontrol - Group Policy

Usage/Quota, Threats, Geofencing, Experience - QoS automation

#### Starlink Cloud

Dedicated management portal for Starlink, no SD-WAN required

#### Captive Portal

Custom plans, usage monitors, service automation, and integrated paywall

\* Upcoming features

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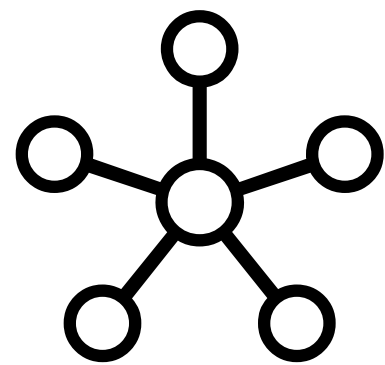
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# Kognitive Partnership – Total Control

Industry leaders across sectors trust Kognitive Networks for tailored and turnkey solutions geared toward rapid deployment and robust connectivity in challenging environments.

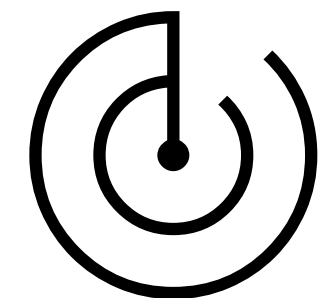
Leverage our complete network management platform to grow your brand and business efficiently, with customizations to solve your most difficult networking challenges.



Connectivity



Security



Visibility

## Schedule a demo today!

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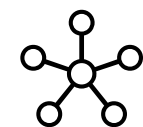
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## Connectivity

### Software-Defined Networking (SDN)

Native transports: Starlink, Ku/Ka/LBAND, 5G with tunneling, public and private WAN

### PoP-VPN

Country-specific Internet or secure, regional drop-off for all/select traffic

### Advanced Bonding

Bond multiple internet links for faster speed and increased reliability



## Security

### IAM

Identity and Access Management with multi-factor authentication

### ZTNA

Zero-Trust Network Access management and multi-factor authentication

### UTM

Unified threat management firewall, deep packet inspection, content filtering



## Visibility

### Cloud Management

Detailed analytics and control of all network nodes from a single pane of glass with Kognitive Cloud™

### Remote Access

Secure, remote troubleshooting of any edge site/vessel with a click of a button using Kognitive Konnect™

### IoT Telemetry

Security connects sensors, cameras, and devices to your enterprise cloud

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