ATOMNIA®
Connected Cyber Resilience

VENA or VECTA

One intelligent edge device enables your chosen OMNIA components



Secure by design | One box simplicity | Always-on resilience | Built to scale

01 | THE CHALLENGE

Too many devices. Too much complexity.



- Multiple appliances per site
- High cost and power usage
- Fragmented management
- Limited resilience
- Complex upgrades

Complex. Costly. Inefficient. It's time for a smarter edge.

02 | THE SOLUTION

One smart edge.
Less hardware. More possibilities.



Run the OMNIA services you choose as segmented virtual functions on one platform

One platform | Secure by design | Built to scale

03 | WHAT IT DELIVERS

One edge. Multiple OMNIA capabilities.

SD-WAN	Connection to SASE gateways	Data Encryption	Edge Firewall
Zero Trust Remote access	Secure IoT	Optional Wi-Fi & 4G	Access to Cloud & SaaS

04 | BUSINESS IMPACT

Real-world impact. Measurable results.

Simplify the edge	Lower Costs	Ready for Growth	Always-on Resilience	As-a-Service Flexibility
Replace sprawl with a single intelligent platform	Reduce CAPEX and OPEX with one box efficiency	Scale services and performance as your business evolves	High availability keeps you connected & secure	Consume the services you need when you need them

05 | HOW IT WORKS

Intelligent connectivity. Built-in simplicity.

Connect	Virtualise	Protect	Manage	Scale
Plug-in. Any network. Anywhere.	Run the services you chose as virtual functions	Secure by design. Threats blocked. Data Protected	Centralised visibility and control	Add sites and services without disruption

Connect · Virtualise · Protect = The Smart OMNIA Edge

06 | KEY FEATURES

Enterprise-grade desktop or rackmount versions.

- ✓ All-in-one hardware device enabling OMNIA SD-WAN, security and encryption services
- ✓ Consolidates multiple network appliances into one intelligent device, supporting up to 1Gbps throughput
- ✓ Supports multi-WAN connectivity : from 3 - 4 (VENA) up to 14 connections (VECTA)
- ✓ High availability configuration and resilient failover capability
- ✓ 12V DC power input supports deployment in remote environments and backup-power configurations

Resilient · Secure · Simplicity in ONE Edge Device

07 | IDEAL FOR

Designed for organisations that demand more.

SMEs	Multi-site Enterprises	Cloud-first businesses
Hybrid & Remote Workforces	Data Centres & Hubs	IoT & OT Environments

08 | WHY ATOMNIA



The only company globally with 2 x double-accredited SD-WAN Subject Matter Experts

ATOMNIA-developed pure-play packet-based SD-WAN

EU SEAL-3 sovereign technology with global design, integration, deployment, management & 24/7/365 support

Flexible solution & terms, eliminates lock-ins

Multi-award-winners for Defence projects START2Def 2026 & CAP4Land 2026

09 | LET'S CONNECT

Are you ready to consolidate your edge and strengthen cyber resilience?

Talk to our expert team about your **OMNIA** solution

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ATOMNIA®

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