



GREATER SECURITY. BETTER THROUGHPUT.

Pendragon™ is an SD-WAN-enabled, LEO-ready Next Generation Cyber Security and bandwidth management platform utilizing AI to monitor, command, and protect network throughput in real time.



TAKE TOTAL CONTROL OF YOUR NETWORK

- Operates across terrestrial and space-based single, multi-use, and hybrid networks to provide fully transparent, real-time deep network inspection and segmentation that identifies, classifies, and inventories all connected users and devices to ensure total control of who is permitted on your network and what they can do.
- Ensures cybersecurity risks are being appropriately identified, addressed, and remediated with minimal action requirements.

MAKE INFORMED DECISIONS WITH REAL-TIME DATA

- Discovers managed and unmanaged devices connecting to your heterogeneous network infrastructure and auto-classifies them using a multi-dimensional technology to identify device function, type, operating system (including version), vendor, and model.
- Utilizes passive and active monitoring techniques to provide unparalleled real-time traffic flow visibility and allow granular prioritization by network, user, or device.

KEEP YOUR NETWORK SECURE

With Pendragon, now you can:

- Gain **NETWORK ACCESS CONTROL (NAC)** through real-time, deep-network inspection and segmentation.
- Take **COMMAND OF THROUGHPUT FLOW** by understanding current and historic network utilization through intelligent on-demand control and machine learning.
- Implement **NEXT GENERATION CYBER SECURITY** through Pendragon's application-aware detection and intrusion prevention system designed to detect, log, and stop malicious attacks in real-time.

- Pendragon operates as a network-agnostic device that can be integrated and scaled from a local network controller to a full SD-WAN solution.
- Deploying Pendragon gives you the ability to detect imminent attacks and implement device identity, traffic visibility, context-aware security policies, and dynamic network segmentation to stop them as devices move and networks change.
- With Pendragon, you are now empowered with total network visibility through an intuitive, easy-to-use hardware interface, giving you the ability to understand and command your local network throughput and security for the very first time.

Pendragon 1U

FEATURES	TECHNICAL SPECIFICATIONS	
CPU	AMD Epyc 3251 Processor 2.5 - 3.1 GHz 8 Cores / 16 Threads 55W TDP, 16MB L3 Cache	
Memory	64 GB ECC DDR4 Supports ECC RDIMM/LRDIMM 4 x DDR4-2666MHz DIMM Slots 4-channel	
Video	Aspeed AST2500 BMC	
Storage Technology	2X 2TB 2.5 SSD Hard drives Supports 4 x SATA3 6.0Gb/s Ports M.2: PCI-E 3.0 x4	
Connectivity	4 x Intel i350-AM4 GbE LAN 1 x Realtek RTL8211E PHY Dedicated IPMI WAN Expansion Slot: 4 x RJ45 Intel i350 Gigabit Ethernet Adapter	
Front Panel I/O	5 x Status LED (Power, HDD, LAN) 1 x Reset Button 1 x Power Button	5 x Status LED (Power, HDD, LAN) 1 x Reset Button 1 x Power Button
Power Supply	200W AC-DC Power Supply with PFC AC-Input: 100-240V, 50-60Hz, 2.6 Amp Max +5V: 8.0 Amp (Max)	+5V standby: 2.0 Amp (Max) +12V: 16 Amp (Max) -12V: 0.5 Amp (Max) +3.3V: 8.0 Amp (Max)
Case Dimensions	17.2" x 9.8" x 1.7" (in inches) 437 x 249 x 43mm	
Fan Support	Supports 3 x 40x28mm PWM Ball Bearing Case Fans	
Environmental Operating Temperature	10°C to 40°C (32°F to 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) In/Non-operating Humidity: 5% to 90%, non-condensing	

Learn more at <https://pendragon.technology>

Working around the world, around the clock, to connect the planet

Pendragon is developed and supported by Isotropic™, a global provider of satellite Internet services and network management solutions.

Isotropic is a hybrid satellite communications and software development company. We provide our clients with the highest levels of service: solving complex problems utilizing the latest technologies and proactively providing sui generis solutions that have pushed satellite communications forward for 30 years.

We provide **SPEED** of implementation and service, **COVERAGE** focused on satellite while linking networks, and real-time **INTELLIGENCE** and next generation cybersecurity platforms enabling total command of your throughput.

Contact us at sales@pendragon.technology for more information or to schedule a demonstration of Pendragon.