

Product Datasheet



The Conductor

Instant orchestration for highly available, radically secure, and remarkably simple overlay networks.

Provision Unbreakable Network Overlays in Minutes

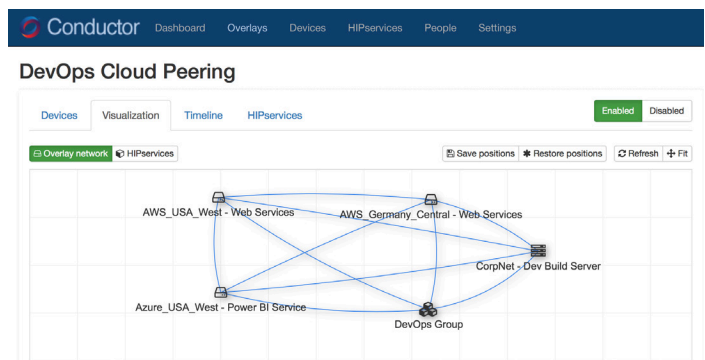
Securely network anything, anywhere, across any LAN, WAN, Internet or cloud environment 97% faster, with greater security, and predictability than previously imaginable. End-to-end or peer-to-peer encrypted networking, even for traditionally non-routable endpoints, is now possible and can be done in as little as three simple steps.

Now, network, security, and DevOps teams can experience a greater than 50% increase in productivity because of the Conductor's one-click provisioning, moves, failover, and revocation capabilities.

Whether it's a hub-and-spoke or a highly distributed mesh, creating a secure overlay network that can overcome any network barrier or border is simple to provision and de-provision. And, with its intuitive and scalable policy orchestration capabilities, the process is fast, auditable, and predictable.

Define Cryptographic Micro-Perimeters Across Borders

Within the IDN Fabric, the security and networking perimeter moves from the edge to the hosts, creating cloaked micro-perimeters that can span any network boundary. Any connected thing, whether it's a client, server, virtual machine, cloud instance, or IoT device can be instantly protected & connected within the IDN fabric. Only hosts that you explicitly authorize are allowed to join the fabric, creating a unified, elastic, and mobile architecture of host-to-host or device-to-device encrypted network overlays. Even non-routable devices can be securely networked end-to-end with policy that can't be violated.



1. Create an overlay by selecting the trusted devices you want as members

Trust	Device name	IP address	MAC address	HIPservice
<input checked="" type="checkbox"/>	AWS_Germany_Central - Web Services	192.168.125.10	08:00:27:25:94:e0	AWS_Germany_Central HIPswitch
<input checked="" type="checkbox"/>	AWS_USA_West - Web Services	192.168.150.10	08:00:27:59:f2:cc	AWS_USA_West HIPswitch
<input checked="" type="checkbox"/>	Azure_USA_West - Power BI Service	192.168.200.10	08:00:27:00:e8:95	Azure_USA_West HIPswitch
<input checked="" type="checkbox"/>	CorpNet - Dev Build Server	10.0.2.17	52:d4:bb:c0:00:00	CorpNet - Dev Build Server
<input checked="" type="checkbox"/>	DevOps Group			
<input type="checkbox"/>	DevOps_John - MAC HIPclient	192.168.56.114	04:c0:bb:c0:00:00	DevOps_John - MAC HIPclient
<input type="checkbox"/>	DevOps_Nancy - MAC HIPclient	10.0.2.16	e5:b3:cc:d9:00:c4	DevOps_Nancy - MAC HIPclient

2. The result is a private, encrypted overlay that is only accessible by verifiable machines

Features and Benefits

- Deploy and activate an instant overlay network in minutes with no changes to underlay network
- Add, disable, and revoke any device in one click for fast provisioning and remediation
- Eliminate the cost, complexity, and exposure of FWs/VPNs with three-click LAN and WAN micro-segmentation
- Reduce the number of attack vectors and methods like IP spoofing with device cloaking via verifiable machine identity for access enforcement
- Keep workgroup resources cloaked and micro-segmented
- Limit access to only allow authenticated, authorized, and accountable machines

PHYSICAL AND POWER SPECIFICATIONS

Ethernet Ports	6 x GbE on RJ-45 ports, auto MDI/MDIX 2 x GbE on SFP sockets
Front Expansion Bays	1 bay for Expansion Module
Rear Expansion Bays	1 x PCIe x8
Controls	1 Multi-Purpose Button 4 Push-buttons on Front Panel Control & Display Unit
Displays	1 Power LED 1 Status LED 1 2-line x 20-character LCD on front panel
Power Input	100-240VAC @ 50-60Hz
Power Consumption	360W Max
Storage Temp Range	-20° to 70° C (-4° to 158° F)
Operating Temp Range	-0° to 40° C (32° to 104° F)
Operating Humidity	5% to 90% non-condensing
Enclosure	Rack mount, 1U
Dimensions	438mm W x 321mm D x 44mm H (17.24" W x 12.7" D x 1.74" H)
Weight	6 kg (13.3.lbs.)

REGULATORY APPROVALS

EMI	FCC Part 15, CISPR (EN55022) class A IC ICES-003
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Safety	UL 60950-1, CSA-C22.2 No. 60950-1
Hazardous Substances	RoHS compliant