

Product Datasheet

HIPclient

Zero Trust Identity Defined Networking (IDN) for Windows and Mac

IDN Overview

IDN eliminates the complexity, cost, and exposure of traditional IP networks. With IDN, our customers accelerate resource provisioning and eliminate the network attack surface by enabling peer-to-peer, zero trust overlay networks that are remarkably simple to deploy and maintain.

All devices in an IDN overlay transparently authenticate and authorize network connections before data transport, making the network invisible and inaccessible by any unauthorized devices. Segmentation is made simple, and administrators can easily connect, encrypt, failover, and disconnect device communications across any network without disrupting or changing existing infrastructure.

-  **50% Lower CapEx and OpEx**
-  **97% Faster Resource Provisioning Time**
-  **90% Reduced Attack Surface**

HIPclient

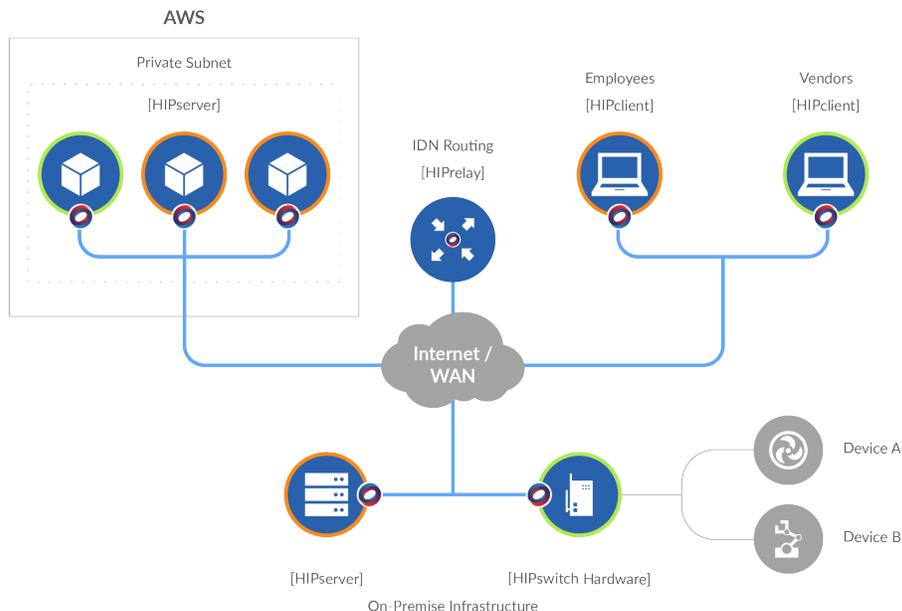
The HIPclient is a software-defined enforcement point that acts as an overlay gateway for laptops, tablets, and smartphones, making end-user connectivity and segmentation simple across any private and public networks. Unlike traditional VPNs, the HIPclient requires little to no change to existing infrastructure or complex management of certificates, ACLs, or IPsec tunnels.

Providing clients with specific access to only authorized devices, not just networks, gives you micro-segmented control that can be provisioned and revoke instantly. Our customers can now rapidly join end users to a private, cloaked, and segmented overlay network in minutes, while controlling traffic down to every machine or host. This makes it simple and cost-effective to securely connect users directly to resources on the network, across separate LAN/WAN environments.

FEATURES	BENEFITS
Zero Trust Policy Enforcement	The HIPclient enforces whitelist policy for trusted and protected client devices in the IDN overlay making it simple to connect and protect any IP-enabled device. Adding, moving, and revoking device access is instant.
Plug and Play Deployment	Provisioning the HIPclient takes less than a minute, requires little to no changes to existing infrastructure, and can be deployed instantly using the HIP Invite function.
Software Defined Perimeter	As a software defined endpoint, the HIPclient becomes both the network boundary and security perimeter for a client, eliminating complex and often incomplete security controls of traditional VPN solutions.
Multi-Factor Authentication (MFA)	All client network connections are transparently authenticated and authorized before data transport providing device-level verification. Combined with the HIPclient's user authentication, MFA is made simple.
Universal Connectivity and Peer-to-Peer Encryption	IDN delivers private wide-area overlay networks that makes it simple to connect privately-addressed devices on separate Layer 2 and Layer 3 networks. AES-256 encryption for all sessions is on by default.
Network Resiliency and Availability	Traffic flows between distributed HIP Services can easily be moved instantly without disrupting application sessions to enable fast and predictable failover, disaster recovery, and quarantine.
Private Workgroups	Secure peer-to-peer overlay networks ensure accessibility and privacy from anywhere between clients and resources.
Autonomous Operation	Ensuring the highest level of security, HIPclient policy is managed only by Conductor with no local administration and does not need to persist to Conductor allowing for autonomous and continuous operation.

Deployment

- The HIPclient delivers simple policy enforcement within a common networking and security architecture that spans cloud, on-premises, and remote environments
- Simplify your network. Organizations use IDN for secure peer-to-peer connectivity and segmentation that traverses existing switching and routing infrastructure across all LAN, WAN, and Internet environments
- Central policy orchestration is non-persistent, so all enforcement points can run autonomously for superior network resiliency and availability
- Simple and cost-effective to acquire, deploy, and maintain to save time, money, and personnel resources.



PRODUCT	OS	SUPPORTED VERSIONS
HIPCLIENT	Windows	Windows 7/8/10 (32/64-bit)
	Mac	OS 10.1 and Above*
	iOS	iOS 10.3 and Above*

“I built a private, segmented overlay network with the HIPclient and HIPserver for our Board of Directors in under 10 minutes. With peer-to-peer device authentication and encryption, Board members now have simple and direct access to the server that’s securely accessible from anywhere in the world. The security context end enforcement never changes – whether they’re coming from the Internet or on our LAN.” ”

IT Director,
Fortune 100 Manufacturing Company

Value Licensing

- Uniform software pricing regardless of platform or environment creates predictability
- No-charge software portability delivers agility to adapt to changing requirements
- HIPswitch throughput ‘bursting’ without penalty eliminates surprise costs
- High Availability: No charge for HA software subscriptions

Summary

IDN enables borderless, zero trust overlay networks with point-and-click simplicity. It’s now simple to create segmented and private networks spanning on-premises, remote, and cloud environments, with granular access control for each connected resource. With IDN’s unique overlay technology, our customers can start small and quickly scale and automate their segmentation architecture, without having to change their existing networking infrastructure. The results? Provision, segment, and revoke endpoints 97% faster than alternatives, while reducing the attack surface by up to 90%. With simple segmentation, built-in peer-to-peer encryption, cloaking, and universal connectivity and mobility, IDN delivers a more resilient, flexible, and extremely secure architecture.



Contact us at sales@temperednetworks.com to learn more.