

CORPORATE OVERVIEW

Dispersive™ offers future-ready, ultra-secure and high-performance virtual networking for enterprises and service providers.

Our patent protected software defined approach significantly enhances network security, reliability and performance across all devices and cloud architecture from HQ to branches, laptops, tablets, mobile, and IoT devices. We serve the most mission critical markets in the world with fully programmable secure virtual networking solutions.

A unique multi-cloud and multi-path network technology. Our Innovative Approach.

Our virtual networking solution is comprised of software components that channelize, route and accelerate application data to significantly enhance the user application experience with amazing security and simplified access:

- Typically 2-10x faster than VPNs (WAN Acceleration)
- Defends against MITM, DoS, DDoS, and BGP attacks
- Significant economic benefits over MPLS and SD-WAN with better QoS (OpEx and CapEx Savings)
- Meets Zero Trust Network Architecture and SASE requirements
- Deployable in uCPE, NFV, bare metal and container-based micro-services

Beyond SD-WAN: Faster, More Secure and Resilient

A DVN deployment is composed of three fundamental components: end point clients/gateways, strategically placed deflects, controller and orchestrator.

Our radically different approach to networking provides a foundation for digital transformation across industry verticals.

Industry: Information Technology & Services

Headquarters: Alpharetta, Georgia

Ownership: Privately Held

Founded: 2010

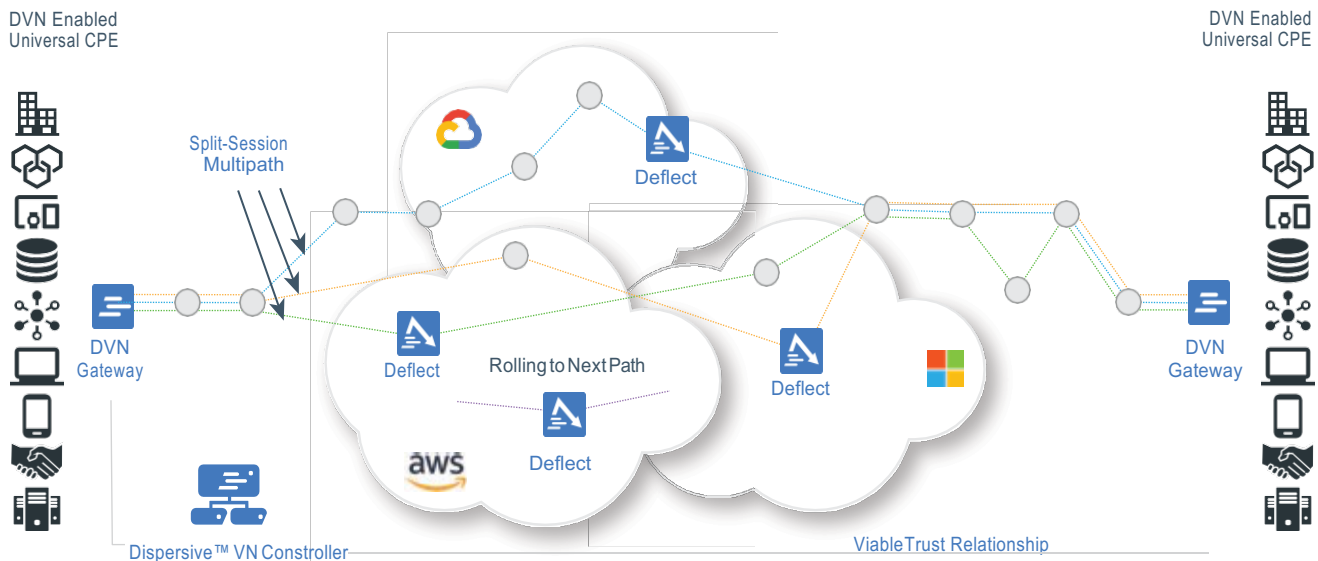
US Patents: 37 granted with 8 pending

Ecosystem: Unity

Specialties: Secure Virtual Networking, Digital Transformation, Cloud Edge, Mission Critical, Cloud Services, Cybersecurity, Programmable Networking, Software Defined Networking, Telecommunications, Virtualized Networks, ZTNA and SD-WAN

The Dispersive™ Virtual Network (DVN) Operates Securely Over Any Combination of Cloud, Physical and Mobile Networks, Edge Devices while enhancing and securing the applications and services running over them.

Multi-Path / Multi-Cloud Approach



Dispersive™ offers something more advanced than SD-WAN to get you ahead of digital transformation and ready for the network of the future.

Feature	VPN	SD-WAN	DVN	Dispersive Advantage
Centralized Network Control and Policy Management	●	●	●	
Rate Limiting Control	✗	●	●	
Rate Smoothing (Voice/Video)	✗	●	●	
Application Payload Dispersion at a Packet Level	✗	✗	●	Nearly impossible for an adversary to intercept and replicate sensitive communications
Performance Acceleration (Up to 10X over Traditional SD-WAN VPN)	✗	✗	●	Network and applications perform faster using switching algorithms and protocol acceleration
Common Edge Software Across Branch, Mobile Workforce, IoT, Cloud	✗	✗	●	One of the only solutions that universally supports branch, mobile device, IoT and uCPE
Resiliency	✗	●	●	Dynamic multi-path channel-rolling enables real-time defense to impairments and attacks
Bandwidth Aggregation and Scalability	✗	●	●	Leveraging up to 6 aggregated edge, packet-level, load balanced connections
Dynamic Path Switching	✗	●	●	Self-healing, path-switched diversity across the core and edge
Packet-level Load Balancing	✗	●	●	Dispersed packet-level, load balanced connections provides smoother application performance
Data, Control Plane and Channel Encryption	✗	●	●	Payload, channel encryption with full system obfuscation
System Obfuscation	✗	✗	●	Ability to hide the control plane and VMs that operate network
Service and Channel Micro-Segmentation	✗	✗	●	Services are split into channels then micro-segmented with individually encrypted paths
Endpoint Authentication	●	✗	●	Enables authentication while maintaining end-point non-attribution.
Enhanced Security	✗	✗	●	Hide end points and system, minimize payload attack surface, defend against attacks
Identity Management Integration	✗	●	●	Ability to leverage identity management to manage access to network and services
Zero Trust Network Access	✗	●	●	Micro-segmented access security to IP address, port and protocol

KEY: ✗ NO FUNCTIONALITY ● AVERAGE ● EXCELLENT

It's Faster
Your Data Gets from Point A to Point B Faster.

- All traffic is divided into separate, **independent packet streams** that are each **sent simultaneously** across different **micro-segmented, individually encrypted paths** across the internet from authenticated sources to destinations.
- If congestion or an attack anomaly is encountered the encrypted **data packet rolls** to a new unimpeded path to **optimize your connectivity**.
- The Dispersive™ Virtual Network (DVN) ensures **guaranteed packet delivery** with improved service experience.

More Secure
Protecting Your Network.

- Improved network security while replacing a MPLS network with **Internet and broadband connections that extend to any IP connected device**.
- The Dispersive™ Virtual Network (DVN) distributes traffic across **dynamically changing pathways to avoid DoS, DDoS, and Man-in-the-middle attacks**.

More Reliable
Get Your Packets Delivered!

- All services are **segmented, monitored and managed independently**.
- **QOS** is applied to each service to insure **critical traffic** is treated with **highest priority**.
- **Path diversity** is provided with **multiple cloud and network partners** options to create core/carrier diversity.