Ultra-Secure Networking You Can Trust

Networking Needs a New Approach: *Going Way Beyond SD-WAN*

Conventional networks are not designed to handle the explosion in remote locations, increased security risks, ever-expanding mobile usership, and countless edge devices. As a result, more and more network experiences are seeing slower throughput, increased delays, greater security threats and disgruntled customers and employees. Not to mention that traditional SD-WAN cannot address critical communication.

The limitations of traditional networking are forcing companies to make a difficult choice: Performance or Security?

Now you can have both without compromising.

**Dispersive™ Virtual Network (DVN) enables order-of-magnitude improvements in network speed, security and reliability even for the most mission-critical communications.** Dispersive™ Virtual Network also:

- Improves your network connections without the need to rip and replace what you already have
- Gives your users and ecosystem partners the speed, security and reliability they need — no matter where they work, no matter what device they use
- Enhances the performance of Internet protocols while outperforming expensive private networks, easing management duties, and lowering costs.

Our Innovative Approach

Dispersive™ Virtual Network is changing the networking paradigm. Standard approaches to networking all have one crucial flaw in common: they all use a single path to transfer data. To avoid this single point of compromise and congestion, the Dispersive™ Virtual Network does things differently...

**Dispersive™ Virtual Network is a multi-path, software-defined networking (SDN) overlay solution that:**

- Maximizes bandwidth utilization
- Increases security
- Enhances performance
- Increases reliability

Dispersive™ Virtual Network comprises military-grade software and subsystems that use our patented networking technology to protect data transmission, improve performance, and guarantee integrity of data in transit.

To sum it all up, the Dispersive™ Virtual Network comprises software components that collaborate and route traffic to maximize bandwidth utilization and increase reliability and security.

“Dispersive was able to offer us a radically different managed network solution that ensures both security and mission-critical availability.”

David DeVore, Information Systems Manager at Yuba Water Agency
Benefits to Dispersive™
Virtual Network Innovations

Enhanced Performance
Dispersive™ Virtual Network divides your traffic into separate, independent packet streams, then sends each stream across a different, individually encrypted path.

Increased Security
Dispersive™ Virtual Network distributes traffic across multiple changing pathways to avoid DoS, DDoS, and Man-in-the-middle attacks. Each packet stream is encrypted with a different AES-GCM-256 key.

Maximum Bandwidth
Dispersive™ Virtual Network creates one large, logical pipe that aggregates and utilizes all your connections: broadband, MPLS, LTE, Wi-Fi, etc. This enables you to maximize your bandwidth utilization across all connections.

Reliability You Can Trust
Dispersive™ Virtual Network dynamically rolls streams over to new paths when a degraded path is detected to optimize your connectivity.

Multi-Cloud Approach

Changing the Networking Paradigm

It's Faster
Dispersive™ Virtual Network moves data up to 10 times faster than alternative solutions by sending it over multiple independent paths and rolling away from congested pathways.

It's More Secure
Path selection changes continuously and message encryption varies from path to path during sessions. So, it’s virtually impossible for man-in-the-middle attackers to know which routes you are using or how to reassemble your communications.

It's More Reliable
Dispersive™ Virtual Network continuously monitors the health and performance of every path so it can roll traffic to new paths before something goes wrong. This helps your data bypass bottlenecks and avoid link failures.

It Even Leverages Your Existing Investments
Dispersive™ Virtual Network software works on off-the-shelf hardware and aggregates all your wired, wireless or satellite internet connections. Dispersive™ Virtual Network creates one logical, virtualized pipe that makes all your bandwidth available to every session.