Solution Overview

Ultra-Secure Networking You Can Trust

Military-grade Security to combat Nation-State Threats

64% of businesses suspect they've been targeted or impacted by nation state attacks and 63% doubt they'd ever know if their organization was hacked *(Venafi Research, 2022)*. Conventional networks are not designed to handle the explosion in remote locations, increased security risks, ever-expanding mobile users, and countless edge devices.

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

Now you can have both without compromising.

Dispersive enables order-of-magnitude improvements in network speed, security and reliability even for the most mission-critical communications. Dispersive 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 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, Dispersive does things differently...

Dispersive Multicloud Optimized security offers:

- Stealth Networking
- VPN Replacement
- Secure Remote Access
- Network and Firewall Consolidation

The DispersiveCloud™ SaaS offering enables site - site, cloud to edge, multi cloud, remote access or IoT connectivity using our patented networking technology to protect data transmission, improve performance, and guarantee the integrity of data in transit.

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

"DispersiveCloud is a powerful, military-grade communications security solution that will make our cloud data repositories far safer than those locations where REITs and banks have traditionally housed their information,"

Jeff Smith, CEO of MarketMaker CRE, a first-of-its-kind confidential commercial real estate and banking platform launching in 2023.

Benefits to Dispersive Innovations

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

Increased Security
Dispersive 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 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 dynamically rolls streams over to new paths when a degraded path is detected to optimize your connectivity.

Multi-Cloud Approach
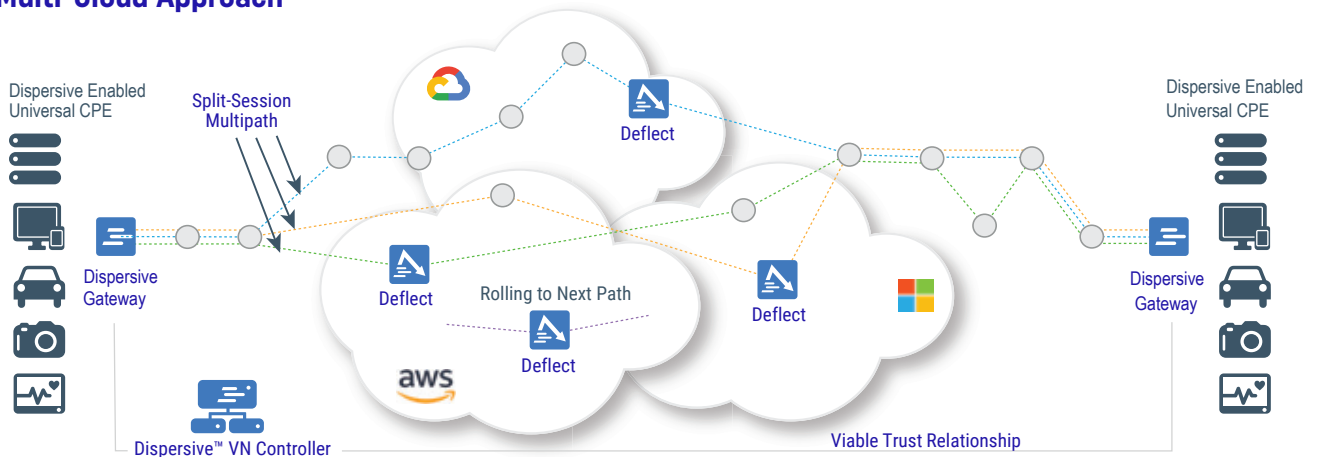
Changing the Networking Paradigm

It's Faster
Dispersive 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 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 software works on off -the-shelf hardware and aggregates all your wired, wireless or satellite internet connections. Dispersive creates one logical, virtualized pipe that makes all your bandwidth available to every session.

dispersive

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