

# Dispersive Stealth Networking

Safeguarding Mission-Critical Environments with Zero-Trust, Resilient Networking

## THE DISPERSIVE PLATFORM DELIVERS

- Stealth Networking
- Zero Trust Network Access
- CloudWAN and Edge
- AI Isolation and Protection
- Cyber Physical (OT/IoT) Protection
- Managed Attribution
- SD-WAN
- Secure Enclaves

*"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,  
MarketMaker CRE



## Preemptive Cyber Defense Security to Combat Nation-State Threats

In 2025, more than 56% of organizations experienced VPN related attacks. Conventional networks and VPN protocols are not designed to handle the explosion in remote locations, increased security risks, ever-expanding mobile users, and countless edge devices.

### Traditional Multi-Function Firewall and Network Limitations

The limitations of traditional networking is forcing companies to make a difficult choice: performance or security?

### Performance and Security Combined

Dispersive provides both performance and security without compromise. Dispersive enables organizations to achieve up to 10x improvements in network speed, up to 20% improvement in latency, and enhanced security and reliability even for the most mission-critical communications.

## Our Innovative Zero Trust Approach

Dispersive is changing the networking paradigm. Standard approaches to networking 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.

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

### Faster

Dispersive moves data up to 10x faster than alternative solutions by sending it over multiple independent paths and rolling away from congested pathways.

### Stealthy and 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.

### 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.

### Leverage Existing Investments

Dispersive's 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.

## Benefits of Dispersive

### Outcomes

Dispersive Stealth Networking has been rigorously field-tested and proven to enhance network security and anonymity.

### Reduced Attack Surface

Significantly reduces the attack surface through obscuring network infrastructure, endpoints and communication paths.

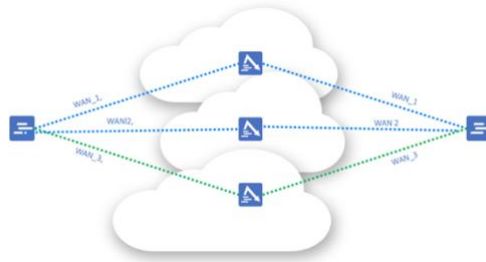
### Enhanced Anonymity

Provides a high degree of anonymity, making it extremely difficult to trace communication paths.

### Improved LPI/LPD

Minimizes the risk of interception and detection through advanced and constantly morphing network cloaking techniques.

Dispersive Platform's Stealth Networking capability and deflection cloud autonomously morph, obfuscate and optimize network traffic to maximize bandwidth utilization and increase reliability and security.



Dispersive's Secure Multi-Path Optimization

### 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.

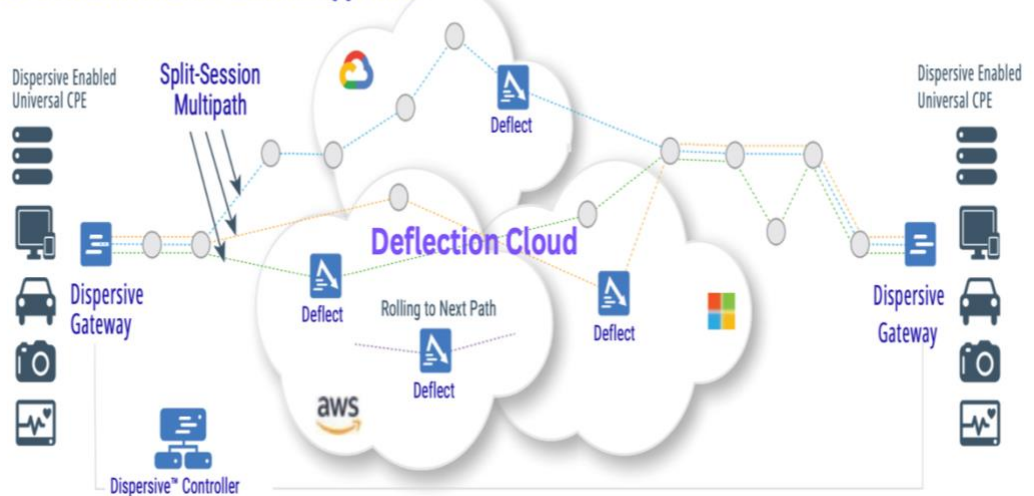
### Maximized and Improved Bandwidth

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.

### Improved Resilience and Reliability

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

## Zero Trust Network Platform Approach



At Dispersive, we believe that security should be invisible, effortless, and uncompromising. Our mission is to empower organizations with nation-state-proof networking that is faster, smarter, and more resilient – so they can operate with confidence in an unpredictable world. We deliver more than security – we drive real business outcomes. Validated by U.S. Special Forces and the intelligence community, Dispersive is the go-to solution for critical industries and organizations that require both cutting-edge security and high-performance networking.