Dispersive's Stealth Networking Technology

2-3 minutes ⋮ 7/10/2023

Dispersive’s Stealth Networking delivers unparalleled security, reliability, and performance across all networks. Inspired by battlefield-proven techniques, our software creates virtual active/active multipath mesh networks with rolling encryption keys and granular access controls, capable of obfuscating control elements and securing data in transit against nation-state threat actors and supply chain attacks.

DispersiveFabric, a software-defined overlay network, leverages a microservices architecture and can be deployed on physical network devices, in containers, or as virtual appliances. We maximize bandwidth by aggregating all available connections and dispersing application traffic across encrypted channels.

Our technology offers up to a 10x performance improvement over SD-WAN and VPN-based solutions. We monitor every connection and adapt in real-time to changing conditions such as DoS, DDoS, and man-in-the-middle attacks. Dispersive’s solutions guarantee packet delivery, dynamically deflect packets away from degrading paths or threats, ensuring QoS levels by reducing overall latency and packet loss.

Dispersive Stealth Networking is not only resilient and robust, but also designed to be future-proof. We support partner integrations via a REST API and are committed to expanding our AIOps, containerization, and IoT capabilities. This partner-integrated approach allows us to offer a wider range of services and continue providing cutting-edge technology solutions.

Our technology solutions are designed for ease of use. Whether it’s our hosted solution DispersiveCloud or DispersiveFabric for larger, more complex environments, our solutions are easy to deploy and manage.

Real-time and dynamic condition analysis using AI autonomously re-arranges traffic flow to manipulate the attack surface during cyberattacks. Additionally, the AI network morphing is continuously adapting to changing network conditions to not only react to network degradation but to enhance performance.