

# CONNECT THE SPOTS WISELY

Even though SD-WAN solves some hybrid WAN shortcomings, big time problems still remain.

Many enterprises rely on hybrid WANs to connect offices, ecosystem partners, data centers and other edge locations.

Now, a “new” technology promises to make the WAN dynamic even better: software-defined WAN, or SD-WAN.

SD-WAN may be a step up, but it still relies on inefficiencies that compromise WAN security and performance. These include policy-based routing and the use of legacy VPNs to connect edge locations.

The solution to these problems is not another WAN. It's the Dispersive™ Virtualized Network.

## Maximize our network's power

The Dispersive™ Edge Switch enables your enterprise to leverage the full speed, security and reliability of the Dispersive™ Virtualized Network.

This software-defined, Layer 2 switch connects all your edge locations to each other and to your cloud services, providing optimal performance.

And it does so with a combination of advantages you won't find in typical SD-WAN solutions.

## Zero-touch provisioning

We can either ship you a pre-configured virtual appliance that you just plug into your VM environment, or we can install Dispersive™ Edge Switch software on commodity hardware and ship it directly to the edge location.

There's no time wasted configuring systems one at a time, no risk of errors due to manual intervention. You simply plug our switch into the WAN connections at your location and it's automatically authenticated and provisioned. The device also authorizes the services to which you granted it access on the centralized controller.

And there are three different switches from which to choose, depending on your link speed and the number of devices used concurrently at any given edge location.

## Better alternative to PBR

Another drawback to SD-WANs is policy-based routing (PBR).

Your network administrators must establish routing policies. High priority traffic is usually sent to high-bandwidth links, and low-priority traffic goes to slower links.

PBR is incredibly time-consuming. It requires programming routing behaviors based on extremely complicated provisioning rules for every single service on your network. Even with all that, congestion problems can occur when one line is bottlenecked while the other has no traffic.

The Dispersive™ Edge Switch eliminates PBR problems. It dynamically aggregates all your available WAN connections into one high-availability link.

And with its built-in Layer 2 discoverability, the switch selects the fastest, most reliable paths between locations.

The switch greatly simplifies IP address management for hybrid networks while optimizing bandwidth utilization for enhanced performance.

## Easier administration

Hybrid WANs are notoriously cumbersome to manage. According to a Gartner report, enterprises continue to wrestle with the inordinate amount of time needed to manage WAN configurations at a branch office. The research showed that a whopping 30% of WAN costs are tied up in just operating the network.

With the Dispersive™ Edge Switch, you can monitor and manage your entire WAN from one central location.

## No more legacy networks

SD-WANs typically rely on legacy VPNs to connect edge locations.

This poses some serious risks. VPN is a single-path technology that creates an attack surface at each location. Hackers love having all those opportunities to breach your network.

And since VPNs perform poorly as latency increases, your users are going to be less than happy.

The Dispersive™ Edge Switch eliminates the need for legacy networks. It moves data faster, more securely and more reliably than possible with VPNs.

## In short

The Dispersive™ VN provides a combination of performance and security features unmatched by any SD-WAN, much less a hybrid version or VPN.

Zero-touch provisioning. No need for policy-based routing. No reliance on VPNs.

It's a software-defined network that improves the speed, security and reliability of your enterprise communications.

And it all begins with the Dispersive™ Edge Switch.

Let's talk.

**1-844-403-5850**

[www.dispersivetechologies.com](http://www.dispersivetechologies.com)