

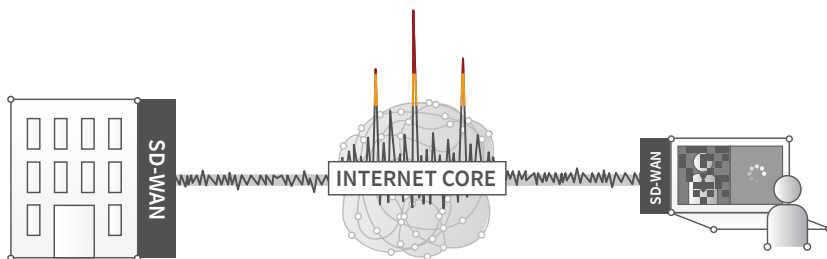
## Simplify the Reliability of Your SD-WAN

### MODE KEEPS YOUR BUSINESS ALWAYS-ON

Mode simplifies reliable WAN for cloud-era businesses. Mode SD-CORE is a private global network as a service that enhances the value of any SD-WAN with flexible, reliable, and affordable end-to-end connectivity.

### The Internet Core Puts Your Business at Risk

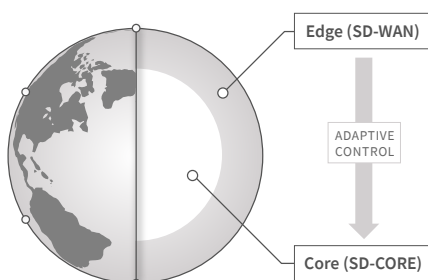
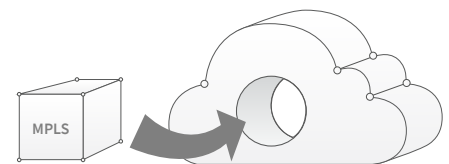
We've all been there. Dropped packets. Jitter. Service interruptions. They're behind nearly every VoIP or video conference gone terribly wrong. Every frustrated employee who can't reach vital applications and data when they're in the office or on the road.



As good as SD-WAN is, it still relies on the Internet for long-haul traffic. And the Internet Core is unpredictable, at best. In fact, studies have shown that over 99.5% of long-haul response variance happens there.

### The Challenge of Reliable WAN

Deploying and operating a reliable WAN for mission-critical business applications has always been a big headache, even bigger in the cloud era. Options were limited to expensive, rigid, cloud-unfriendly solutions like MPLS. No longer.



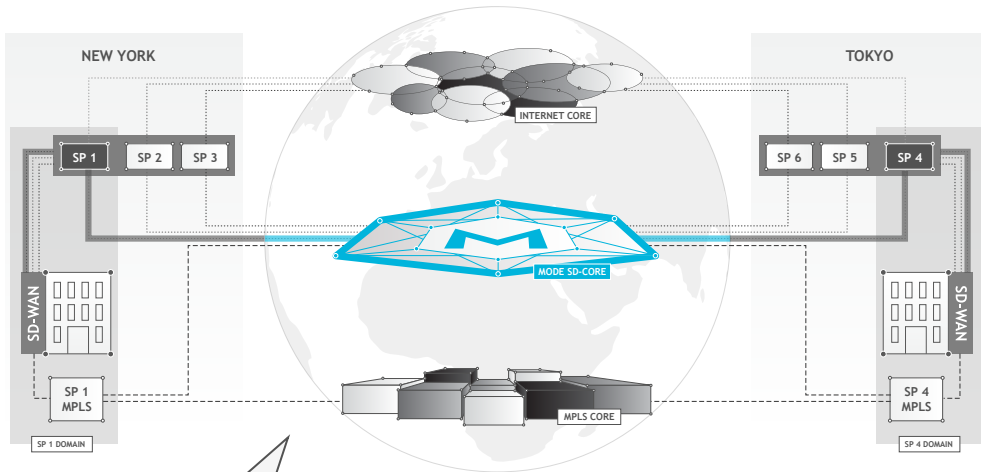
### Extend the Benefits of SD-WAN to the Core

What if you could take the software-defined benefits of SD-WAN and extend them through the core of a global backbone?

This software-defined core (SD-CORE) would be a perfect complement to any SD-WAN. One setting on your SD-WAN would extend its edge control to a high-availability private core network as a service. The challenge of delivering reliable WAN would be a thing of the past. Mode SD-CORE is this network.

## Keep Your Business Always-On with Mode SD-CORE

Mode SD-CORE is a private global network as a service that brings cloud service flexibility, MPLS reliability and QoS, and Internet affordability to your WAN.



### Reliable

Mode SD-CORE makes it easy to deliver predictable, high-availability SLA-backed QoS performance. On-site and remote employees immediately benefit from reliable, always-on unified communications, VoIP, cloud services and platforms, and site-to-site and data center access.

### Flexible

No CPE is required. One-step SD-WAN configuration gives your business instant, reliable WAN. End-to-end encrypted traffic is directed to a nearby Mode SD-CORE PoP, and securely routed over a Perfectly Controlled™ private global backbone to its destination.

It's easy to spin up a global private network in under 60 seconds, even creating separate networks for each application.

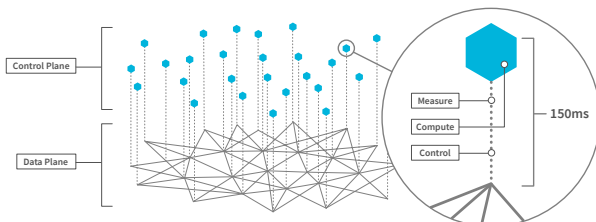
Mode SD-CORE extends the edge transparency of any SD-WAN across the core of the entire network.

### Affordable

Mode SD-CORE supports the safe, phased transition from MPLS to a QoS Network with business-internet affordability. Even a small transition from MPLS can pay for an entire SD-WAN implementation.

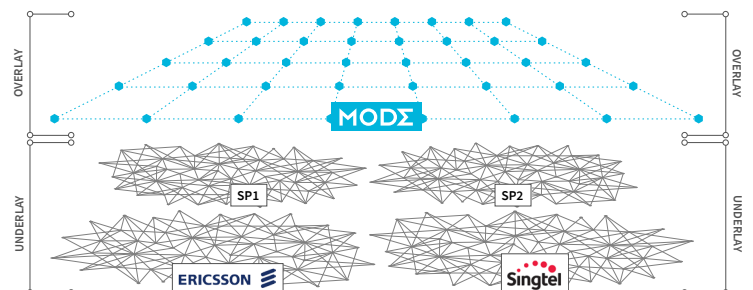
## Perfect Network Control™

Mode's Perfect Network Control™ triples network utilization, and enables a unique mix of flexibility, reliability, and affordability. The **Mode HALO** control algorithm is based on the founders' breakthrough contribution to computer science — deriving the dynamical system equations that define all packet-switched networks, for the first time.



## Trusted IP Underlays

Mode HALO runs on virtual routers hosted among globally distributed private data centers. This Perfect Network Control™ overlay stitches together underlay networks from Ericsson, Singtel, and other market-leading service providers into a single, global Mode SD-CORE Fabric. This enables Mode to support an unlimited number of tenant-specific private global networks.



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## About Mode

Mode is backed by Google Ventures, New Enterprise Associates, and the National Science Foundation. For more information about Mode SD-CORE, contact [sales@mode.net](mailto:sales@mode.net) or visit [www.mode.net](http://www.mode.net).

