SOLVING NETWORK ISSUES WITH SD-WAN

A TIP SHEET FROM ECESSA

When applied to a network, an SD-WAN solution can address a number of networking problems that may be troubling an organization. Let's take a closer look at some of those problems, and explore how SD-WAN can solve them.

Network Outage

Network outages happen. Accidents, natural disasters, construction mishaps, infrastructure failures, security attacks and human errors occur everyday, and they can do a number on a small business. Every business has a downtime cost—that's how much money you lose per minute if your network goes down. You may have learned this the hard way, losing money during an outage that hit your business during peak hours. If you've experienced this, then you intimately understand the cost of downtime and the benefit of failover. Failover is outage insurance, and it's a key feature of Ecessa's SD-WAN solutions.

Not Enough Bandwidth

Maybe you've grown a lot this year, adding new customers, new employees and a ton of new data into your network. Maybe you've moved operations into cloud-based applications, and/or migrated to a workplace chat system. Whatever the cause may be, as your business grows, so must your bandwidth. If you (or worse, your customers) are feeling the impact, it's time to upgrade your network with an SD-WAN solution.

MPLS Replacement

Is your organization looking to augment or replace your MPLS solution? Because it is software based, SD-WAN works as a virtual overlay on top of your current network, making deployment and configuration quick and easy, even across large geographic distances. Compared to many current MPLS architectures, an SD-WAN solution can optimize performance and speed, reduce costs, decrease network failures and increase security and network visibility.

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Slow Applications

Bandwidth issues manifest as many annoying problems, one of which is poor cloud-based application performance. Increasingly, business operations and communications live in cloud-based applications, or depend on other off-site servers to be productive. These applications become increasingly vital to a business as it grows and its network becomes less centralized and more virtualized. As your business catches up to the latest and greatest in cloud computing, your network must catch up too.

How can you keep up? Intelligent load balancing. Load balancing is an algorithmic traffic conductor for your information highway—making real-time prioritization decisions about what information goes where, when and how. Intelligent load balancing can do wonders to alleviate network congestion, and you can find it throughout Ecessa's suite of SD-WAN solutions.

Ecessa's Approach

Ecessa takes a progressive approach to SD-WAN. By offering a scalable range of both physical and virtual solutions, Ecessa allows customers of all sizes and industries to adopt SD-WAN at their own pace. This provides every business—at every evolutionary stage and IT budget—with a smart, sustainable path forward toward a wider, more perfect network.

GOOD

Ecessa Edge®

- Low-cost session load balancing (active/active use of all bandwidth)
- Automatic failover and failback
- Quality of Service (QoS) engine for application optimization, VoIP included
- Performance monitoring and reporting
- Access to cloud management tools

BETTER

PowerLink®

- All the features of Edge
- Native VPN support and Next Generation Firewall with UTM features
- Authoritative DNS for fast inbound failover and failback
- Throughput up to 20Gbps
- Integrate up to 25 redundant WAN links

BEST

WANworX®

- All the features of PowerLink
- Never Down® network connectivity for critical infrastructure
- Full packet-level duplication and aggregation routing options, never drop a VoIP call
- Easily support mesh networks
- Available in virtual instances (KVM, VMware, Azure, AWS)

Contact Ecessa today to learn more about our SD-WAN solutions.

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