

# AireSpring Global Managed SD-WAN Benefits for Technology Companies

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Technology companies must ensure workflow processes run efficiently for remote workers, partners and customers. Everything from product development, to the ordering system and product shipment, needs to be controlled, monitored, and managed. They rely upon business applications and on-demand services from SAP, Office 365, Oracle, Salesforce, AWS, Azure, Google and others, where workflow cannot be interrupted. Technology companies must have clear network visibility, to manage on-premises, multi-cloud and SaaS applications. If the WAN has an outage, or becomes slow and unresponsive, so, too, will the business.

In order to remain competitive, these companies need to lower costs, while increasing efficiencies. For decades, MPLS circuits have supported their applications and services. However, they are now replacing or augmenting MPLS to lower costs and simplify deployments for new offices and their distribution supply chains. While supporting diverse IT environments, they require expanded bandwidth, and ensured security, reliability and performance.

AireSpring Global Managed SD-WAN overcomes WAN infrastructure limitations by being transport-agnostic. SD-WAN supports a mix of any type of network circuit, like DIA Internet, public Internet, 4G/LTE, satellite, MPLS, and others. This flexibility enables media and entertainment companies to achieve the right-size and type of network for their diverse connectivity needs.

AireSpring Global Managed SD-WAN can significantly lower costs and enable the agility these industries need, through diverse circuit options, and an architecture that supports any IT infrastructure, including multi-cloud, SaaS and on-premises. Our SD-WAN cost-effectively aggregates multiple diverse networks into a virtual WAN that continuously adapts to traffic, based upon the availability and real-time quality of the network paths. This supports greater traffic volumes, and ensures applications run smoothly, without being adversely affected by underlying network issues.

# Global Managed SD-WAN Benefits for Technology Companies



## Managed SD-WAN

AireSpring Global Managed SD-WAN includes industry-leading VMware SD-WAN, our carrier-grade Global Private Network (GPN) with distributed PoPs, and last mile circuit procurement, all monitored and supported, through our global NOCs. And everything is included within a single contract, and one simple bill.

### Simplified WAN deployment, monitoring and management

AireSpring provides fast, scalable, and reliable, global connectivity, for on-premises and public/private multi-cloud application performance. Our centralized management and control use simple, template-driven workflows that eliminate tedious, error-prone configurations. Our cloud-based SD-WAN makes it easy to add new remote offices and connect directly to cloud services, with zero-touch deployment.

### Deep end-to-end network control

AireSpring Global Managed SD-WAN embeds application intelligence, enabling deep packet inspection by the network, beyond source and destination. It understands the application requirements and the context associated with the applications, and delivers fast, reliable and secure application delivery, regardless of network conditions.

### Flexible WAN circuits for cost-effective application performance and reliability

AireSpring reduces bandwidth costs, by aggregating multiple connections of any type, like Broadband, DIA Internet, MPLS, wireless 4G, etc. Leveraging all available bandwidth, and automatically adapting to network conditions, AireSpring directs traffic to the best path at any moment in time. This increases application reliability, and provides a quality user experience.

### Single-vendor managed service gives you the control without the headaches

AireSpring enables hospitality companies to support more traffic and ensure applications run smoothly, without being adversely affected by underlying network issues. Our managed service

enables IT to spend less time dealing with networks complexities, and have more time and focus applied to business applications and services.

### Hypersonic 2ms hitless failover/failback

AireSpring's fast and reliable failover/failback ensures that VOIP, video, stateful protocols and all applications have zero impact or knowledge of failure.

### IP Mobility

AireSpring-assigned public Internet IPs are delivered to a port on the back of the SD-WAN box to your firewall or other Internet facing device and are "sticky" to the SD-WAN box—the IP doesn't change even if front-end carriers and circuits change, and the box works across the globe.

### US and Global ¾ Protection

The ability to take traffic based on application, protocol, port or network & prefix to send it in-tunnel using SD-WAN to an AireSpring gateway in our data center, improving traffic and mitigating packet loss, jitter and out-of-order packets. This increases overall experience 10x better than raw Internet and flexibly allows customers to enhance (at least "3/4") any Internet bound traffic to any destination. This feature comes in 2 offerings:

**1. 3/4 protection domestic** – Sends traffic from the SD-WAN edge to AireSpring's SD-WAN gateway in market (nearest PoP) then onward to the Internet from our highly peered data centers worldwide.

**2. 3/4 protection backhaul** – Traffic can be backhauled from any customer SD-WAN

enabled site into AireSpring's SD-WAN Global Private Network (GPN) with 0% packet loss, 0% jitter and 0% out-of-sequence packets and exit via any other market (USA, customer site or international market of choice), delivering consistent Quality of Service (QoS).

### VMware Edge Network Intelligence

VMware Edge Network Intelligence (ENI) natively integrates with VMware SD-WAN and is an excellent tool for organizations to deepen their understanding of their network architecture at the SD-WAN edge point and to become more familiar with their data flow. ENI is a highly secure, machine learning (ML) analytics engine, and artificial intelligence IT operations (AIOps) solution developed to identify, monitor, and diagnose problems with devices connected to the enterprise edge.

### Premium Internet Access China (PIAC)

Premium Internet Access for China (PIAC) is a premium internet service for mainland China that provides optimal internet access to global resources such as Office 365, Salesforce, G-suite, and other cloud-based apps and ERP systems. PIAC includes an SD-WAN edge appliance by VMware and the AireSpring Global Private Network.

### Security

Fortinet FortiGate firewalls are purpose-built with security processors to enable the industry's best threat protection and performance for SSL-encrypted traffic. By providing granular visibility of applications, users, and IOT devices, these appliances are designed to identify issues quickly and intuitively.



*AireSpring has received numerous industry awards for "Product of the Year," "Best Telecom Deal," "Members Choice Top Reseller," "Best in Show," and "Top Channel Program."*

Ready to find out more? Contact us at 888-389-2899,  
email [sales@airespringGlobal.com](mailto:sales@airespringGlobal.com), or visit our website at [airespringGlobal.com](http://airespringGlobal.com)