

A man in a white lab coat and safety glasses is working in a factory. He is holding a tablet in his left hand and pointing at a control panel with his right hand. The control panel has several buttons and a small screen. The background shows industrial machinery and a bright, well-lit factory floor.

AireSpring Global Managed SD-WAN Benefits for Manufacturers

Manufacturing facilities can be located globally, with corporate offices and distributed manufacturing facilities, branch offices and regional data centers. While network quality varies from one location to another, operations in remote or rural areas present the greatest challenge. With manufacturing processes dependent upon critical ERP systems, manufacturers can't afford a slow or unreliable WAN, that leads to downtime and inevitably, loss of user productivity and revenue.

Manufacturers face increasing global supply chain complexities, technologies like IoT, artificial intelligence, real-time production line monitoring systems, and tech-savvy competition. Today's Internet-connected world places greater pressure on traditional remote sites with traditional WANs that can't keep up with cloud and mobile technologies. They lack reliable cloud access, agile and responsive connectivity, and cost-effective bandwidth.

Using converged voice and data applications to communicate internally, and with customers and suppliers, requires reliable network connectivity. AireSpring Global Managed SD-WAN makes applications run faster, safer, and more reliably. We deliver a quality user experience for all applications.

Global Managed SD-WAN Benefits for Manufacturing firms



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, or visit our website at airespringGlobal.com