AireSpring Managed SD-WAN Solutions

Optimize your connectivity with network-based, software-defined wide area networks

AireSpring Offers Multiple, Best-of Breed SD-WAN Solutions

AireSpring Cato SD-WAN
Cato SD-WAN provides secure, resilient connectivity solutions for cloud, offices, branches and datacenters; replacing expensive legacy options.

AireSpring's Platinum Solution - VMware® VeloCloud SD-WAN
A best-of-breed solution, VMware® VeloCloud SD-WAN is the market leader when it comes to mission-critical SD-WAN features and functionality.

AireSpring Fortinet® Secure SD-WAN with Firewall
Fortinet's Secure SD-WAN consolidates robust networking, routing, and security capabilities in a single appliance which includes a Next Generation Firewall (NGFW).

AireSpring Cisco® Meraki® SD-WAN with Firewall
An economical solution that provides standard SD-WAN functionality and includes an integrated next-generation firewall to help protect your business from external threats.

All AireSpring Managed SD-WAN solutions provide easy-to-deploy options, including complete solutions engineering design and consulting to guide you in choosing the right SD-WAN for your organization. Our Certified expert service delivery team provides dedicated project management and white-glove implementation and support from our in-house technology experts. These innovative and customizable packages help companies optimize their communications networks by leveraging advanced SD-WAN features and functionality together with AireSpring's nationwide, reliable, and diversified network and professional services. We help ensure that your custom policies are accommodated. Each SD-WAN appliance arrives on-premises preconfigured to meet your unique specifications, eliminating the need for expert IT staff to install, configure and manage the device.

AireSpring eliminates the guess work of SD-WAN greenfield deployments and migrations. With AireSpring´s Tier 3 Engineering, enterprises get complete End-to-End Managed SD-WAN services from Day 0 **AIreDESIGN**, to Day1 **AIreDEPLOY**, through Day 2 on-going tier 3 engineering **AIrePOD** support. Additionally, AireSpring's proprietary **AIreCONTROL** IT Service Management Platform gives 360 degree visibilty and control of your SD-WAN network in single-pane of glass view.

AireSpring SD-WAN Benefits

Expand Your Bandwidth
SD-WAN can enhance your internet connection by using low cost, public broadband or internet connectivity to expand your bandwidth with active/active routing.

Scale and Grow with Ease
Accommodate and respond to rapid business growth by quickly deploying new branches or connecting remote locations to your central headquarters bypassing the longer installation times of traditional WAN solutions such as MPLS. Your AireSpring SD-WAN network can easily overlay SASE secure solutions when you are ready.

Reduce Branch Costs
SD-WAN's centralized, cloud-based software reduces the cost of provisioning, maintenance and local network staff, and simplifies branch-office networking.

Simplify WAN Management with AIreCONTROL
AIreCONTROL, AireSpring's Proprietary AI-powered cloud-based IT Service Management (ITSM) Platform, gives you comprehensive centralized network management and performance control of your SD-WAN infrastructure.

Key Features & Functionalities	Benefits	VMware VeloCloud	Fortinet	Cisco-Meraki	Cato
AireSpring White Glove SD-WAN Professional Services	• Includes implementation design and engineering. • We will design (pre-sales), deploy (provisioning) and support (customer service/NOC) your SD-WAN solution at no additional cost. Plus we provide branch deployment support via pre-configuration of SD-WAN edge boxes.	✓	✓	✓	✓
Free Network Monitoring 24/7/365	• 24/7/365 real-time monitoring by the AireSpring Network Operations Center (NOC), using AIreCONTROL. • Proactive ticket initiation, management and resolution by AireSpring NOC in the event of a network alert.	✓	✓	✓	✓
Free 3rd Party Circuit Support	• AireSpring will proactively open repair tickets on behalf of customers for their non-AireSpring, internet-only circuits. Not offered by many vendors. Only available at a premium cost by the few that do.	✓	✓	✓	✓
Free Read and Write Access	• Read and Write Access to Dashboard/Orchestrator. Provides customers with configuration level capabilities to their SD-WAN environment.	✓	✓	✓	✓ ICB
WAN Failover	• Every Appliance supports multiple WAN uplinks with automatic failover for protection against connection outages. • Optional WA warm spare failover ensures the integrity of service at the appliance level. In the event an appliance goes offlice, a secondary device will automatically take over.	✓	✓	✓	✓
4G/5G Failover Starlink as Connectivity (Individual Case Basis)	• Traffic is automatically redirected to a 4G/5G interface in the event of a connectivity failure. Requires existing or new 4G/5G circuit (sold separately).	✓	✓	✓	✓ ICB
Advanced Threat Protection	• Next-Generation Managed Firewall with UTM features. • Comprehensive, multi-layered security that safeguards your network and data assets against viruses, malware and emerging cyber threats. • Control outbound and inter-network traffic using firewall rules.	✗	✓	✓	✓
Advanced Firewall with DPI-SSL	• SSL deep inspection unlocks encrypted sessions, sees into encrypted packets, finds threats, and blocks them.	✗	✓	✗	✓
IPSec Virtual Private Networking (VPN)	• Provides the ability to quickly interconnect locations over inexpensive broadband circuits.	✓	✓	✓	✓
Traffic Shaping	• Provides the ability to prioritize network traffic so that heavy-use applications or those requiring a significant amount of bandwidth to operate do not impact other users on the network.	✓	✓	✓	✓
Per Flow Load Balancing	• Rule-based per flow load balancing. Packets of the same flow go over the same link.	✓	✓	✓	✓
Priority Routing	• Routes calls and other priority real-time application traffic over cleanest WAN connection to eliminate dropped calls, choppy sound quality and echoes.	✓	✓	✗	✓
Border Gateway Protocol (BGP) and Routing Support	• Full routing support: BGP	✓	✓	✗	✓
Bi-directional Priority Routing	• Application link/route decisions are made at the premises. / TCP Acceleration in CATO PoP.	✓	✓	✗	✓
Mix & match existing or new MPLS with your SD-WAN / Internet or Broadband Circuits	• Mix and match multiple access types to create the optimal solution for your enterprise.	✓	✓	✗	✓
Secure and Private Direct Connection to Most Major Cloud Providers	• Connect privately and securely with full QoS to dozens of cloud providers, hundreds of datacenter providers, and thousands of SaaS providers.	✓	✓	✗	✓
DDoS Mitigation	• DDoS Mitigation – Network level DDoS protection (Volumetric) for all sites	✓	✓	✗	✓
Access to AireSpring Gateway	• Able to connect to the AireSpring Gateway.	✓	✓	✗	✓
Seamless WAN Failover	• Seamless WAN failover.	✓	✗	✗	✓
Per Packet Load Balancing	• Per packet load balancing sends packets in sequence alternately over the links. Load is evenly distributed over the links.	✓	✗	✗	✓
Optimized for Voice Circuits with Real-time Sub-Second Application Failover	• Assures sub-second link failover during blackout conditions.	✓	✗	✗	✓
Forward Error Correction	• Guards against poor internet quality even on a single WAN circuit, ensuring real-time applications such as voice and video are not affected by packet loss, latency and jitter.	✓	✗	✗	✓
Managed Internet Access / Single Ingress IP	• Although disparate internet links cannot guarantee Quality of Service (QoS) into a given premises, decisions can be made from a central anchor point based on utilization about the best link/route for an application flow to use.	✓	✗	✗	✓
Dynamic Path Selection / Bandwidth Aggregation Over Single Link	• The bandwidth of two or more connections is combined to provide a single connection. Traffic path is selected per packet based on loss, latency and jitter.	✓	✗	✗	✓
Tiered Licensing for Sites & Remote Users	• Customers are never forced to license more than what they need.	✓	✗	✗	✓
Maximum WAN Links	• The maximum number of WAN uplinks supported.	3+ (depending on model)	4+ (depending on model)	2	Support 4 internet links + 1 private WAN link (MPLS, etc.)