DATA SHEET

Ipanema SD-WAN from Infovista – Know Your Network

Ipanema SD-WAN from Infovista : A faster path to a smarter hybrid WAN

Digital transformation can only be as successful as your worst user experience. To ensure quality user experiences, your business needs a network that can guarantee seamless performance for your mission critical applications. Ipanema SD-WAN offers a fast, non-disruptive path to a smarter network that can support the digital demands placed on your business.

Ipanema SD-WAN from Infovista combines a suite of sophisticated application intelligence tools to help IT ensure that your network is serving your business goals. No matter how distributed your enterprise, Ipanema SD-WAN enables you to set and maintain application performance according to business goals. Our unique transparent deployment model delivers all the benefit of a smart SD-WAN in as little as two months, without having to reengineer the network.

HOW IT WORKS

Ipanema SD-WAN's flexible deployment model allows the business to migrate to SDWAN at their own pace, while gaining immediate access to the application intelligence features, without disruption to the business. Ipanema SD-WAN features include:

- **Application Intelligence**: Granular Visibility and Control let you guarantee user experience
- **Dynamic WAN Selection**: Automatically selects the best path real-time, regardless of changing network conditions
- **Zone-Based Firewall**: Provides intrinsic security and orchestration policy routing
- **Cloud Applications Database**: Lets you identify thousands of applications on your network - even Shadow IT
- **Cloud Orchestration**: Ensures you always have the most current updates; lets you transform CapEx to OpEx

- **Routing & Centralized Management**: Simplify WAN management and gain complete visibility through one user-friendly portal
- **Enhanced Reporting**: Custom reports, network audit, historic data, real-time at-a-glance status, trending data for resource planning and more

APPLICATION INTELLIGENCE

VISIBILITY, QOE CONTROL AND DYNAMIC WAN SELECTION

You're not getting the true value of SD-WAN if your solution doesn't offer session level application visibility and control. Ipanema SD-WAN lets you control application performance according to business priority. Our self-healing solution uses machine learning to automatically adjust to real-time conditions and prioritize critical traffic regardless of network conditions.

Visibility

- Granular and aggregated data views across business lines, geographies, sites, applications or group of applications.

- Packet Inspection, Application Quality Score and Application Flow Details

Control

- Patented dynamic-bandwidth allocation and queuing algorithms regulate traffic flows over the enterprise WAN to maximize all available link capacity.

- Performance monitoring across the entire enterprise network computes total bandwidth availability and application demand in real time.

- Prioritization based on the nature of applications (real-time, transactional or background); actual bandwidth behavior of the flows (constant, variable, elastic); real-time network conditions.

DWS

- Deep Packet Inspection analyzes traffic up to Layer 7 to identify and classify the patterns of application flows based on application performance objectives.

- DWS considers end-to-end performance metrics such as available bandwidth, delay, jitter and packet loss, beyond the local availability of links.

- Analysis of application usage and bandwidth availability allows Ipanema to select the best path for each flow based on priority

WAN SECURITY

Ipanema SD-WAN offers secure hybrid WAN architecture with dynamic policy-based traffic steering as well as visibility and prioritization. It combines a zone-based firewall and integration with leading Web Secure Gateways.

- Zone-based firewall (ZBF) simplifies hybrid WAN deployments and protects your branch Internet connections from threats

- Customer flows are encrypted (AES 128, 256 or triple des) on IPsec VPN tunnels over direct Internet links, in addition to MPLS or other WAN links.

- Direct-to-Internet rule exceptions can be defined as part of the security and policy strategy of the network, to deny all in/out traffic to traverse the Ipanema appliances toward untrusted WAN interfaces.

- Ipanema SD-WAN security is configured in conjunction with DWS where traffic flows are forwarded over the WAN connection that matches the predefined business intent objective.

RESOURCE OPTIMIZATION

WAN OPTIMIZATION, CLOUD APPLICATIONS DATABASE

Value-added features allow even greater control and management capabilities.

- Deduplication and Redundancy Elimination reduces the amount of data transferred.

- WAN optimization for data centers with several network links provides high availability — allowing IP sessions to go out on one link and come back on another.

- Deep Diagnostic Tools visualize the real-time connectivity status of any paths between sites in the network.

- Cloud Applications Database detects thousands of unknown apps that may be compromising WAN performance and security and compliance. It provides complete visibility into all traffic crossing the network, including on-prem hosted applications, external website and Shadow IT.

ROUTING AND CENTRALIZED MANAGEMENT

Ipanema simplifies network management through a centralized, user-friendly portal, and provides solution flexibility through overlay technology and routing capabilities.

Not only does Ipanema SD-WAN enable a rapid, risk-free path to a full featured SD-WAN solution, our flexible subscription-based price model lets you transform CapEx into OpEx and reduce TCO without having to make any changes to your existing infrastructure or hardware. Extend the value of your legacy equipment and investments by leveraging our transparent hybrid capability, which lets you introduce complete user experience control without having to reconfigure your devices.

Our pricing model has been validated by leading industry analysts as the lowest cost solution package on the market.

About Infovista

Infovista, the leader in modern network performance, provides complete visibility and unprecedented control to deliver brilliant experiences and maximum value with your network and applications. At the core of our approach are data and analytics, to give you real-time insights and make critical business decisions. Infovista offers a comprehensive line of solutions from radio network to enterprise to device throughout the lifecycle of your network. No other provider has this completeness of vision. Network operators worldwide depend on Infovista to deliver on the potential of their networks and applications to exceed user expectations every day. Know your network with Infovista.