

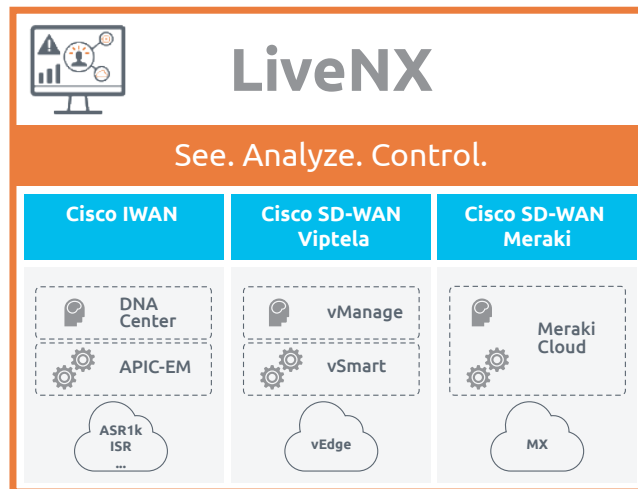
LiveNX: Your Platform for Cisco SD-WAN Visibility

The Pulse

Cisco’s acquisition of Viptela has shifted the focus of delivering cloud-first software-defined networking solutions to their customers. With the vision to deliver intent-based networking – that is, network solutions that conform to what’s important to the business – Cisco SD-WAN (formerly Viptela) accelerates the delivery of that vision to the enterprise.

The Network Lifecycle: Every Step Counts

A solution that supports these essential capabilities can enhance every step of the network lifecycle, prevent productivity- and schedule-killing missteps, and accelerate detection, troubleshooting, and resolution when problems do arise.



LiveNX: Bridging Visibility Silos in your SD-WAN Infrastructure

Value to the Business

Business Intent: Digital transformation is driving higher expectations for network performance that supports business critical applications. LiveNX is built to know application behavior on the network and proactively adjust to enable transformation.

Visual Analytics: An insurance policy for IT Operations, LiveNX with Cisco SD-WAN provides comprehensive coverage of the entire network landscape.

SD-WAN Migration: LiveNX extends unified network performance management across the entire lifecycle of SD-WAN migrations including support for Cisco IWAN and Cisco SD-WAN featuring Viptela, and Cisco Meraki.

Complete Visibility: The hybrid IT landscape today requires end-to-end visibility of all applications, users, and devices. LiveNX provides deep insight and situational awareness of the heterogenous network environment, and puts complete control of policy into the hands of the operator.

Day 0: PLAN

CHALLENGE: Knowing what you need to plan for a new solution isn't easy. Where do all network devices exist? What applications are my business users using, and at what peak times? How much bandwidth is required to prevent the help desk from lighting up?

LIVENX CAPABILITIES:

Network inventory. Automatic device discovery quickly creates an exhaustive inventory of every device and interface in the network.

Network performance baseline. Real-time capture and analysis of line-rate raw flow data simplifies the task of establishing an application and network performance baseline.

Business-critical applications. Real-time visualization of traffic at the application level, as well as summary reports, help to properly define policies that will optimize the performance of each application on the new network.

Day 1: VERIFY

CHALLENGE: What do you need to know for Cisco SD-WAN rollout? Are you migrating from Cisco IWAN? Which applications are taking MPLS vs Internet paths? Can you see and visualize vEdge and ISRs, ASRs, and public or private cloud platforms in one view?

LIVENX CAPABILITIES:

Validate policy intent. Business applications take the paths and traffic prioritization as intended by initial policy configuration.

Monitor application turn-up. Real-time visualization of end-to-end flows quickly identifies performance metrics and highlights routing loops for quick diagnosis and correction. Path change alerts facilitate configuration adjustments.

Traffic classification verification. Real-time visualization also exposes QoS anomalies and service provider traffic classification issues.

Day 2: OPERATE

CHALLENGE: What do you need to reduce MTTR for network operations of a hybrid WAN beyond the vEdge? Can you visualize real-time AND historical traffic? Can you manage application flow and proactively detect anomalies?

LIVENX CAPABILITIES:

Real-time traffic monitoring. Use real-time end-to-end flow/path visualization to monitor bandwidth, manage performance, and mitigate problems before they affect users.

Historical traffic analysis. Use historical playback of end-to-end flow/path visualization to investigate and remediate performance problems across apps, users, and devices.

Proactive alerts. Configure alarms to notify engineers of degraded performance or failure before users even know about them.

Capacity planning and network optimization. Perform on-going characterization of network utilization, traffic patterns, thresholds, alarms and other metrics to further optimize network performance.

Learn More: www.liveaction.com/go/cisco-sdwan