Analytics

Now, more than ever, network visibility and control, predictability, adaptability and a feedback loop based on analytics data is a necessity for a trouble free and secure network. A strong analytics solution increases both the degree of seeing and the degree of timely action.

Our analytics is purpose-built for the FlexVNF and managed services. It is a rich real-time big data solution that provides visibility and control, base-lining, correlation, prediction and feedback loop into VNFs. It provides real-time and historical search, reports on usage patterns, trends, security events, and alerts. The Analytics feature analyzes huge amounts of data sent from FlexVNFs to present critical data points as actionable analytics and reports. Tight native integration with the VNFs ensures optimized storage, search and performance.

- *Networks will see a 28% compound annual growth rate for bandwidth.*
- *50% of application deployments will suffer performance impact due to networking limitations*
- *There will be a threefold increase in security attacks year over year*

The analytics have built-in multi-tenancy that enables a single cluster to provide service for hundreds of customers, enabling deployment flexibility and economy of scale. It tightly integrates with the Director for complete role-based access control. It is operations-ready and supports standard protocols and log formats, such as Syslog and IPFIX, making it compatible with existing SIEM, monitoring, and reporting systems. They are extensible and flexible via REST APIs.

The result is carrier-grade, multi-tenant big data analysis for realizing the full value proposition of Versa software-defined solutions.
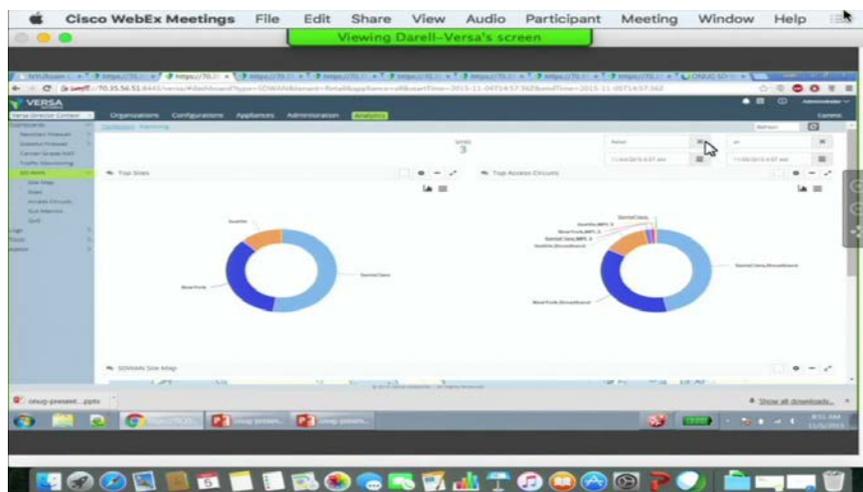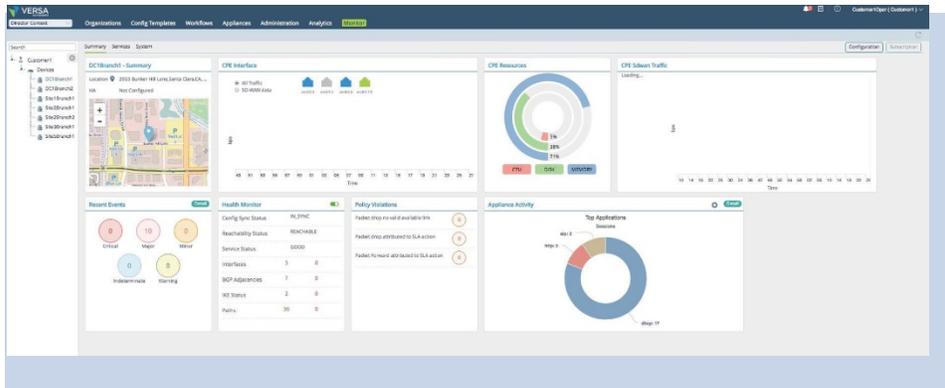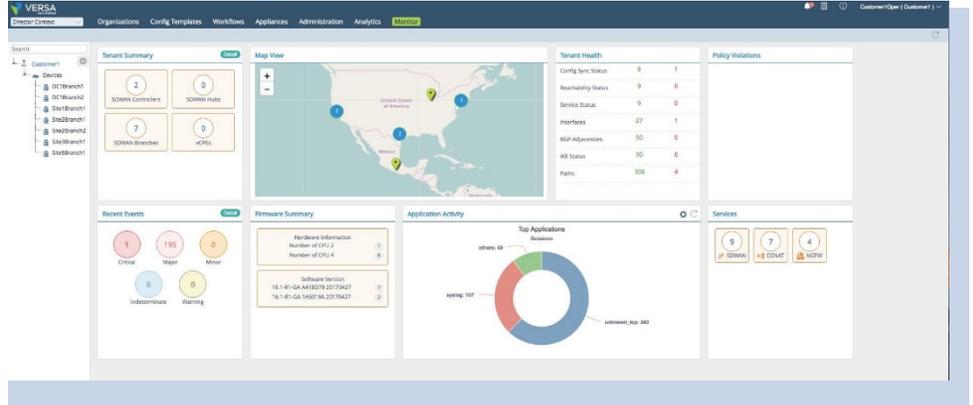
DASHBOARD & ANALYTICS EXAMPLES

Summary Monitor Dashboard

Monitor performance across all sites. Within seconds see a summary of a customer's network performance including, services summary, map of all active sites, any policy violations, recent events, firmware summary, application activity and more.

Device Monitor Dashboard

Monitor devices across all sites. This dashboard gives a summary of device use, across each site.

QoS Analytics SD-WAN

Monitor SD-WAN QoS performance across sites, including traffic volume, bandwidth and volume dropped. This is the overview dashboard, but you can also drill down per site and per service.