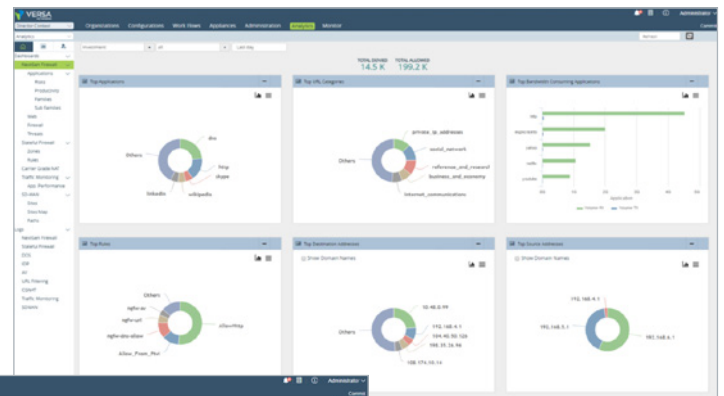# Versa Analytics

VERSA NETWORKS

Product Description

Versa Analytics is purpose-built for use-case focused analytics covering SASE, SD-WAN, SD-Routing, SD-Security, and SD-Branch. It is a rich, near real-time big data solution that provides visibility and control, base-lining, correlation, prediction and a feedback loop for Versa solutions. It provides near real-time and historical search, reports on usage metrics, performance metrics, trends, security events, and alerts. Versa Analytics analyzes large amounts of data sent from VOS™ to present critical data points as actionable analytics and reports. Tight native integration with Versa VOS™ ensures optimized storage, search and performance.

Versa Analytics has 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 Versa Concerto and Versa 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. Versa Analytics is extensible and flexible via REST APIs.

The comprehensive and native capabilities reduce costs and simplify deployments and data analysis by reducing the dependency on various 3rd-party data analytics platforms. For multi-vendor environments, Versa Analytics interoperates with well-known performance management applications and 3rd-party services.
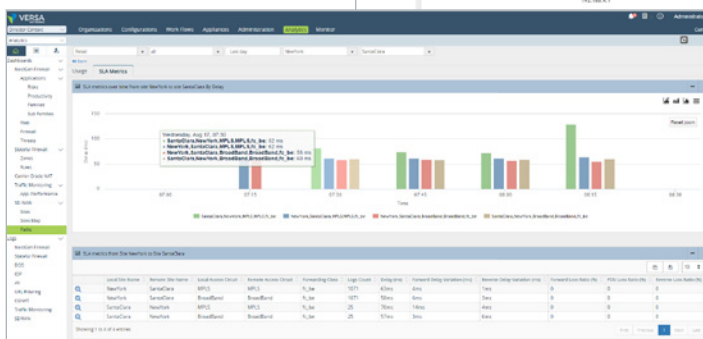
The result is carrier-grade, multi-tenant big data analysis and visibility for realizing the full value proposition of Versa software-defined solutions.
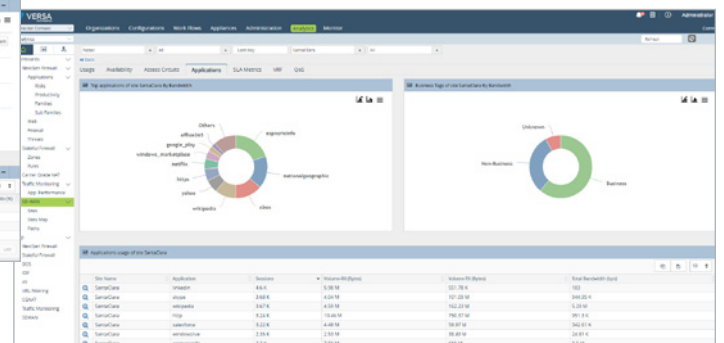

Versa Analytics dashboard
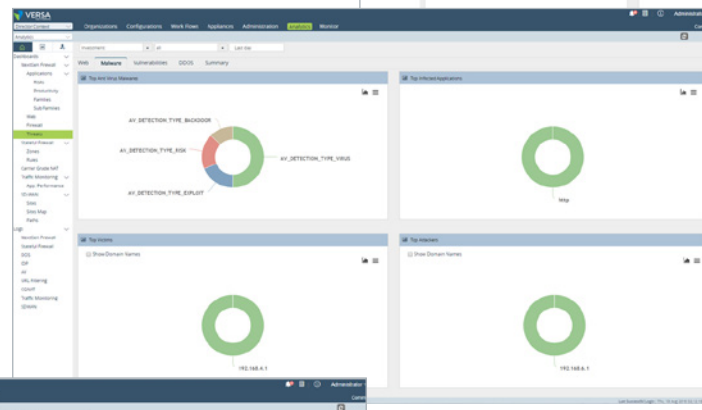
Versa Analytics Threats dashboard

Versa Analytics SLA Metrics dashboard

Versa Analytics Top Applications Usage (Site view)

Product Features

Data Logging Framework

Highly scalable, reliable, optimized, policy-driven data logging framework for all Versa services

Multiple transports

Multiple log formats – Netflow, IPFIX, syslog, PCAP support

Streaming of logs to one or more 3rd party collectors

Reports & Analytics

Real & historical time series log event reporting for various Versa VNFs

Traffic usage/protocol anomaly detection through trend lines and confidence band

Dynamic WAN bandwidth measurements with historical analysis

Prediction-based on extrapolation of trending data

Application performance reports

Ad-hoc and scheduled reports

Predefined and custom report templates

Report export formats: csv, pdf, xls, email notification

Network Reports

Traffic reports per site: availability, bandwidth usage per access circuit, bandwidth usage per application, latency/loss, QoS per access circuit

Traffic monitoring flow logs: Provides detailed traffic logs per flow including application, SDWAN path information per site

Multi-site reports: connectivity, bandwidth usage and SLA metrics between sites

CGNAT, ADC, DHCP reports: NAT events, pool utilization, ADC VIP, server pool status, address allocation, etc.

Security Reports

Firewall reports per tenant: top rules, zones, source, destination by IP/domain name/geo location, ports, protocols, session duration, QoS, DDoS and Flood detection

Application reports: top L7 applications by risk, productivity, family and sub-families based on sessions, volume and throughput

Web traffic reports: top web traffic by URL categories and reputation

Threat profile reports: URL filtering and captive portal actions, IDS/IPS, anti-virus, SSL certificate anomalies, etc.

Forensics: packet capture for known/unknown applications and detected vulnerabilities

Search

Multi-column search with drilldown

Generic and custom queries

Correlation searches

Anomalies

Support of anomaly detection in traffic pattern/usage

Support for custom applications to detect anomalies and take actions (send traps, program policies, etc.)

GUI

Dashboard views for SASE, SD-WAN, security, functionality per tenant, per VOS™

Visualization using charts, real-time views, maps, grids

Drilldown support to analyze data instantly for a given time range, detect trends and anomalies

Automatic data enrichment

Flexible reporting framework

Google Maps support

Management

Role-based access control

REST APIs for Versa and 3rd party Apps

Historical log archival and cleanup

About Versa Networks

Versa, a global leader in SASE, enables organizations to create self-protecting networks that radically simplify and automate their network and security infrastructure. Powered by AI, the VersaONE Universal SASE Platform delivers converged SSE, SD-WAN, and SD-LAN solutions that protect data and defend against cyberthreats while delivering a superior digital experience. Thousands of customers globally, with hundreds of thousands of sites and millions of users trust Versa with their mission critical networks and security. Versa is privately held and funded by investors such as Sequoia Capital, Mayfield, and BlackRock. For more information, visit https://www.versa-networks.com

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