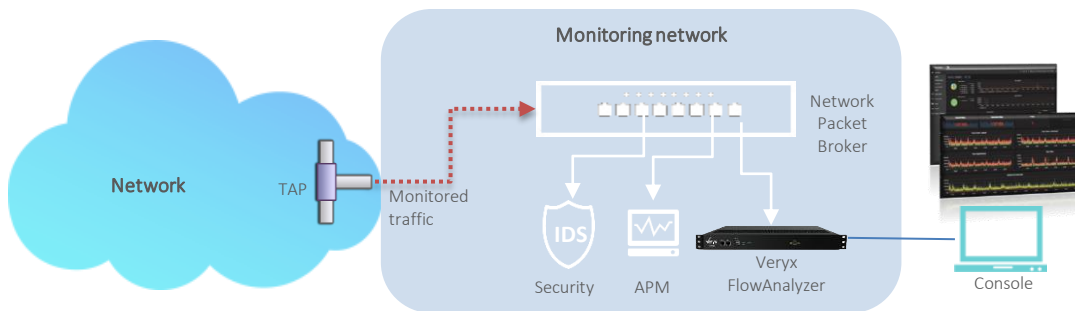


Veryx FlowAnalyzer



High precision real-time network performance and congestion monitoring with 100% visibility

In today's connected world, business performance depends on network and application performance. Traditional network visibility approaches which are based on periodic polling mechanisms, only provide limited insight into what is happening within the network. Per second polling intervals completely miss micro-bursts that take place in a sub-second basis. Problems can happen anywhere—at the end-user device, on the network, or across application infrastructures. IT operations staff often know there is a problem but cannot get to the right level of analysis quickly or easily enough. IT operations teams need a performance management solution that provides visibility across the entire network and application delivery environment. They need intelligence into end-user experience, application transactions, and network performance to quickly diagnose root cause before the enterprise is impacted.



Veryx FlowAnalyzer is a distributed and scalable network traffic analytics system with real user experience monitoring. It brings together advanced application and transaction insight, comprehensive end-user experience monitoring, and deep network intelligence into a single appliance to provide broad visibility into your network or application performance problems.

Veryx FlowAnalyzer passively monitors the network and collects packet, application, and transaction data for continuous monitoring and fast troubleshooting.

Using real-time packet acquisition and multi-stage analytic processing, it delivers powerful capabilities, such as micro-bursts events, automatic application discovery, rich application performance metrics and end-user experience monitoring for web and non-web applications.

KEY BENEFITS

- Minimizes impact of downtime on business
- Provides real time visibility at the microbursts level
- Protects user experience
- Pro-actively manages usage and performance trends
- Isolates potential bottleneck early, enabling pro-active capacity planning
- Provides historically trending of network congestion events and their correlation
- Is vendor independent

With a holistic view of network, application performance plus the ability to contextually drill into domain-specific details, with Veryx FlowAnalyzer, enterprises are better able to reduce the number of hand offs between IT domain groups, and improve resolution time for application and network outages.

VISIBILITY PROBE MODELS

- Veryx FlowAnalyzer is currently offered in two probe models:
 - VF-1020 supports 2x10G interfaces and
 - VF-1002 supports 2x1G interfaces.



Veryx FlowAnalyzer provides standard north-bound API's to facilitate collaborative troubleshooting across network and application teams for faster problem diagnosis and resolution of complex performance issues.

KEY FEATURES

- Deep network analytics
 - Bandwidth utilization for all user and applications
 - Monitor micro-burst activity and alerting with microsecond granularity
 - Capture and correlate congestion in real time
 - Top users, application and domains
- End-user experience monitoring
 - Monitor end-user experience for all users, all applications, all the time
 - Monitor and analyze application performance
 - Geographic map displays
- Intrusion detection
 - TCP SYN attack
 - Port scan
 - TCP tear-drop
- Application visibility
 - Automatic application discovery
 - Track by user, domain and location
 - Measure performance

Physical

Dimensions

VF-1002/VF-1020: 1.75"H x 17.5"W x 8.8"D
(44.45mm x 444.5mm x 223.52mm)

Weight

VF-1002/VF-1020: 10 Lbs.

Power

Power Supply

VF-1002/VF-1020: 160W, 100-240V AC

Interface and Indicators

Front I/O

VF-1020:
1xVGA Port, 2xRJ-45 GbE LAN ports, 2xUSB ports
Monitor ports: 2x10GbE SFP+

VF-1002:
1xVGA Port, 2xRJ-45 GbE LAN ports, 2xUSB ports
Monitor ports: 2x1GbE SFP

Environmental

Operating temperature

0 to 40 degree Celsius

Storage temperature

-20 to 65 degree Celsius

Regulatory

FCC Class A, and CE Certified

Contact sales@veryxtech.com for more information.

About Veryx Technologies

Veryx Technologies is a provider of innovative testing, automation and monitoring solutions for network service providers, cloud service providers, data centers, Enterprise IT and network equipment vendors. Veryx offers solutions for network testing, performance monitoring and equipment testing applications for technologies such as Carrier Ethernet, IP, Cloud, SDN, NFV and Smart Networks.

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Email : info@veryxtech.com

Web : www.veryxtech.com

USA : +1 267 440 0140

International : +44-203-371-8691