

SAMTEST

WAN PERFORMANCE MONITORING FOR ENTERPRISES – BANKING & FINANCE



24x7 WAN link performance monitoring for degradations

Optimize costs of expensive bandwidth

OVERVIEW

Banking and financial services industries continue to transform themselves with introduction of several IT innovations aimed at better customer experience, higher productivity and lower costs on one hand and continued support for legacy services on the other. In the process, their reliance on WAN connectivity both for customer facing applications and back-office operations utilizing data centers continues to increase.

While CIOs need to be sure that they are getting ROIs from WAN bandwidth expenditure, IT teams need to ensure their mission critical operations are not affected by degradations due to:

Latency: The effect of response time delay or 'latency' is one of main KPIs because of its negative impact on customer quality of experience (QoE) and digital transactions.

Jitter: The amount of variation in latency, or 'jitter' also has impact on the QoE. Applications and transactions suffering higher jitter would affect customer experience.

Loss: Packet losses result in poor performance that cause transactions retries and failures.

KEY BENEFITS

- 24x7 tracking of WAN links such as Data Center Interconnect and Branch Interconnect
- Easily pin-point issues for reporting to WAN provider
- Lower the risk of failure and reduce mean time taken to repair (MTTR)
- Maximize customer retention and customer loyalty

KEY FEATURES

- Pro-active, real-time performance monitoring
- High accuracy measurements with millisecond granularity
- Auto-diagnostics on exceeding thresholds– Latency, Jitter and Loss

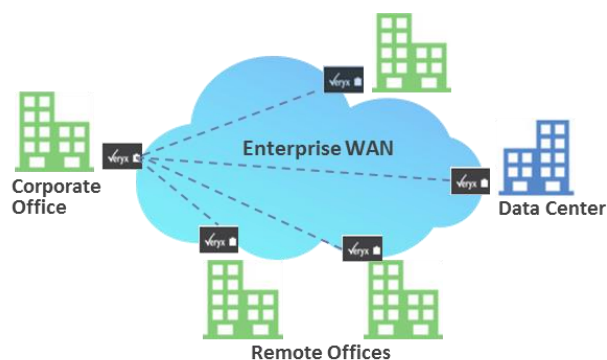


Figure 1: WAN Interconnect monitoring for banking and finance

With Veryx SAMTEST, Banking and financial service enterprises can proactively track performance and identify degradations in wide-area networks– whether in data center interconnect or branch connectivity. SAMTEST active performance monitoring is industry’s first and foremost MEF 35.1 compliant tool, providing comprehensive standards-aligned WAN performance monitoring.



Figure 2: Monitoring screens and reports

SAMTEST supports continuous, periodic and on-demand monitoring. Whenever SAMTEST detects degradations, it not only raises suitable alarms, but also provides further insights on the violation to facilitate quick resolution of issues.

SAMTEST supports Initiator/Reflector probes for 1G and 10G interfaces.

SAMTEST also offers virtual PM Reflectors and Initiators for greater agility and flexibility.



Figure 3: Physical PM Initiator/Reflector models

Virtual PM Initiator/Reflector

vCPU: 2
Memory: 2 GB
HD Space: 4 GB

Physical PM Initiator/Reflector

Dimensions

VT-1020: 1.75"H x 17.5"W x 8.8"D (44.45mm x 444.5mm x 223.52mm)
VT-201: 1.61"H x 7.7"W x 5.78"D (41mm x 196mm x 147mm)

Weight

VT-1020: 10 Lbs.
VT-201: 2.2Lbs.

Interface and Indicators

Front I/O

VT-1020: 1xVGA Port, 2xRJ-45 GbE LAN ports, 2xUSB ports Test ports: 2x10GbE SFP+
VT-201: 1xRJ-45 GbE LAN ports, 3xUSB ports Test ports: 1GbE Electrical

Power

Power Supply

VT-1020: 160W, 100-240V AC
VT-201: 11.4W, 90-240V AC

Environmental

Operating temperature
0 to 40 degree Celsius

Storage temperature
-20 to 65 degree Celsius

Regulatory
FCC Class A, and CE Certified

About Veryx Technologies

Veryx Technologies provides monitoring and visibility solutions for enterprises, network service providers, cloud service providers, and data centers. Leading service providers and enterprises rely on Veryx solutions for network visibility, performance monitoring and testing applications for technologies such as IP, MPLS, Carrier Ethernet, Cloud, Data Center, 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