ECHOVAULT™
Throughput Meter
Centralized ITU Y.1564

25% CIR	50% CIR	75% CIR	Full CIR	CIR+	Policing Rate
✓	✓	✓	✓	✓	
2.5 Mbps	5 Mbps	7.5 Mbps	10 Mbps		
2.5 Mbps	5 Mbps	7.5 Mbps	10 Mbps		
2.5 Mbps	5 Mbps	7.5 Mbps	10 Mbps		
			10 Mbps		

Throughput Meter
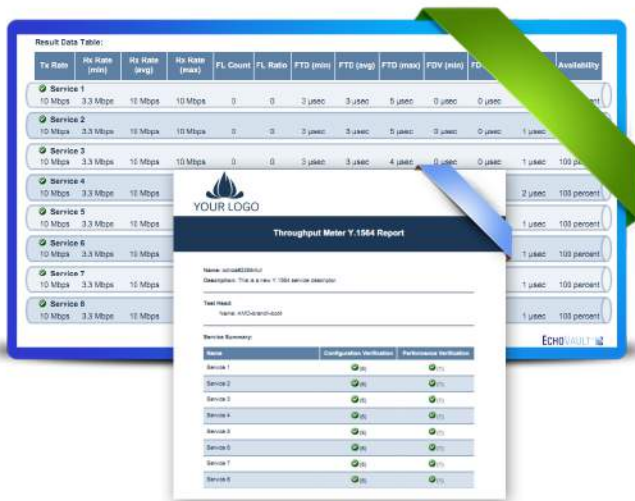Integral part of True SLA Solution

Interactive and Dynamic Web Reports

Business-critical services based on IP and Ethernet require performance validation. It is vital to know that the amount of bandwidth per quality class as well as loss, delay and delay variation are according to the SLA. EchoVault Throughput Meter brings centralized and automated circuit turn-up verification and troubleshooting via ITU-T Y.1564, the de-facto industry standard for throughput measurements.

EchoVault Throughput Meter enables workflow-optimized automated testing & reporting of Ethernet and IP OAM (Operations Administration and Maintenance) parameters (on the service VLAN), such as Frame Delay, Frame Delay Variation, Frame Loss, Frame Loss Rate (FLR), Throughput and Availability.

Ensuring the Ethernet and IP service quality, performance and SLA adherence with a clear and stylish report right at installation strengthens the customer relationship. Your customer can see that the service implementation and hand-off is done professionally.

The Throughput Meter comes with an easy to use wizard-like user interface that guides the user in the measurement and report creation process. The Throughput Meter report is provided in PDF format and delivery methods include EchoVault Portal, 3rd Party/In-house Portal, email and SCP (Secure Copy Protocol).

Features

- Based on Y.1564 Industry Standard
- Configuration & Performance Verification
- Report output — PDF Adobe — Portal Link
- EchoVault Portal support
- Report delivery by Email, SCP, Customer Portal
- Provider logo for branding
- Centralized report archive
- Support for CreaNODE vProbe and CreaNODE 3000 test heads
- Extendable with CreaSFP for bringing quality loopback capability to endpoints

Throughput test configurations

- Multiple flows (Y.1564)
- Configuration Verification (Policing, CIR, EIR ...)
- Performance Verification (delay, delay variation ...)
- Test Scheduling
- Layer 2 or Layer 3 Destination
- Service Configuration (VLANs, QoS, frame size/EMIX)
- Bandwidth Profiles (CIR, EIR, M–factor)
- Acceptance criteria (loss, delay etc.)

EchoVault Add-ons are sold as enhancements to EchoVault system. Add-ons include valuable tools such as SLA Dashboards, Throughput Meter, Events and Spatial. Contact your EchoVault representative to learn more.