
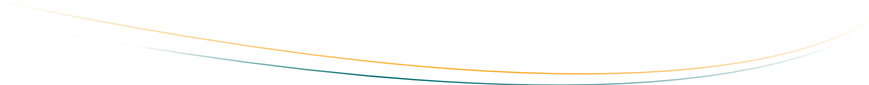


Deploying Ethernet just became simpler





Three simple ways to assure Quality of Service and Class of Service.



No matter where you are, no matter where you're going, Sunrise Telecom has the right Ethernet testing solutions to support your growth: the SunLite GigE, the MTT family, and the STT platform.

Each family of products is optimized for a particular type of network and use. Yet, they all work together seamlessly, making it easy to put together the perfect toolkit for your network.

There's a lot they have in common. For instance, they all do RFC 2544 testing. They all support multiple streams for proper prioritization in multi-use service environments. They all record and store data, and upload it to any PC – no specialized network required. And they all have Sunrise Telecom's well known easy-to-use graphical interface, which makes it a snap to verify performance accurately, pinpoint issues quickly, and make repairs effectively – even for technicians with limited Ethernet or IP testing experience.

In addition, our test sets were designed for carrier Ethernet applications. So they can test more than just the Ethernet layer – they can also test the physical layer and the IP layer.

All of which helps you ensure that your customers always get the Quality of Service they're relying on, and the Class of Service they're paying for.

SunLite GigE

The high-productivity, high-performance handheld

Many compact test systems sacrifice functionality for portability. But the SunLite GigE packs a comprehensive suite of Gigabit Ethernet testing capabilities into a palm-sized unit, eliminating the need for multiple instruments.

Despite its small size and light weight, the SunLite GigE has a bright, full-color screen with an intuitive graphical interface. Its battery life is unmatched, offering hour after hour of reliable service in the field. And, it's loaded with all the testing functions required to assure that Service Level Agreements are being met, from installation and troubleshooting to ongoing maintenance.



SunLite GigE



GigE Responder

The GigE Responder provides a variety of loopback test modes. It's the ideal companion to the SunLite GigE, but also works as a compact, stand-alone loopback tool with any Ethernet test device.

Combine the SunLite GigE and the GigE Responder, and you have an easy-to-deploy hand-held system for end-to-end testing of throughput, bit error rate, and latency, as well as Quality of Service measurements.

- The smallest, lightest and most comprehensive Ethernet test set
- Longest battery life for extended field use
- 10/100/1000 Mbps copper and GigE fiber ports
- Generates 10/100/1000 Mbps Ethernet traffic
- Generates and measures up to eight independent traffic streams
- Tests include automated SLA verification, BER testing, and Class of Service traffic prioritization
- RFC 2544 tests include throughput, latency, frame loss rate and back-to-back frames tests using loop back or point to point without loop back
- Cable diagnostics



GigE Responder



MTT Family

The ultimate modular testing toolkit for multiple technologies

With today's diverse networks, Ethernet-only test solutions may not be enough. And that's where the MTT family offers the best value in power, flexibility, and future-proofing.

The advantages start with the compact, hand-held MTT chassis. Two chassis are available: the MTT Color, and the MTT ACM II, which adds cable maintenance features. Both have a bright color screen and an intuitive graphical interface that make it easy to ensure that when you turn up the service, it works right the first time. And, both accept a wide range of test application modules.

Unlike other modular test kits, MTT modules are field-swappable with no tools needed – just plug-and-play. The MTT-28 and MTT-29 Ethernet modules can monitor live traffic to verify that your network is operating within the defined Service Level Agreement. Each can also generate traffic, providing BER and RFC 2544 testing from the physical layer through the Ethernet layer to the IP layer.

Other modules include SONET/SDH/T-carrier/PDH from DS1/E1 up to 2.5 Gbps, 1/2/4 Gbps Fiber Channels, xDSL, and Triple Play testing. As your network expands, the MTT expands with you, while keeping your capital and operating expenses under tight control.

- The most flexible Ethernet test set
- Quick and easy module swapping – no tools needed
- 19 interchangeable test modules available
- Ethernet, Metro, Fiber Channel, ODTR, SONET/SDH/T-carrier/PDH, DSL Infrastructure, and Triple Play
- Supports RFC 2544 tests, FTP, and Web rate
- Total system scalability – as you roll out new technologies and infrastructures, your test kit keeps pace



MTT



MTT-28



MTT-29



STT Family

Up to 10G Ethernet in a portable, all-in-one system

Scalability, portability, and best-in-class performance combine in the STT (Scalable Test Toolkit) platform. Unlike other 10G Ethernet test systems, the STT platform can run on AC or DC power, making it suitable for both central office and field applications.

This innovative, modular platform makes the STT the ideal future-focused toolkit for networks committed to fast, reliable rollouts. Fully automated tests with a simple, graphical user interface make the STT the ideal tool for technicians who may not be Ethernet experts, yet are responsible for turning up and verifying complex Ethernet networks.

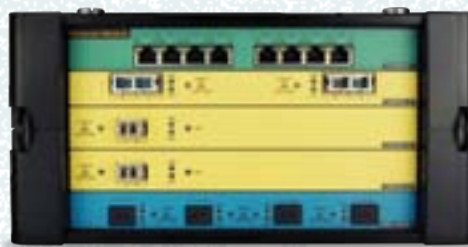
The STT 10G Ethernet module is a powerful and versatile test module for qualifying, installing, maintaining, monitoring, and troubleshooting Ethernet services. It can perform simultaneous and independent tests at full line rate over its multiple test ports for 10/100M, Gigabit, and 10 Gigabit Ethernet LAN/WAN.

The STT Metro Module has the strength and flexibility to test differentiated data, voice, and video services for multiple customers simultaneously. Each of the 4 or 8 independent test ports is capable of generating 64 test streams, each with user defined frame structure, size, and bandwidth. In addition to 10/100/1000 BaseT and 100/1000 BaseX, the STT Metro Module also supports 1, 2, and 4 Gig Fibre Channel.

Both the STT 10G and Metro modules include:

- Full line rate traffic generation, loopback and monitoring
- Comprehensive test suites include: RFC 2544, L1-3 BER, and IP verification
- Packet Capture and Decode up to Layer 7

Other STT Modules: Optical Network Expert, 40G, Dispersion Test Module, and xWDM



STT 10G Ethernet - 150mm



STT 10G Ethernet - 65mm



STT Metro





SUNRISE TELECOM®

We Make Networks Work

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or visit www.sunrisetelecom.com

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