RTU-300+

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Centralized Modular Test Platform

Network service providers and data center operators know how important it is to ensure the quality, performance, and reliability of their network links. The RTU-300+ platform is a rack-mounted centralized test solution specially designed for service turn-up and maintenance test applications. The RTU-300+ can be remotely accessed via a web browser or VNC when configured for standalone operation, or it can be operated and integrated into the VeSion® cloud-based system. Features include Ethernet test applications, such as throughput, high performance multi-session stateful TCP suites (e.g., RFC6349), multi-gigabit speed tests, and loopback responder, required for repeatable and reliable testing of broadband or IP access services. When this Ethernet-centric test platform is configured for standalone operation, some additional test features are supported like Fibre Channel, OTN, SDH/SONET, PDH/DSn.

PLATFORM HIGHLIGHTS

- Optimized for centralized testing (access, rural, metro, core, transport, datacenter inter/intra/cross-connect, unmanned PoPs, etc.).
- Up to two factory-installed test module support with up to four dedicated test ports.
- It has a compact 1U 19" rack-mount profile and a rugged construction for durability and easy installation.
- Ideal platform for testing the different service life cycles: Provisioning, Activation, and Service Assurance.
- Supports Ethernet testing from 10M to 100G line rates, as well as OTN, SONET/SDH, PDH/DSn, Fibre Channel protocols.
- Supports up to four independent and simultaneous test applications.
- Future proof, from 1.5 Mbps to beyond 100 Gbps.
- One way latency with optional built-in multi-band GNSS/GPS receiver.
- Multi-user remote access.
- Optimized access network testing with advanced multi-session support. One test port can serve more than 100 technicians in the field running QoS/QoE tests.
- Web browser and VNC access in standalone operation.
- Standalone operation: Simple to use, cost-effective, and feature-rich mode for regional, small networks, rural networks, etc.
- Integrates with VeSion® cloud-based system, allowing data collection, remote access, control, scheduling, and monitoring of multiple geographically dispersed RTU-300+ probes from a single dashboard.
- Connectivity via 10/100BASE-T management interface.
- USB port to perform software upgrades.
- 15Vdc and -48V powering options, featuring a dual power supply option for redundancy and reliability.
- Reduced power consumption means lower operating costs and environmental impact.