VIAVI
ACTS
Advanced Communication Test System

This server performs a variety of tests related to cable system advanced communication services, including VoIP, high-speed data, and throughput.

The server enables a VoIP RTP test from any field test point, as well as high-speed throughput.

The VoIP test enables efficient service pre-installation verification with a simple, yet comprehensive set of measurement data including upstream and downstream latency, jitter, packet loss, and MOS.

The throughput test adds an increased level of security by enabling customizable communication ports, and does not write files to the hard drive.

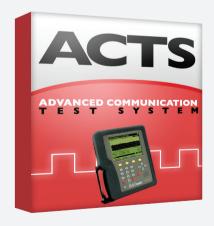ACTS supports DOCSIS 3.0 (4x4) and (8x4) modems with testing speeds up to 400 Mbps!

Key Features

- System allows multiple field units to connect and perform high-speed throughput or VoIP tests
- Enables high-speed throughput tests using the 180 DSP, 360 DSP, 720 DSP, 860 DSPi and 1G DSP Field Meters
- DOCSIS Compatible with upstream and downstream latency, jitter, packet loss, and MOS
- Separate pass/fail results for upstream and downstream troubleshooting

System Requirements

Processor	1 GHz Pentium-IV® or upward compatible CPU
Memory	1 GB RAM
Hard-Drive	100 MB free disk space
Operating System	Microsoft Windows 2003 and Up
Network Card	10/100/1000 Base-T network interface card

Throughput Rates

	Upstream	Downstream
DOCSIS 2.0	30 Mbps	40 Mbps
DOCSIS 3.0 (4x4)	100 Mbps	150 Mbps
DOCSIS 3.0 (8x4)	100 Mbps	400 Mbps

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