



Touchstone® Universal CPE Test Station



- Eliminate all stranded capital! Get cable modems and E-MTAs back into the field and generating revenue quickly!
- Complete, stand-alone system. No connection to plant or back-office required.
- Test any vendor's cable modems or E-MTAs with user-definable profiles!
- Simple to use! Click + scan tests. Little or no PacketCable / DOCSIS knowledge required.
- Simple manipulation of test records. Watch for "repeat offenders" and print test reports for simplified RMAs.

Application

The Touchstone Universal CPE Test Station (UCTS) is a comprehensive test bench solution designed to assist operators in qualifying the functionality of cable modems and embedded multimedia terminal adapters (E-MTA) returning from the field for any number of reasons. The Touchstone UCTS is capable of simultaneously testing up to eight DOCSIS® compliant devices at a time.

A Complete Test Solution for VoIP Subscriber Premise Equipment

Leveraging our rich heritage in the development of world-class subscriber premises equipment, ARRIS is pleased to offer a complete solution for the efficient testing and reclamation of Cable Modems and Embedded Multimedia Terminal Adapters (E-MTA). The Touchstone UCTS offers the call agent, CMTS, and provisioning functions all rolled into a single chassis solution – thereby enabling the operator to fully test subscriber equipment without connecting to or otherwise simulating their operating environment.

Easy-to-Use, Flexible Software – Customize for your Unique Deployment

The UCTS employs custom software that can be managed via a straightforward graphical user interface. The administrator can set up to four unique access levels, and device profiles can be easily defined to customize the platform to test only those devices deployed in your network. All testing is driven by the user interface, which clearly prompts the user every step of the way. Tests can be most simply driven using a scanner device, eliminating the possibility of manual input error. Little to no DOCSIS or PacketCable experience is required.

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ARRIS has further expanded the UCTS functionality in the new UCTS Release 2.0 software release. This release provides many operational enhancements and addresses interoperability issues with other DOCSIS certified devices. Highlights include automated call testing and device provisioning, customizable report generation, ARRIS CPE age detection, and increased CPE coverage for other DOCSIS devices.

Comprehensive CPE Capital Management

Whether returning from the field as a “failed unit” or as part of normal service churn, the UCTS provides a means to identify quickly and accurately the operational status of your CPE. This translates to an improved installation process, ability to avoid the costly accumulation of stranded CPE “bonepiles”, and tangible savings in shipping / handling, possible “no problem found” charges, and lost revenue opportunity.

With the ARRIS UCTS, there is no need to have separate test stations per CPE device – test all of your DOCSIS compliant cable modem and embedded multimedia terminal adapters using one station!

There is no longer a need to keep records of CPE field failure history. The UCTS maintains a complete database of test records, vigilantly watching for “repeat offenders,” so that operators can make informed RMA decisions. The UCTS even takes the difficulty out of the RMA process by printing a test report, which can easily be affixed to any failed CPE that is to be returned to the vendor.



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