fine point technologies

Speed Master Broadband Performance Testing

Broadband performance isn't just a Connect America Fund (CAF) requirement.

Do you understand the requirements and are you ready to comply? MountainView from FinePoint Technologies makes broadband performance testing and reporting a breeze.

The FCC Requirements for Performance Testing

All carriers which receive government subsidies to provide broadband in high-cost areas must regularly conduct latency tests on their networks. Carriers who fail to complete the tests will be subject to financial penalties.

The **latency test** must be conducted once per minute, for 6 hours, starting at 6 PM and ending at midnight for 7 days each quarter.

The **download throughput** and **upload throughput** tests must be completed once per hour, for 6 hours, starting at 6 PM and ending at midnight.

All tests must have the packets terminate / originate at the closest of the 16 named internet exchange points (IXPs), or pass through them.

It is not a requirement that all tests be performed on the same night. However, all testing must be completed within the quarter.

Speed Master for FCC-Mandated Testing

With Speed Master, powered by MountainView, carriers have peace of mind knowing that their performance tests are guaranteed FCC-compliant.

Testing:
 - Tests will be performed following TR-143
 - Download Diagnostics, Upload Diagnostics, and IP Ping will be performed

Solution requirements:
 - Primary MountainView server with standard licensing
 - Secondary server for locations which require testing
 - CPE vendors must test their CPE for TR-143 functionality.
 - All CPE to be tested must be managed by the primary MountainView Server
 - Tests will be performed following TR-143
 - CPE to be tested must have the HUBB ID associated to them

Data Outputs from Testing

Data outputs will be provided in CSV format as follows:

DOWNLOAD THROUGHPUT
HUBB ID, CPE Serial Number, Test Start Date/Time, Test Stop Date/Time, Bytes Received
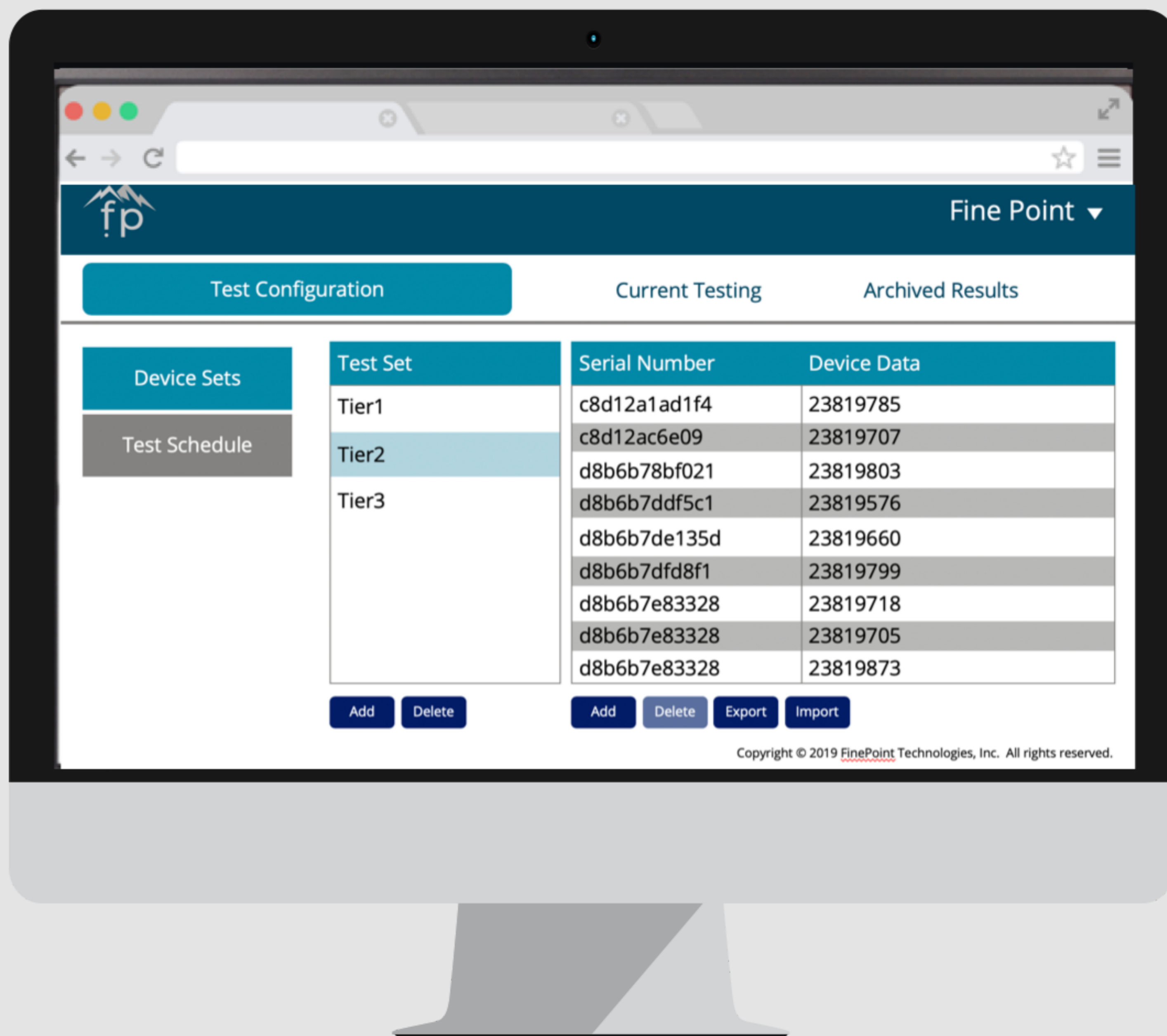
UPLOAD THROUGHPUT
HUBB ID, CPE Serial Number, Test Start Date/Time, Test Stop Date/Time, Bytes Sent

LATENCY
HUBB ID, CPE Serial Number, Test Date/Time, Max Ping Response Time (1 ping per packet, per test)

Compliance Made Easy

The screenshot above demonstrates the simplicity of the user interface. Fine Point Technologies guarantees that the reporting delivered via the MountainView solution will be accepted by the FCC or your money back.

ABOUT FINE POINT TECHNOLOGIES

Fine Point Technologies is a privately-held company that focuses on developing software tools that connect network operators to their customers. Fine Point offers solutions for device management, installation, customer care, broadband access concentration, and data analytics. Fine Point's solutions manage both wireline and wireless platforms from a single server, providing network operators with a single user interface to manage all devices. Learn more at www.finepoint.com

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