



# | CHOOSING THE RIGHT CPE

You need a CPE device that compliments the rich capabilities of your ACS.

## **TECHNOLOGY DECISIONS THAT FUEL YOUR GROWTH**

Selecting the right CPE device is a critical decision when architecting your managed WiFi Solution. By selecting a complimentary CPE and ACS, you have the power to deliver outstanding customer service, maximize your network investments, and improve your targeting and marketing.

## **UNDERSTAND THAT THE CPE AND ACS WORK TOGETHER**

Select a CPE device that supports the features and functionality you need. Because the ACS relies upon data collected by the CPE, it is imperative that you select a CPE that is capable of providing that functionality.

## **ENSURE YOUR CPE PROVIDES ESSENTIAL FUNCTIONALITY**

Based upon two decades of developing industry leading solutions, Fine Point views the following list as essential functionality:

- Connection Request Parameter via “Get Parameter Value” (“GPV”)
- Close Sessions Correctly
- Support Hold Request
- Support RPC Download
- Support RPC Upload
- Support TR-143
- Support Ping Diagnostic
- Report Per-Host Wi-Fi Level
- Report RF Interference
- Display Wi-Fi Host Connected Band

## TEST AND VERIFY

There are many devices on the market that do not support these functions. This is particularly true of very inexpensive devices and of old devices that are still running old firmware. In addition, there are also many instances where devices that say they are TR-069 compliant have incorrectly implemented the specification. In these cases, it is often necessary to obtain updated firmware from the manufacturer.

## TAKE THE NEXT STEP

Many ACS vendors charge high fees to perform interoperability testing and custom configuration for new device types. Because Mountain View dynamically discovers a device's complete data model, Fine Point is able to evaluate device functionality and often suggest ways to address device shortcomings free of charge.



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## 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](http://www.finepoint.com)