

## Tech Tip

# Installing GTTH Services? You Need to Upgrade to the OneExpert Test Platform

We all love our DSAM and HST testers, but if you're installing Gigabit to the Home (GTTH) services, you need to upgrade to the OneExpert testing platform. There are two critical areas where the new testing units are needed for GTTH: speed and integrated in-home testing functions. Let's take a look at each one:

### The Need for Speed

As higher speeds are delivered to the home, it is important to validate the circuit performance with speed testing that matches the delivered service. The older HST and DSAM testing units supported speeds up to 80Mbps over Ethernet tested via FTP and HTTP downloads. But the newer GTTH technologies such as Fiber to the Home (FTTH) and G.fast/V.35B require faster compute platforms. The new OneExpert platform supports speed testing up to 1Gbps using TrueSpeed, Speedcheck, or Ookla Speedtest – depending on the configuration.



### Integrated Testing Functions

The OneExpert testers have integrated in-home test functions that allow the testing of Coax, Home PNA, and Multimedia over Coax (MOCA) to make troubleshooting and solving service issues easier than ever. OneExpert also supports WiFi Advisor that provides plain language

guidance such as the Smart Channel Wizard to make testing as easy as possible so that each work order can be completed in the least amount of time.

In addition, the WiFi Advisor can support other important tests such as: Service Set Identifier (SSID) channel view, Received Signal Strength Indicator (RSSI), channel utilization, noise utilization, Remote PHY support, and identification of legacy systems. All of the OneExpert testers have a built-in 1Gbps Ethernet port to simplify connecting to a local network for service testing.

### StrataSync Mobile Tech



The newest addition to the OneExpert platform is StrataSync Mobile Tech App. This new feature is optional and gives technicians the ability to sync the testing unit with the main office through an Android or iOS device with an internet connection. This means that the test results – and the completion of work orders – can be synced with the main office as they happen, and new work orders can be assigned in near real-time. This helps technicians complete as many work orders as possible in a day.

Time is money and completing each work order as quickly as possible ensures success for technicians. The VIAVI OneExpert units make this happen by providing fast and easy testing that makes installing, and troubleshooting, GTTH services quick and efficient.

Learn more about the [OneExpert Platform](#).

**Products Used for Testing:**

[OneExpert DSL](#)

[OneExpert CATV](#)

[WiFi Advisor](#)