

ZYXEL BAND PILOT

CLOUD-BASED LTE REMOTE MANAGEMENT SYSTEM

COMPETITIVE ADVANTAGE

Zyxel offers a comprehensive portfolio of 5G/LTE CPE solutions for Fixed Wireless Broadband deployments. The product line includes the new Halo Air 5G WiFi Intelligent Whole-Home WiFi system, a 2020 CES Innovation Awards Honoree in the Smart Home category. Halo Air is a 5G fixed wireless broadband gateway and WiFi6 WiFi extender system that delivers broadband speeds up to 2 Gbps throughout the home to provide a complete WiFi6, **whole-home WiFi solution via Zyxel MPro Mesh**.

Zyxel's family of LTE products also includes the LTE7480 Citizens Broadband Radio Service (CBRS) Outdoor Router and LTE7461 Multiple Licensed Band Outdoor Router which combine LTE network technology and high-gain antennas to provide lightning-fast Internet connectivity to hard-to-reach customers. Zyxel's 5G products also include the 5G New Radio **Sub 6GHz Outdoor router and Indoor router**, which deliver greater performance, spectrum efficiency and latency compared to current LTE standards.

Zyxel LTE Band Pilot is a cloud-based remote management system designed to help service providers remotely manage Zyxel LTE CPE products. Key features include remote troubleshooting, monitoring online status for all devices, RF performance history tracking, remote firmware upgrades, and TR-143 speed tests. These features allow an operator to provide a reliable network and better internet connection/experience for end users.



Top highlights for Band Pilot Remote Management Cloud System:

- 1 **CPE Summary on Dashboard and Intuitive User Experience** -- The operator can find the device information summary on the dashboard quick view including online devices, models, and the Firmware version for each. For more detailed information, simply click on the CPE group in the pie chart.
- 2 **Graphic RF Performance History** -- Provides a histogram on an hourly/daily/weekly/monthly basis for RF information such as RSRP, RSSI, RSRQ and SINR. Supports one click Zoom In and Zoom Out feature to know the detail of each period of time.
- 3 **Manage Firmware Upgrade Maintenance More Easily** -- Allows operator to run Firmware upgrade for individual or multiple devices and manage the status of all the upgrade tasks.
- 4 **Remotely Troubleshoot with TR143-based Speed Test, Ping, and Traceroute Diagnostic Tools** -- The LTE Band Pilot remote management system provides a set of tools for operators to be more efficient and responsive in helping end users. They can troubleshoot by using TR143-based download/upload speed tests and diagnostic tools such as ping, traceroute, reboot, and/or reset functions. The use of these functions shortens operators' response time to end user complaints, meanwhile, reducing the expense of dispatching technicians for onsite troubleshooting.

