

The Luxul technology lineup for CEDIA Expo 2019 includes the Epic Mesh kit, a cloud remote monitoring and management system, self-healing managed gigabit switches and the next next generation of wireless controller technology, among others.



The Epic Mesh kit comes with two dual-purpose mesh nodes each serving as either router or satellite. Installers can turn one of the two nodes into a router in under two minutes using the Luxul Easy Setup app. The other becomes the satellite node placed around the residence to create a wireless mesh. No additional wires are required, since installers simply have to plug the satellite node into an available outlet. An innovative antenna design and 4x2x2 antenna array enable two 2x2 client access radios and a 4x4 5GHz dedicated backhaul channel ensures strong connectivity back to the router for the delivery of high-speed internet anywhere in the home. Customers can add more satellite nodes as required to accommodate installations of any size.

Highlighted managed Gigabit switches featuring self-healing capability include the 18-port/16 PoE+ L2/L3 AMS-1816P and 12-port/8 PoE+ XMS-1208P. The units feature two advanced features-- auto-recovery and power scheduling. Auto-recovery automatically reboots devices connected to the switches via PoE when they fall offline or become unresponsive. Power scheduling allows installers to trigger the switches to power PoE-connected devices on or off based on switches created within the switch interface.

The next-generation XWC-2000 wireless controller promises twice the capacity of the previous version with support for up to 32 APs for large-scale projects. Newly deployed APs are automatically added for plug-and-play installation, and Luxul Roam Assist technology is built-in,

ensuring mobile devices connect to the best AP for highest performance.

Luxul also plans a "Good, Better and Best" showcase of wireless Apex APs. The "good" XAP-810 is a cost-effective wireless AP featuring 802.11ac 2x2 dual-band technology and 5GHz beamforming for data rates up to 1900Mbps throughout a facility. The "best" XAP-1610 features advanced Wave 2 4x4 MU-MIMO 802.11ac technology and 2.4 and 5GHz beamforming for data rates up to 3167Mbps.

As for dealer tools, Luxul will show off the Easy Setup app and free network design service (Customer Assurance Program, or CAP). Available as a free download from the Apple and Android stores, the Easy Setup app allows installers to set up a Luxul wireless router and up to two wireless APs simultaneously in under two minutes via smartphone. Meanwhile CAP provides dealers with certified wired and wireless network designs guaranteed to deliver wifi networks meeting customer reliability and performance requirements.

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