



CASE STUDY: DIMOND BUILT



Custom Home Builder Utilizes Alta Labs Products

Dimond Built has been building custom homes in Utah since 1998. Founded with a mission of improving the quality of life for people by building custom dream homes, the company has thrived by involving the customer and maximizing the dollars they invest. In addition to completely custom-designed homes, they have a large selection of customizable stock plans to choose from. They have an architect on staff to assist with any design needs.



Artist's Rendering of a Custom Design

Switching to Alta Labs

Mike Rollins, in collaboration with BMD Electric and 50 Below Tech has been building networks in custom-built homes since 2020. He'd been using a competitor's hardware but due to inventory issues, extremely poor support, and a general lack of engagement, he chose to look for alternatives. He became aware of Alta Labs in the spring of 2023.

"The big thing that is selling me on Alta is the communication from the team and support. I get responses almost instantly or within an hour regardless of the time of day."

- Mike Rollins, Installer

Mike received a call from the CEO of Dimond Built Homes informing him that he was having issues with the Wi-Fi system at his home. It had been installed less than a year prior but was quite unstable. The hardware installed was from an overseas networking products manufacturer. There were issues with the router going down, PPPoE was constantly an issue, and WiFi connections were dropping frequently. The visual aesthetic of the access points was already a sore point, so with poor performance now coming into play, it was decided it was time to replace them.



Custom Home Featuring Alta Labs APs

Mike replaced the existing access points with 3 Alta Labs AP6-Pro Access Points. During the installation, Mike marveled at the speed of the installation. Previously Mike had used a competitor's products and it would take 20-30 minutes to line up their APs on sheet rock ceilings. The Alta Labs APs were done in 90 seconds from bolting the mount to the ceiling and clipping the AP to the mount.

"These are amazing game-changers when you can't get your hand on the other side of the ceiling."

- Mike Rollins, Installer



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AP6-Pro Mounted on the Ceiling



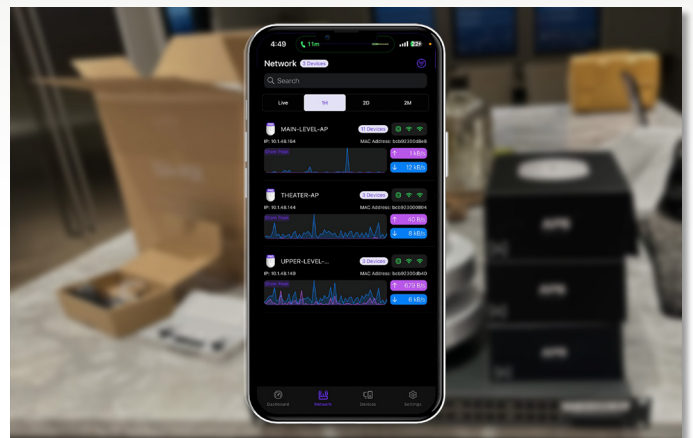
AP6-Pro Installed Near Projector in Home's Theater

"I love the ease of installation and simplicity of getting a device online."

- Mike Rollins, Installer



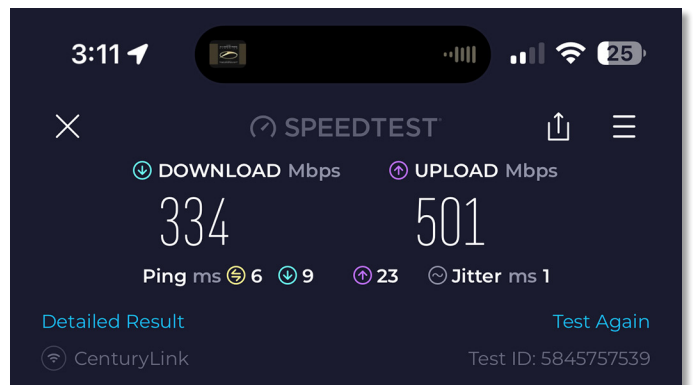
Alta Labs S24-POE Switch Installed in Closet



Network Configuration in Alta Mobile App

Custom Home Project Overview			
8,250 ft ² (766 m ²)	26 Rooms	3 Floors	3 APs

3 Alta Labs AP6-Pro Access Points are delivering WiFi throughout the home. The home has 3 floors, with 8 rooms in the basement, 12 on the main level, 6 on the upper level, and 3 outdoor patios. The Alta Labs S24-POE switch connects all of the wired devices and access points in the home.



Speed Test Results



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Special Thanks

Special thanks to Mike Rollins for posting the original story in our forum and for the photos.

For More Information

Visit the Dimond Built site at utahbuilt.com

Visit the BMD Electric site at bmdelectric.com

Visit the 50 Below Tech site at 50below.tech

Original story post in our Forum at forum.alta.inc

Visit our website for more case studies at alta.inc/case-studies

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