

Richwood
Home of the Lumberjacks

CASE STUDY

A 50-Year Network: West Virginia School Builds Back Smarter with Future- Proof IT Infrastructure

Did you ever think it would be possible to build a 50-year IT network that prepares K-12 students for a digital future without breaking the bank?

That's precisely what Nicholas County Schools in West Virginia did at their new Richwood Academic Complex when one dedicated technology director discovered a way to build back smarter using a revolutionary architecture that not only supports today's technology but is ready for tomorrow's—all while saving millions in construction, energy, and operational costs.

Rethinking Network Design

After historic floods devastated Richwood High School and Richwood Middle School, Nicholas County Schools expanded and upgraded an existing

40,000-square-foot elementary school to create a combined 110,000-square-foot K-12 academic complex. The construction of the new Richwood Academic Complex provided a unique opportunity to build a new IT network from the ground up. Chris Hanshaw, Nicholas County Board of Education's technology director and facilities manager, seized this chance to design an IT infrastructure that would serve the school for the next 50 years.

"I knew there had to be a better way to deploy the network that would prevent us from having to constantly upgrade equipment to meet the growing demands for high-speed connectivity and power," says Hanshaw. "When I came across Sinclair[™] Digital's AGILE-CORE[™] Distributed Edge Architecture, I saw an opportunity to deliver the technology that students need to succeed in the digital world while increasing power, saving space, and lowering costs."

