

"Amer Networks ... completely understood our needs and challenges, and delivered on all accounts!"

- Chris Thornton, Director of I.T.



Craven County Schools in New Bern, North Carolina

District Profile

The district covers approximately 695 square miles with a total population of 94,875 residents. Area coverage includes the cities of New Bern and Havelock, the towns of Bridgeton, Cove City, Dover, River Bend, Trent Woods, Vanceboro, and Marine Corps Air Station - Cherry Point. We serve 14,882 Students in 15 Elementary, 5 Middle, and 5 High Schools.

Current Network Configuration

Craven County has for the most part deployed a star topology with fiber running into the two Primary IDFs. Most schools come into an Amer Gigabit Layer 3 fiber switch. The two Primary IDFs feed into the MDF which provides access to all the servers. Amer Layer 2 GIG switches and PoE are being used in secondary IDFs, with unmanaged desktop models deployed in the classroom.

Chris Thornton, Craven County Schools Director of I.T.:

"We are primarily GIG throughout, but it became critical in several locations for us to enhance the performance to services on the network. We knew the only way to accomplish that was to implement 10GIG switching and connectivity starting at the core. But we needed to do it with limited budget."

The Solution

Amer Networks was able to recommend an affordable solution that would give Craven County 10GIG connectivity from the Servers, through the MDF, to the two Primary IDFs and beyond. These IDF's are now communicating at 10 GIG speeds to the areas that needed it the most. The solution is completely scalable as their needs continue to grow.

Equipment Used: Amer Networks SS3GR1026L Layer 2/3 switches with SFP+Expansion Module and SFP+ Transceivers.



Information about Amer, how it can work for various school districts

"Amer Networks seems to be in tune with the budget realities facing School Districts across the country. They completely understood our needs and challenges, and delivered on all accounts!"

Key Decision Criteria Identified:

- Proven reliability with all critical features and functions
- Lifetime Warranty and Technical Support charges included in purchase cost
- Prior experience working with Amer Products and Technical Support Staff
- Total Cost of Ownership savings of 34% verses more widely known competitor brands.

Total Cost of Upgrade: less than \$5,000!



SS3GR1026L Layer 2/3 switch

Amer offers investment protection programs such as our "Transition to AC Wireless" program that ensures your District network will be ready for 1 Gig wireless at least cost.

Amer Networks systems are available on the NYS public sector technology contract. Contact us for your local technology re-seller.

Michael Sharpe, National Sales Manager

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Keep Traffic Moving in your District

"We have 25 schools coming into the Technology Center from two main directions. The traffic has continually increased over the years as we continue to implement 1:1 and BYOD initiatives. We asked Amer Networks to come in and recommend the best solution to help alleviate the congestion."

- Chris Thornton

Some information about how we keep traffic moving!