

CNC Microtech Case Study:
Hilton Central School District
Meru outperforms Cisco in the classroom

Hilton Central Schools had a problem. Things were moving slow. The students and staff were moving fast, but their internet access continually slowed to a crawl. Using Cisco's 1200 and 1300 series "Fat" AP's resulted in consistently slow log in times, a slow print process, and a wireless system that was hard to manage. It grew to the point that teachers would choose not to use laptops to supplement their teaching experience because it would take the class over 15 minutes to log in.

"CNC Microtech has proven to be the most knowledgeable, dependable company that offers the best of breed in technology."
-Josh Ennis

That's when they decided to give Meru a test run, through CNC Microtech. Needing a solution that offered the ability to expand and that could be relied on frequently, it was clear that Meru was the solution of choice.

The best way to display Meru's superior solution was to hold a "bake off" between Meru and Cisco. With thirty student volunteers all logging in on laptops at the same time, a Meru 208 system with two radios took just two minutes to log in to. However, a Cisco system running two access points with non-overlapping channels (15 students to one AP, 15 to the other) took over 15 minutes to access. When the ante was upped to 60 students at once, the Meru system only took four minutes – they chose not to even try the Cisco system.



The first immediate benefit that the Hilton Schools found was the speed. Using mobile labs in the classroom no longer was a chore and the ease of use amazed both teachers and students. The system didn't require the micro-management of the IT staff that the old system needed.

“Originally we chose CNC Microtech because they were the reseller that brought us Meru, now it is because they have proven to be the most knowledgeable, dependable company that offers the best of breed in technology. I’ve come to trust CNC Microtech over the years and they brought a solution to me that was superior to the rest, the working relationship I have with their office has been fantastic and they are the best company I’ve ever dealt with.”

– Josh Ennis, Hilton Central School District’s IT Director



Hilton Schools has been so impressed with CNC Microtech and their Meru system that they upgraded their original 25 AP controller with a few access points to pervasive coverage throughout the school district with 802.11n technology – the cream of the crop.

CNC Microtech was also glad to help deploy an IP video/security system that integrates into their existing network. This means that they will have long-term flexibility for school growth and futuristic capabilities that go well beyond simple surveillance...and into the world of video analytics that are revolutionizing IP camera capabilities.



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