

Randolph

Community College Counts on NeuShield to Protect Data

Randolph Community College, or RCC, located near the geographic center of North Carolina, needed to protect its digital assets, faculty, and students from potential cybersecurity threats. RCC is one of 58 community colleges located within Randolph County, where a number of schools have been targeted with ransomware attacks. As a result of the growing threat, RCC has taken proactive measures to protect its data from malware attacks, like ransomware.

RCC's main campus is in Asheboro, with two additional locations, the Archdale Center and the Emergency Services Training Center. Rather than reacting to an actual breach, which can result in months of recovery, rebuilding and replacing systems and devices, the college chose to take a preemptive approach with data protection software.

The Problem

RCC has approximately 3,000 students and 500 administrative and faculty users, with endpoints that rely upon diverse applications within its dedicated network and across the Internet. While their email, data warehouse, and the emergency alert system run on-premises, RCC is transitioning the web-based CIS to the cloud. Due to COVID-19, RCC users are primarily working from home, and there is expectation that a significant number will continue to work remotely, post-pandemic.

The college knows it's just a matter of time before they experience a malware attack. If an educational institution sustains a ransomware breach, there are federal and state regulations that prohibit it from paying a ransom. It's a lose-lose situation for the bad actors, and for the institutions that can lose data, time, resources, and money restoring and rebuilding.



The Solution – NeuShield Data Sentinel

RCC needed a solution it could cost-effectively deploy and manage, and one that would allow the college to get back up and running quickly.

“We chose NeuShield’s Data Sentinel to protect our digital assets,” says Matt Dixon, Security Operations at Randolph Community College. “I’m a realist. I understand that it’s a matter of when it will happen, not if it will happen. Every organization is vulnerable, and we simply must

protect our students and faculty, and remain operational. Our goal is to reduce the impact. In the event of a breach, the real pain is in the time, people, and financial losses involved in restoring and rebuilding infected systems and endpoints. NeuShield will certainly help us to get back up and running quickly, when a malware event occurs.”

RCC discovered NeuShield’s unique software solution that allows the college to avoid data losses and system infections, by placing a virtual shield over all their digital assets. Time is of the essence in these situations, and with NeuShield, the process of getting back to pre-event status is a one-click process.

Another advantage NeuShield provided RCC was the quick time to install and deploy, and the intuitive interface that makes it easy to walk through the restoration process with non-technical users. It took only five days for RCC to deploy NeuShield across its entire user-base. While the product is easy to install and deploy, the NeuShield technical support team was extremely responsive when the college had questions.

“Compared to other solutions, NeuShield Data Sentinel was very affordable, and the solution is so

unique, they really have a first mover advantage,” says Dixon. “This made our decision to choose them a no-brainer.”

The Result – Peace of Mind

Knowing NeuShield will help them remain operational, revert the damage, and recover all the data quickly is a significant benefit:

- The ability to quickly scale the restoration and recovery of systems and endpoints within a day, versus a month or more, is a huge advantage.
- NeuShield remote restore allows the college to manage and restore user endpoints wherever they are. They can block and contain endpoints if there is an incident and restore them remotely.
- NeuShield dramatically minimizes the attack surface, and the data protection complements the college’s other digital security and protection solutions, such as remote backup and segmentation.

About NeuShield

NeuShield delivers a revolutionary approach to data protection. Rather than trying to detect and block threats one-by-one, the company’s patent-pending NeuShield Data Sentinel product shields important data to prevent threats from modifying it. Businesses and consumers use NeuShield Data Sentinel as a simple, reliable, and budget-friendly way to revert digital files and devices back to their pre-attack state when other malware defenses, like antivirus and anti-ransomware, fail.