



“Mojo Networks delivers a level of insight into our network that a wireless controller simply can not provide.”

-Ricky Wallace, Network Support Technician, Santa Rosa County School District

Highlights

- Accurate detection of rogue access points and other wireless threats without false alarms
- Precise location tracking of rogue and other WiFi devices without manual site surveys
- Automatic prevention stops wireless threats immediately, decreasing the need for IT staff to travel to each school
- Compliance with Children’s Internet Protection Act
- Cloud management enables IT staff to manage the network from anywhere and from any device

Benefits

- Gain immediate visibility into the presence of rogue devices and types of WiFi clients on the network
- Get actionable insights to quickly troubleshoot and resolve issues which was not possible with a wireless controller
- Eliminate physical searches for rogue devices using Mojo’s automated detection, prevention and location tracking
- Deliver safe Student and Teacher WiFi for high density, digital learning environments secured by Mojo AirTight, the industry leading WIPS

A Superior Network Experience

Santa Rosa County School District in Milton, Florida has centered its mission on providing a superior and relevant education for its 30,000 students in 31 elementary, middle and high schools. With the ever-increasing integration of the Internet and technology in course curriculum, the School District recognizes an even greater importance of creating a safe and seamless online learning experience for both students and faculty.

The Challenge

With WiFi fast becoming the prevalent network access technology in schools, a secure and reliable WiFi network was the key for delivering a pristine user experience on an ongoing basis. For this purpose, the School District was looking for a comprehensive WiFi network monitoring and security solution that would provide complete visibility and control of the wireless airspace, which was lacking in the wireless controller solution it had deployed. With a small central IT staff, the ability to remotely manage and quickly troubleshoot WiFi networks across their 31 schools was also crucial.

The Solution

After evaluating the various solutions available in the market, Santa Rosa School District chose Mojo Networks for its best-in-class wireless intrusion prevention (WIPS) solution, that would not only secure their network with leading edge, patented technology, but would also provide greater network visibility and troubleshooting capabilities, something they were lacking with the wireless controller. After installing over 500 Mojo C-75 Access Points with integrated WIPS technology and managed from the Mojo Cloud, the primary Network Support Technician for the District, Ricky Wallace, immediately saw the benefits.



“With Mojo Networks, we can quickly identify and pinpoint Rogue APs and shut them down immediately. Before, we had little visibility into if there was a Rogue device, and if so, it could take hours to locate using a physical search.”

– Ricky Wallace, Network Support Technician

Security

The Mojo AirTight WIPS effortlessly integrated with Santa Rosa's existing WiFi infrastructure. Powered by Mojo's portfolio of patented wireless intrusion detection and prevention techniques, Mojo AirTight provides 24/7 visibility into and complete control over wireless activity in the airspace, allowing the School District to maintain the integrity of the network while actively protecting its students and staff. With the Mojo solution, Ricky and the rest of the IT Staff can quickly identify and actively prevent access to unauthorized networks.

Visibility and Troubleshooting

The lack of a deeper level of insight and visibility of their WiFi network was a major pain point for the dozen member of the District's IT Staff. Their current wireless controller did not provide the team with the remote WiFi monitoring and troubleshooting capability they were looking for nor did it provide the ability to instantly detect security threats and act accordingly. With the Mojo Networks solution, Ricky and his team can instantly view and access network threats such as rogue devices, mobile hotspots or other interference. Without the Mojo technology, it was difficult for Ricky to know if there were any Rogue APs, and if so, finding them was even more difficult. Now Ricky can instantly pinpoint the exact location of a rogue device, thanks to Mojo's patented stochastic location tracking algorithm that just works without the need for any manual site surveys. This means that he no longer has to travel to a school and spend hours looking for the device in question. Any IT staff member can access the network from their device of choice and troubleshoot instantly.

Student Safety and Access

The Children's Internet Protection Act (CIPA) is a law designed to protect minors from accessing inappropriate adult content while in schools or libraries. School districts must certify that they are in conformance with this law when applying for E-rate discounts. Many schools rely heavily on E-Rate discounts to help stretch their tight budgets for networking and telecommunications equipment. Schools commonly use a Web content filter or a firewall to ensure that inappropriate Internet web sites cannot be viewed by students when they are on school property.

Unfortunately, unmonitored wireless connections can completely bypass this protection, putting the school at risk of being in violation of CIPA. For instance, students could inadvertently or purposely connect to unsecured WiFi networks or hotspots in the neighborhood and gain access to inappropriate content while on school premises. Doing so, they could also be at the risk of malicious hacking, e.g., honeypot or man-in-the-middle attack. With Mojo AirTight, the industry leading WIPS, Santa Rosa can automatically identify and block any unauthorized WiFi activity and secure the school against wireless threats, maintaining compliance and not jeopardizing E-Rate funds.

About Santa Rosa County District Schools

Santa Rosa County School District is based in Milton, Florida and has a total enrollment of 30,000 students divided between 17 Elementary Schools, 7 Middle Schools and 7 High Schools. Each Santa Rosa school has their own unique Mission, which are supported by the District's goal to "Plan a Path for Excellence". By laying the foundation for success, the Santa Rosa County School District is providing each student with the opportunity to learn, grow and prepare for the next stage of their life's journey.

For more information visit Santa Rosa County School District online at <https://www.santarosa.k12.fl.n/>



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