



***“VCAAMS™ uncovered our gaps and weaknesses and allowed us to address basic wiring concerns and adjust our network design. We believe this will enable us to meet the greater demands of our users and continuously improve our network services for the future.”***

**- Brad Hagg-Director of Technology**

**Scope of work** – Document, test, and label existing communications and network infrastructure; provide manageable electronic floorplans with data associated with each location; provide rack elevation drawings for every Telecom Room in Warsaw High School, Lakeside MS, and Edgewood MS.

**Client Request** — Warsaw Community Schools asked GS DocS to provide a solution that not only showed where all existing active Communication and Network Infrastructure was located but also certified each termination to verify capability for current and future use.

**Major challenges** – Warsaw High School had eight generations of infrastructure and culture. Each culture had different priorities, resulting in inconsistent patterns for location, termination and labeling. Many locations were not labeled at all, and many locations had both 6 and 8-conductor terminations. The existing documentation and floorplans were outdated, and several locations were not notated on any existing database.

**GS DocS Solution-** In the absence of existing documentation, the first task was to develop electronic floorplans to discover the location of all Communication terminations. After completing the discovery, GS Docs built the database, integrated the data, and commenced the testing and labeling process. Utilizing state-of-the-art cable certification methodology and equipment, our technicians meticulously tested every 8-conductor location and labeled (or relabeled) each port to TIA 606-B standards.

**Final Results** –GS DocS provided Warsaw Community Schools with manageable electronic floor plans showing each data location in the facility and its corresponding troubleshooting information. This allowed the technology staff to efficiently document every add, move, and change, quickly resolve outages, and update their systems without concerns about outdated network infrastructure. Additionally, we supplied rack elevation drawings for every Telecom Room in the high school, as well as reports on the test results recording every location and port for current and future use.

**Brad Hagg States**

*“One of the greatest challenges that IT groups face is keeping track of network changes and confirming that our documentation truly matches what is installed throughout the enterprise. The VCAAMS™ process helps us ensure that our documentation stays up-to-date with our rapidly changing environment and that our network assets are performing as anticipated.”*

**As Elaine Bultemeier states:**

*“Preparing our network demands for the future is always at the forefront of any decision we make. You cannot make decisions about what you need without knowing what you have. Additionally, as more devices and systems appear on our network, the demands for those services increase. We have also seen an increase in the expectations of our users that our network resources be available 24x7. Finally, our response to network outage issues must be appropriate for the problem. These considerations require us to have the most up to date information about our network devices and resources. The decision to move forward with the VCAAMS™ project resulted in a desire to get a handle on the condition of our infrastructure and to determine our networking needs. “*