



SACS

SOUTHWEST ALLEN COUNTY SCHOOLS

- **"The ability to use VCAAMS™ has significantly reduced the time it takes to troubleshoot network issues. The time savings alone is cost justification to have VCAAMS™."**

● -Don Chase, SACS Director of Technology

Clients Request- GS DocS was asked to provide SACS with a solution for every school in the district that not only finds where every existing active Communication port was located, but also trace the patch cords in the data racks to know what patch panel port is attached to which switch port. SACS also requested electronic files detailing the rack elevations within each Telecom Room.

Major challenges –SACS had existing documentation in hard copy as-built prints and multiple spreadsheets for the Communications Infrastructure. They had system management tools for each technology, but no single repository for the information or system to use nor manage all the disperse information. The existing floorplans needed substantial modifications since the existing electronic floorplans nor the data information has a proper methodology to include any new moves, adds, or changes.

Each building had most faceplates labeled, but the documentation had not been updated since the data cabling had been initially installed; therefore, the SACS staff couldn't rely on the validity of the data.

GS DocS Solution- We enhanced the existing electronic floorplans so each communication location could be discovered. GS DocS staff walked every room and notated where every faceplate and jack were located on the walls, floors and ceilings. While the discovery was being completed, the staff was also documenting the racks and created the electronic rack elevation files. The database was built utilizing both the existing nomenclature and associated each port to TIA 606-B standards. The data was then integrated into the floorplan.

Final Results – Southwest Allen County Schools received fully manageable electronic floorplans so every add, move and change can be documented, and any troubleshooting can be quickly addressed since all the Communications ports are at the fingertips of entire IT staff. The data for each port also includes which switch port patched to which patch panel port. This provides SACS with a complete infrastructure pathway from PC to wall plate to patch panel to switch port. The technology staff now has the tools to update their systems without concerns that the communications infrastructure documentation is out of date.

Don Chase also states:

The ability to identify a port that is causing a problem and rebooting that port from the technician's computer is where time is saved. This is invaluable when an IP security camera needs to be "rebooted". All we need to do is go to VCAAMS™, identify the port, shut it down, then start it back up. VCAAMS™ help us identify those ports quickly and easily.

Since going to the VCAAMS™ system, I now have an interactive database that I can pull up a map and click on a data drop or access point and see all the relative information including the cable run, IDF, switch port, blade, and room number as well as location within the room."