PROJECT SPOTLIGHT

PROJECT SNAPSHOT

SHERMAN HIGH SCHOOL

CAMPUS-WIDE CABLING, SECURITY AND AV FOR A 527,000 SQ. FT. HIGH SCHOOL

CLIENT
Sherman ISD

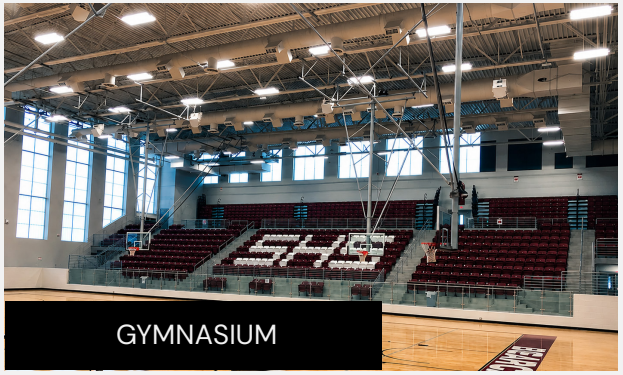
LOCATION
Sherman, Texas

SPACE
Three buildings
527,000 sq. ft
100 acres

NCS SCOPE
Structured Cabling, Security and Audiovisual

THE PROJECT STORY

STUDENT COMMONS



GYMNASIUM

2300+
COMMSCOPE CABLES

380
AXIS CAMERAS

262
WIRELESS ACCESS POINTS

BUILT FOR DAY-ONE OPERATIONS.

NCS coordinated the technology scope across three buildings so Sherman ISD could open its only high school with a unified foundation for data, Wi-Fi, security, communications, audiovisual and paging. The multi-phase installation was designed to scale as enrollment and technology needs evolve.

THE CLIENT

Sherman ISD serves more than 7,400 students across 12 campuses in Grayson County. The district's new three-story high school was built to serve a growing community of about 2,200 students, with academic, career and technical education, fine arts and athletic spaces under one campus plan.

THE CHALLENGE

Because this is the district's only high school, the technology systems had no fallback. Connectivity, security and communications had to be ready when the doors opened, while three buildings - including performance venues, classrooms and indoor/outdoor athletics - each brought different network, security and AV requirements.

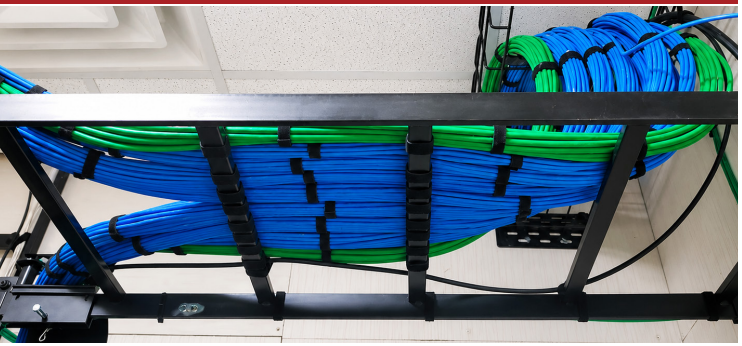
THE SOLUTION

Sherman ISD opened with campus-wide data, voice, video and Wi-Fi; centralized video security and controlled entry; and AV, event streaming, paging and alert capabilities built in from the start. The coordinated foundation gives the district one scalable platform to support daily instruction, events and future growth.

THREE SYSTEMS. ONE CAMPUS-WIDE TECHNOLOGY FOUNDATION.

NCS integrated structured cabling, physical security and audiovisual systems across three connected buildings to support instruction, operations, events and emergency communications.

STRUCTURED CABLING

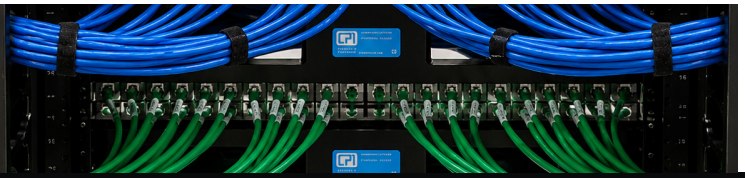


01 2,300+ CAT 6 CABLES
CommScope cabling supports campus-wide data, voice, video and Wi-Fi.

02 25 IDF ROOMS
Armored multimode fiber and copper backbone connects the MDF to distribution rooms across the facility.

03 262 WIRELESS APS
Single- and dual-wall access point locations extend coverage across all three buildings.

04 IP PHONE SYSTEM
The network foundation also supports the district's new IP voice system.



PHYSICAL SECURITY

01 380 AXIS CAMERAS
Indoor and outdoor cameras feed a central security control room through Genetec Security Center Omnicast.

02 60 ACCESS-CONTROLLED DOORS
Major entrances are managed through the district's access-control environment.

03 UNIFIED SECURITY VIEW
Video, access control, intrusion detection and communications are brought together for operational visibility.

04 6 EMERGENCY + 9 INTERCOM
Talk-A-Phone emergency systems and IP Force intercoms extend communications at key locations.

AUDIOVISUAL

01 CAMPUS-WIDE AV
Integrated systems serve the cafe, gymnasium, auditorium and classrooms using Extron, BSS, Shure and other platforms.

02 EXTRON CONTROL
Room control gives district staff a consistent way to operate and support AV functionality.

03 AV OVER IP STREAMING
Live presentations can be distributed across campus for remote viewing during events.

04 PAGING + ALERTS
NCS provided infrastructure and loudspeakers for the district's Extron GVCCS IP paging and alert system.

PLANNING A NEW CAMPUS OR FACILITY?

Contact NCS to plan your technology infrastructure from day one.

281-484-1777 SALES@NCS-TX.COM WWW.NCS-TX.COM

TEXAS OFFICE LOCATIONS

- HOUSTON
- GALVESTON
- DFW
- CORPUS CHRISTI
- RIO GRANDE VALLEY