PROJECT SPOTLIGHT

PROJECT SNAPSHOT

ncs

CITY OF RICHLAND HILLS
FIRE & RESCUE FACILITY

STRUCTURED CABLING, AV + SECURITY
FOR AN ALWAYS-READY STATION

CLIENT
Steele & Freeman, Inc.

LOCATION
Richland Hills, TX

PROJECT
10,800 sq. ft.
$5.5M construction

NCS SCOPE
Structured Cabling, AV
+ Physical Security

THE PROJECT STORY

APPARATUS BAYS

FIRE & RESCUE FACILITY

10,800
SQ. FT. FIRE & RESCUE FACILITY

66
PANDUIT CAT 6 CABLES

15
WIRELESS ACCESS POINTS

THE RESULT: CONNECTED AND READY TO RESPOND

NCS delivered the cabling, wireless and security foundation behind the new station. From connected communications spaces to video surveillance and controlled access, the infrastructure supports a secure home base for crews who serve Richland Hills every day.

THE CLIENT

The City of Richland Hills relies on 17 full-time fire and rescue personnel, all trained as EMTs or paramedics, to answer calls around the clock. Designed by RPGA Design Group and built by Steele & Freeman, the new station replaced a facility dating to 1971.

THE CHALLENGE

When every second matters, operational technology needs to be ready. The station required connected communications and control spaces, wireless access for daily operations, and coordinated surveillance and controlled entry throughout a busy public safety facility.

THE SOLUTION

NCS equipped the entire telecommunications network with 66 Panduit Cat 6 cables, 11 RG6 coax cables, 15 wireless access points and CPI racks. Avigilon cameras, Lenel S2 readers, door contacts and motion detectors provide visibility and controlled entry. NCS also supported the communications and control spaces through its AV scope.

CONNECTED TECHNOLOGY FOR 24/7 EMERGENCY RESPONSE.

NCS delivered the communications, wireless and security foundation for a modern, always-ready fire and rescue station.

STRUCTURED CABLING + AV SUPPORT

66 PANDUIT CAT 6 CABLES
Network cabling forms the facility telecommunications backbone.

11 RG6 COAX CABLES
Coax cabling supports the station-wide low-voltage infrastructure.

15 WIREless ACCESS POINTS
Wireless connectivity supports mobile, day-to-day operations.

CPI EQUIPMENT RACKS
Organized rack infrastructure helps secure and manage network equipment.

ONE INTEGRATED LOW-VOLTAGE FOUNDATION

Structured cabling, AV, security, wireless, and backbone connectivity were planned as one coordinated low-voltage foundation. Each system was designed to work together across the station. That integration helps simplify support, improve daily operations, and support emergency response. It also gives the City a dependable technology foundation for future needs.

SECURITY + CONNECTIVITY ACROSS THE FACILITY

01 COMMUNICATIONS HUB

Technology infrastructure supports communications and control spaces.

02 APPARATUS BAYS

A connected facility supports round-the-clock fire and EMS operations.

03 WIRELESS ACCESS

15 wireless access points extend connectivity through the station.

04 VIDEO SURVEILLANCE

Avigilon cameras cover interior, exterior and access areas.

05 CONTROLLED ENTRY

Lenel S2 card readers and door contacts help manage access.

06 SECURITY DEVICES

Integrated cameras, access control, door hardware and monitoring strengthen facility security.

PLANNING A PUBLIC SAFETY OR MUNICIPAL FACILITY?

Contact NCS to plan structured cabling, AV and security from day one.

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