PROJECT SPOTLIGHT

PROJECT SNAPSHOT

ncs

CHRISTUS SPOHN HOSPITAL SHORELINE

STRUCTURED CABLING, SECURITY, AND AUDIOVISUAL SOLUTIONS FOR A 10-STORY PATIENT CARE TOWER

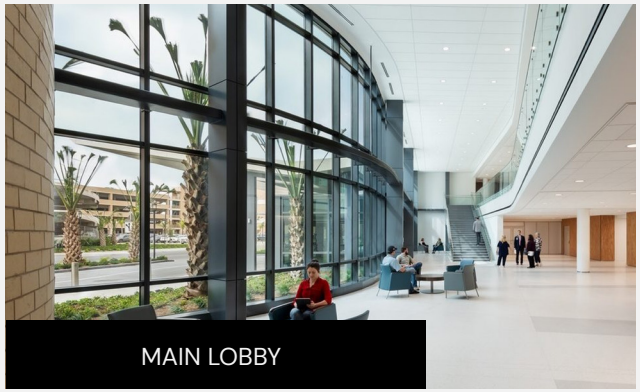
CLIENT
CHRISTUS Health

LOCATION
Corpus Christi, TX

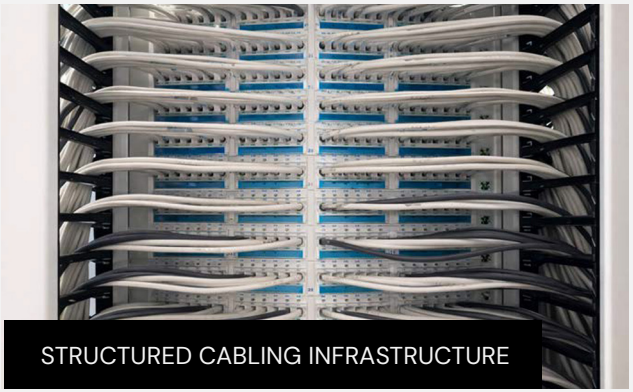
NCS SCOPE
400,000 sq. ft., 10-story tower

NCS SCOPE
Structured Cabling, Security, and Audiovisual

THE PROJECT STORY



MAIN LOBBY



STRUCTURED CABLING INFRASTRUCTURE

5,000+
CATEGORY 6 CABLES

8
IDF CLOSETS

200
PATIENT ROOMS

BUILT FOR CONNECTED CARE.

NCS delivered a standards-based foundation that supports daily operations today while giving CHRISTUS Spohn room to scale for future healthcare applications.

THE CLIENT

CHRISTUS Health developed the Shoreline patient care tower to expand care capacity in Corpus Christi and support a modern healthcare environment with emergency, trauma, inpatient, diagnostic, and support spaces under one roof.

THE CHALLENGE

The 400,000 sq. ft. tower required a reliable network foundation for voice, data, security, and audiovisual systems across a 24/7 clinical environment. NCS had to meet an aggressive construction schedule, work through tight spaces across nine floors, and create pathways where no ceiling cable tray system existed.

THE SOLUTION

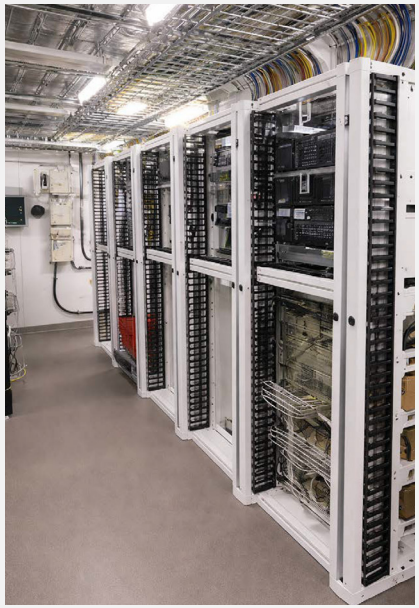
The completed solution delivered reliable infrastructure for patient information systems, VoIP, wireless communications, environmental controls, security, and multimedia applications. The Shoreline tower gained a scalable technology foundation that improved visibility, reliability, and long-term operational performance.

Some solution graphics on page 2 are illustrative representations.

CONNECTED INFRASTRUCTURE THAT SUPPORTS CARE, SAFETY, AND COMMUNICATION.

NCS delivered a scalable backbone for voice, data, security, and audiovisual systems across a 24/7 healthcare environment, helping CHRISTUS Spohn support current operations while preparing for future growth.

STRUCTURED CABLING FOR A 10-STORY CARE TOWER



5,000+ CAT 6 CABLES
Horizontal cabling across patient care, support, and operational spaces.

FIBER BACKBONE
Single-mode and 50-micron multimode connectivity across the tower.

1 MDF + 8 IDF CLOSETS
Main distribution on the first floor with IDF rooms serving floors 2–9.

CUSTOM PATHWAYS
J-hook routing used where ceiling cable tray pathways were unavailable.

STANDARDS THAT SCALE
Installed to CHRISTUS Spohn IT department standards, BICSI guidelines, and TIA standards, the Shoreline tower created a dependable infrastructure benchmark. The structured cabling design and installation standards developed for this project were later adopted by Texas A&M University–Corpus Christi after facility evaluation.

SECURITY AND AUDIOVISUAL FOR HEALTHCARE ENVIRONMENTS

01 VIDEO SURVEILLANCE

Infrastructure supporting visibility in public, clinical, and operational areas

02 ACCESS CONTROL

Controlled access for telecom spaces, staff-only zones, and restricted areas

03 WAITING AREA DISPLAYS

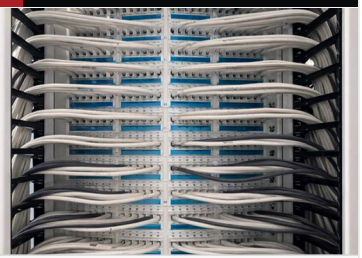
Audiovisual support for patient information, announcements, and public communication

04 STAFF COLLABORATION

AV-ready meeting, training, and coordination spaces for hospital teams

05 CLINICAL COMMUNICATIONS

Support for paging, information sharing, and connected care workflows

06 SCALABLE NETWORK FOUNDATION

Backbone ready for VoIP, wireless, security, and future healthcare applications

Illustrations represent representative security and audiovisual solution types supported by the installed infrastructure.

PLANNING A NEW FACILITY OR EXPANDING AN EXISTING CAMPUS?

Contact NCS to plan your structured cabling, security, and audiovisual systems 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