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UTILIZING NETWORK TECHNOLOGIES AS A WELLNESS TOOL

Hospitals are 24/7 environments requiring innovative network infrastructure, audio visual, and smart building technologies. This makes it vital to select an IT network infrastructure designed to not only meet the demands of today but also capable of supporting future healthcare applications.

STRUCTURED CABLING

- Building to Building OSP (Outside Plant)
- Design Build (RCDD on Staff)
- Category 5E, 6, 6A and Shielded Cabling Solutions
- VoIP (Voice over Internet Protocol)
- Fiber Optic Fusion Splicing
- Voice & Data Copper Cabling Infrastructure
- Wireless AP Installation and Mapping
- Grounding and Bonding Systems
- Re-Cabling and Overall Cleanup of Old Closets
- Third Party Inspection/Certifications
- IT Department Support
- Moves, Adds, and Changes
- Infrastructure Audit & Documentation
- Telecom Room Clean Up
- 24/7 Emergency Response

SECURITY

- Access Control
- Video Surveillance
- Code Blue and Talk-a-Phone
- Visitor Management
- Thermal Detection
- Metal Detectors
- Turnstiles
- Aiphone
- Panic Buttons

WIRELESS & LIGHTING

- POE Lighting
- WiFi/Wireless Access Points
- Wireless Bridges & Point-to-Point
- Wireless AP Installation and Heat Mapping
- Emergency Responder Radio Antenna Systems/Public Safety DAS/ Cellular DAS

AUDIO VISUAL

- Sound Masking
- Paging
- CATV & IP TV
- Interactive Touchscreen Technologies
- Telemedicine
- Wired and Wireless Presentation Capabilities
- Digital Signage
- Interactive Maps and Wayfinding Signage
- Video Conferencing and Unified Communications
- Intelligent Room or Building Automation
- Remote Training

THE HOSPITAL OF THE FUTURE: A CASE STUDY



THE CHALLENGE

Design and install an integrated network infrastructure that allows digital connectivity to work seamlessly across all platforms and care settings while meeting an aggressive construction schedule.



THE SOLUTION

A robust IT infrastructure utilizing a state-of-the-art copper and fiber-based cabling for real-time collaboration, monitoring and control, as well as complete visibility throughout the entire facility.



THE IMPACT

The building and the network accessibility within the facility complement one another to allow CHRISTUS healthcare providers to work seamlessly with team members from many disciplines to improve productivity, reduce patient wait times, and provide quicker healthcare services.

READ THE FULL CASE STUDY

The environment for hospitals and healthcare facilities is a daunting one due to the numerous challenges related to the management of patient records and diagnostics data. Once data is created it must be transmitted, verified, managed, and properly stored in a secure manner. This requires not only an effective network backbone with the bandwidth and hardware to support these challenges but a thorough knowledge of the healthcare environment.

SOLUTIONS FOR HEALTHCARE CLIENTS



WIRELESS & WI-FI

Allow doctors to access data and contact patients on the go. Our cost-effective, secure solutions provide superior performance and uninterrupted coverage for tablets and mobile phones throughout.



SOUND MASKING

Sound masking helps to increase patient privacy, rest and relaxation. Studies have shown sound masking dramatically increases patient satisfaction resulting in boosted HCAHPS scores.



STREAMING CAPABILITIES

Allow for stable, high bandwidth events such as telemedicine appointments, and high definition medical-grade monitors in operating rooms.



COMMUNICATION SYSTEMS

Allow for mass notification systems, paging, nurse call and intercom systems, all with sound masking capabilities.



ACCESS CONTROL

Get locks, entry devices and door alarms to assist in protection against external threats and compliance with regulations for today's needs.



VIDEO SURVEILLANCE & CCTV

Add an extra layer of security to your healthcare facility by deterring theft or violent behavior while meeting the demands for patient privacy.

HEALTHCARE CLIENTS

- Children's Health
- Christus Health System
- Kelsey-Seybold
- MD Anderson
- Shriners Hospital
- Texas Children's Hospital
- UTMB
- VBMC-Tenet

Structured Cabling | Audio Visual | Security | PoE Lighting | DAS



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