

Based on more than 30 years of design and development, Tech Works Nurse Call systems enable any new or existing facility to integrate all of the features and benefits of digital communications technology, without the need for expensive rewiring and configuration.

By implementing a simple, legacy-compatible wiring system, Tech Works has achieved the ultimate in competitive performance. Designed from the ground up to provide the ultimate in reliability and performance, Tech Works NC systems are designed to easily install and operate over existing wiring, or via economical CAT5 cable. Easily and seamlessly integrating with existing systems, Tech Works NC systems' low power circuitry is economical and virtually maintenance free.

With a wide variety of patient station and annunciator / call reporting options, and the brightest, most reliable dome lights available, Tech Works NC systems can be custom configured from a single station to a fully integrated 256-station system with computer oversight.

NC Series

Nurse Call Communication System

BENEFITS

- Reliable Signaling
- No Maintenance
- Low Power
- Simple Wiring
- Easily Integrates with other Systems
- Attractive Station Hardware
- Super Bright
- Wide Angle Corridor Light

Design Information

Power	24V DC
Color	White
Wiring	3conductor circulating + one conductor home to central equipment from each room or A single CAT5 home run from each room



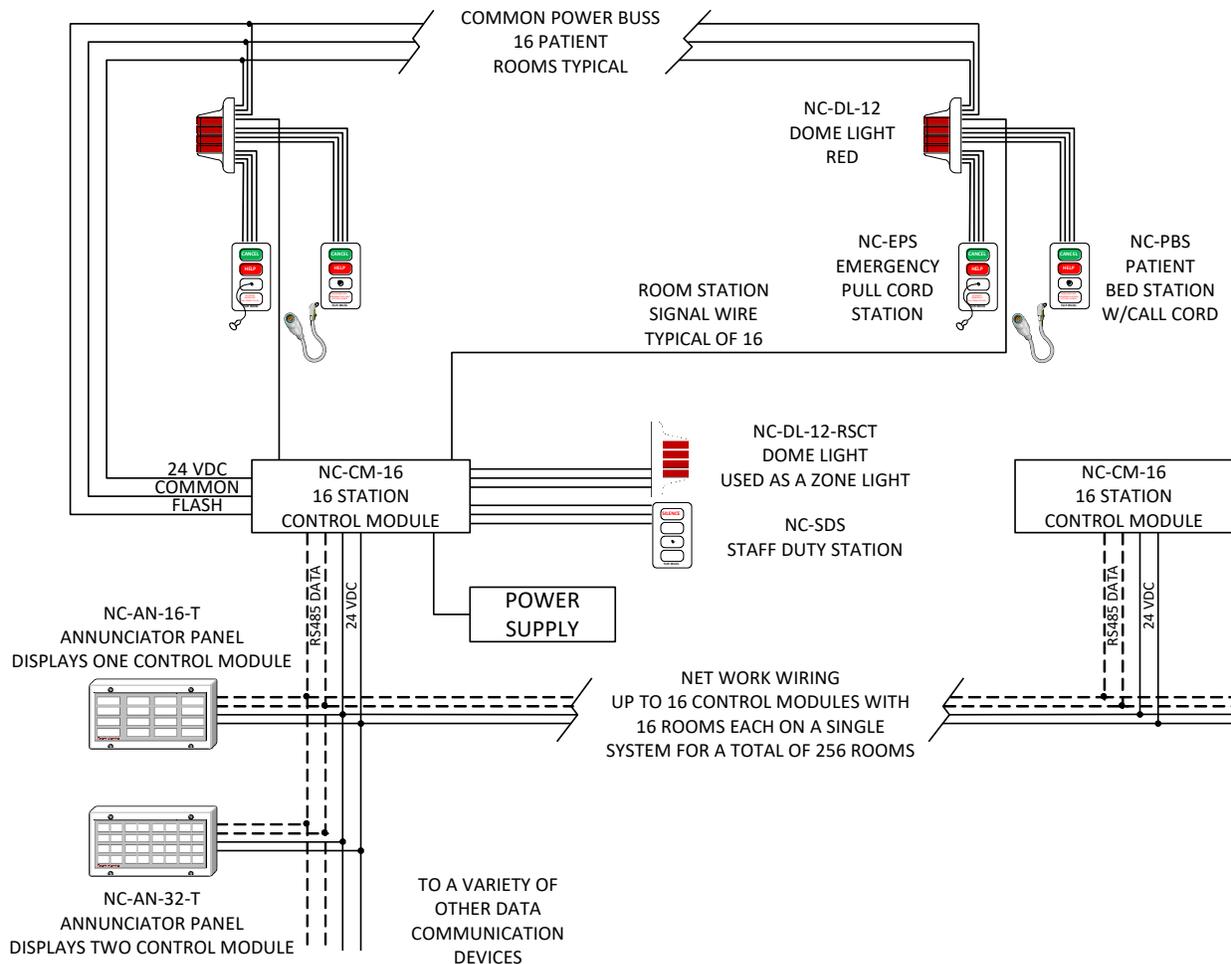
Tech Works®

"Making Specialized Communication Easy"



Tech Works wiring solution

Tech Works NC NURSE CALL SYSTEM WIRING



The Dome Light uses discrete logic to control the patient room stations and indicate their status through LEDs. The Dome light then uses the single conductor annunciator wire to communicate with a Digital Control Module. The Control Module then converts the simple logic from the Dome Lights to RS485 communication to share the status of all room dome lights with other RS485 smart annunciators and bridges to other communication protocols.

By bridging the RS485 Tech Works Network Communication to traditional IP products like PCs, the communication experience is limited only by your imagination. By adding tools such as the Tech Work Integrated Messaging and Reporting system, users can see the status of Nurse Calls on their Desk Top, Tablet, or Smart Phone. By integrating to other technologies such as wireless pocket page and digital signage, the Nurse Call activity can be sent to anyone who needs to know both locally and remotely.

Because with Tech Works systems everything starts out digital, we can share it with the digital environment.

