



Application – Day Surgery **Tech Works Solution – Light-Call**

General Description -

Today, so much of modern medicine is done on an outpatient basis. Surgery that used to take a long Hospital stay is sometimes done in small Day Surgery Suites in Medical Office Buildings (MOB). In these simple Medical facilities the Nurse Call system requirement is much simpler than in acute care hospitals.

Tech Works can help. An advanced technology communication system that is simple to install can help identify Patient and Staff needs so that doctors and staff can quickly locate a patient or emergency without having to run to a Nurses Station or other central annunciator location. By locating simple call stations next to each bed, and a corridor light outside the privacy curtain around each bed, staff can see what is going on with less stress and confusion. The Light-Call system is designed to be flexible to handle all of a clinic's operational communications needs.

A central annunciator can be added at a Nurse Station to allow central reporting of all calls. Zone Lights, Duty Stations, and sub Annunciators can be located throughout the facility to alert staff to pending calls when they are in remote work areas or adjoining spaces. Because of the flexible Tech Works design these and other accessories can easily be added at any time without having to expand or upgrade expensive central equipment. There is no central equipment with Tech Works Light-Call so all you do is add what you need when and where it is needed.

Emergency Call / Lavatories – Staff Assistance and restrooms require Push for Help Buttons and Bath Pull Stations to allow Staff and Patients to call for help. By adding passive stations to a smart module these features reside on the same system as the other communication and display on the same annunciators. By adding "Tone" to a corridor light the Rest Room can stand alone if necessary.

Pocket Page and Personal Computer Report Management can easily be added to any system at anytime. Because the system information is already in a data format it can be converted to other formats and transmitted, stored, or printed with Date and Time stamp for a variety of purposes.

Basic system components:

| Product | Purpose or Function |
|----------------|---|
| 5251/5028 | Patient Station with Call Cord. 1 per Bed. |
| 5221-H | Staff Call for Help station. Located as necessary. |
| 5234, 5255 | Corridor Light provides quick recognition of bed status from a distance. 1 per Exam Room. |
| 5250-LCS | Intelligent control modules gather data from passive user interface stations. 1 per every 4 stations. Annunciator provides staff quick |
| 5201-LC | identification of up to eight exam rooms on a single panel 1 per 8 rooms. 1 Annunciator of appropriate type at each administrative location. |

Tech Works™



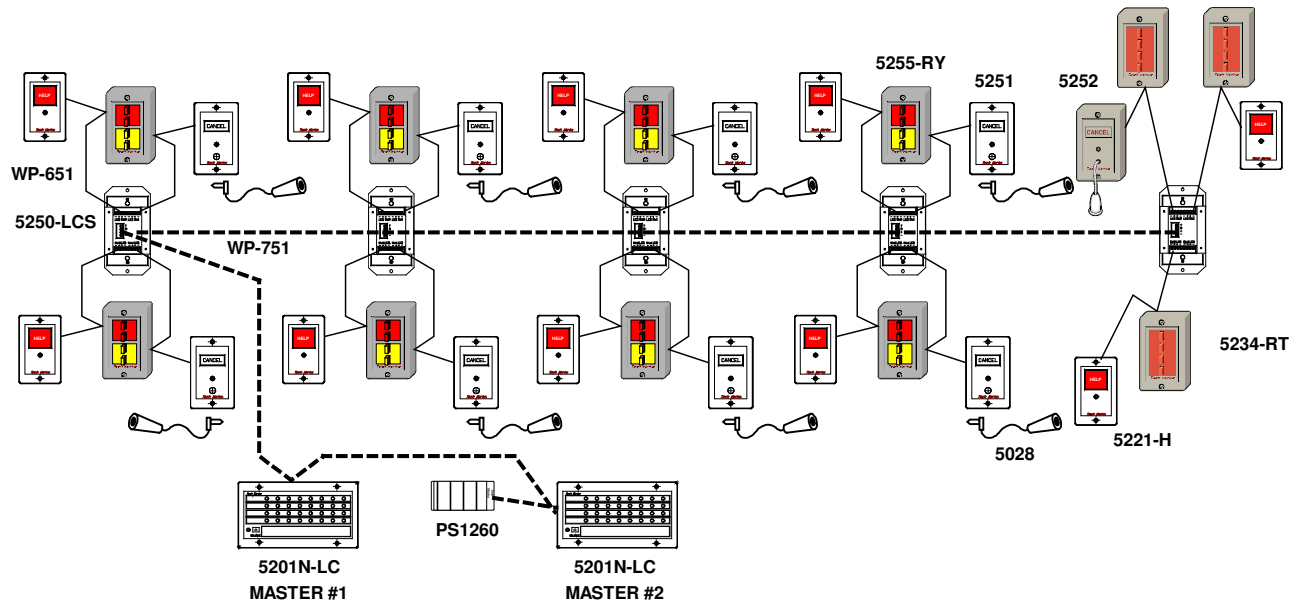
"Making Specialized Communication Easy"

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System Design Layout and Connections -



Components –

| <u>Qty</u> | <u>Part #</u> | <u>Description</u> | <u>Purpose / Use</u> |
|------------|---------------|----------------------------|--|
| 8ea. | 5251 | Patient Stations | One per Bed for System Input. |
| 8ea. | 5028 | Call Cord | One per Bed for System Input. |
| 8ea. | 5255-RY | Passive Corridor Light | One per Bed for System Output. |
| 10ea. | 5221-H | Push for Help | One per Bed for Staff to call for Help. |
| 2ea. | 5201-LC | Annunciator | One per system at central reception. |
| 5ea. | 5250-LCS | I/O Module | I/O processor for passive stations. |
| 1ea. | 5252 | Pull Station | Passive station for Public Restroom. |
| 3ea. | 5234-RT | Corridor Light | Passive corridor light for Lavatory and Special Procedure Areas. |
| 1ea. | PS1260 | Power Supply | Supply based upon load calculation. |
| 500ft. | 22/2 Pair | Cable to passive stations. | |
| 100ft. | 18/2 Pair | Network Wire | |

Benefits of using Tech Works – Light-Call^M

- Distributed intelligence allows for redundant operation without an expensive central controller.
- Simple wiring allows for quick installation and expansion as practice grows.
- Requires little or no training for staff members.