IMR-A
Integrated Messaging & Reporting

BENEFITS
- User Friendly
- Works on Standard PC's
- Provides Additional Workflow Solutions
- Upgraded Management Reports
- Wi-Fi compatible for use with portable smart devices

Tech Works Integrated Messaging and Reporting System (IMR) is a Linux based Status-Server that provides facility users with a Patient or Room Status tracking system and priority call indication. The IMR connects to the Tech Works Clinic Room Status Light system and or Nurse Call. Every light activity is logged in an SQL database with a time and date stamp. The IMR is a single hardware and software solution with a Linux computer built into the hardware. Each IMR includes 2 USB 2.0 ports for serial interface, 1 TCP/IP network interface, and HDMI and Line Level Audio outputs so that the unit can connect directly to a Video Monitor with Speakers. No additional Servers are required. Windows 10 Compatible.

The system acts as a web based server to display the system activity on any product able to display a web browser. That means that any Tablet, Smart Phone, or PC, with access to the IMR network, has access to view the graphics and system status from anywhere at any time. Through password protection users can access and print management reports to monitor productivity and patient activity. Integration / messaging such as Pocket Paging, Email or SMS Text Messaging are also available through this system via TAP, IP, or other ASCII protocols on a point by point basis.

Each "Light" can be labeled according to the function or use of the associated point on the system. Groups can be created and labeled to indicate a "Wing", "Floor", "Exam Room" or area of a property or building.

The initial screen is a status of all the points that the system has recognized. If new points are added the software will identify them and display them intuitively. There are two themes that come shipped with the product, List Mode or Group Mode. Custom Graphics of your facility Floor Plans are available.

Associated Systems

Nurse Call	NC – Series
Clinic Call	CC – Series
Modular Communication	MC -- Series
PS-2437A	Power Supply
TCP/IP	Standard Internet Routers and Switches
Interface	USB / Serial

Design Information

Power	24V DC (Power Supply Not Included)
Color	Light Gray Metal Enclosure
Mounting	DM - Desk Mount
	RM - Rack Mount
	RM2 - Dual Rack Mount
	WM - Wall Mount
Dimensions	8.5" W x 6" D x 1.75" H
Weight	2.6 lbs.

Architects' and Engineers' Specifications

The Integrated Messaging and Reporting System (IMR) shall be a Linux based Status-Server that logs and displays Patient or Room Status. Any device with access to the IMR network, shall have password controlled access to view the graphics and system status from anywhere at any time. The IMR shall include the ability to send messaging such as Pocket Paging, Email or SMS Text Messaging to other devices on a point by point basis. Each point in the associated system shall be labeled according to the function or use of the associated point on the system.

The Integrated Messaging and Reporting System shall be Tech Works IMR-A.

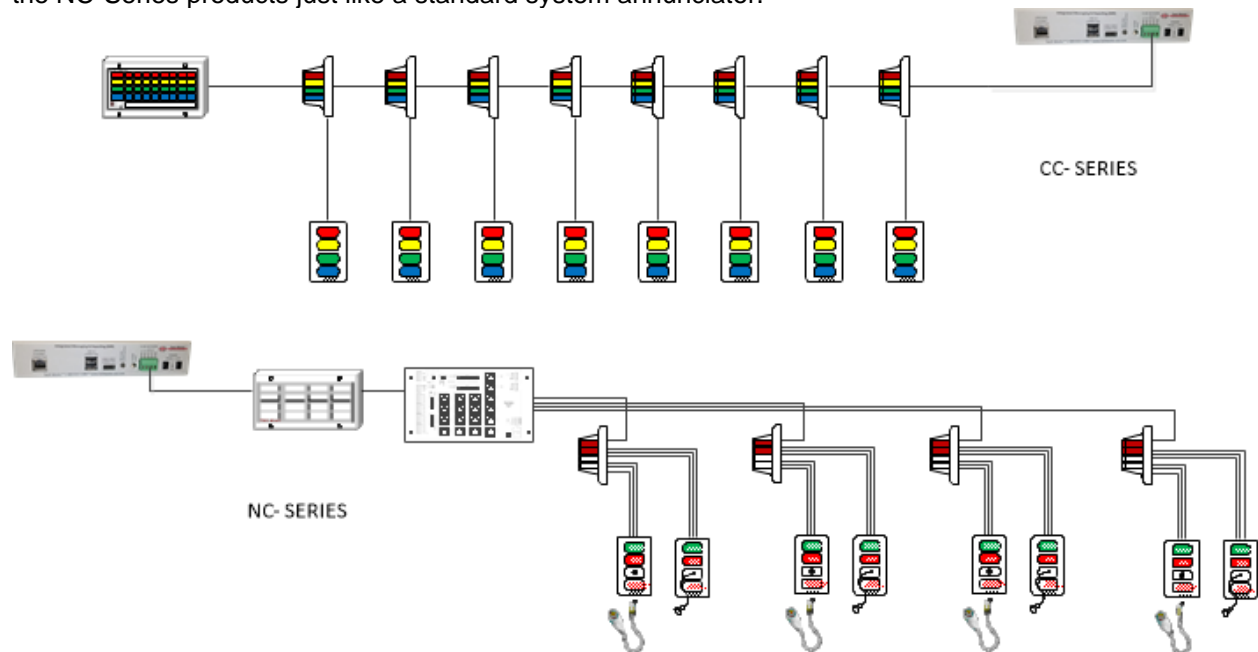# Tech Works ®
"Making Specialized Communication Easy"
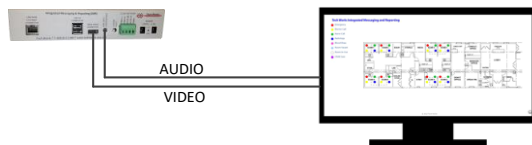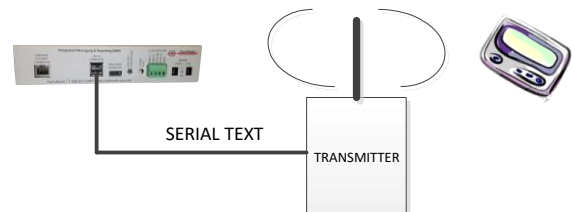
The IMR-A connects directly to any Tech Works light communication network such as the CC-Series or the NC-Series products just like a standard system annunciator.
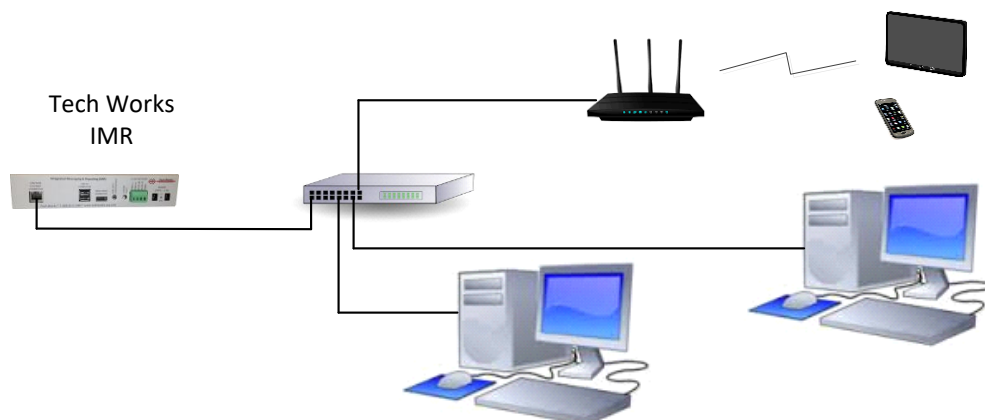
CC- SERIES

NC- SERIES

The IMR-A output can connect directly to a standard television set or A/V flat panel monitor with speakers.

The IMR-A can send messages or data to other systems like EMR or Pocket Page Transmitters for display.

AUDIO

VIDEO

SERIAL TEXT

TRANSMITTER

The IMR-A can connect to the LAN or WAN to share information with any device that has a standard Web Browser interface. Through an Internet connection the IMR can send Emails and/or SMS Text Messages.

Tech Works
IMR

All of the above at the same time