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ONE-STOP DESTINATION FOR ALL YOUR IOT SOLUTIONS



NURSE / ATTENDANT CALLING SYSTEM

<https://www.solidz.io>

A Nurse/Attendant Calling System is a vital component of modern healthcare facilities, enabling effective communication between patients and nursing staff. By facilitating timely assistance and improving workflow efficiency, these systems contribute to enhanced patient care and satisfaction. When implemented thoughtfully, a nurse calling system can significantly improve the overall functioning of healthcare environments, ensuring that patient needs are met promptly and effectively.

KEY COMPONENTS



Call Buttons:

- **Patient Call Buttons:** Located at the bedside, in bathrooms, or within reach of patients, these buttons allow patients to request assistance.
- **Wireless Call Buttons:** Portable devices that patients can carry, enabling them to call for help from anywhere within the facility.

Nurse Station Consoles:

- Centralized panels where nurses receive alerts and messages from patients, allowing them to prioritize and manage calls.

Visual Indicators (Optional):

- Lights or displays outside patient rooms that visually indicate when a call has been made, alerting nursing staff who may be nearby.

Mobile Applications (Optional):

- Smartphone or tablet applications that allow nurses to receive alerts and messages on their mobile devices, enhancing mobility and responsiveness.

Integration with Other Systems:

- Nurse calling systems can be integrated with electronic health records (EHR), alarm management systems, and other hospital IT systems for improved workflow.



FUNCTIONALITIES

Call Management:

- Nurses can view and prioritize patient calls based on urgency and need, ensuring timely responses.

Alerting and Notifications:

- The system can send alerts to nursing staff when a patient calls, including information about the patient's location.

Data Logging:

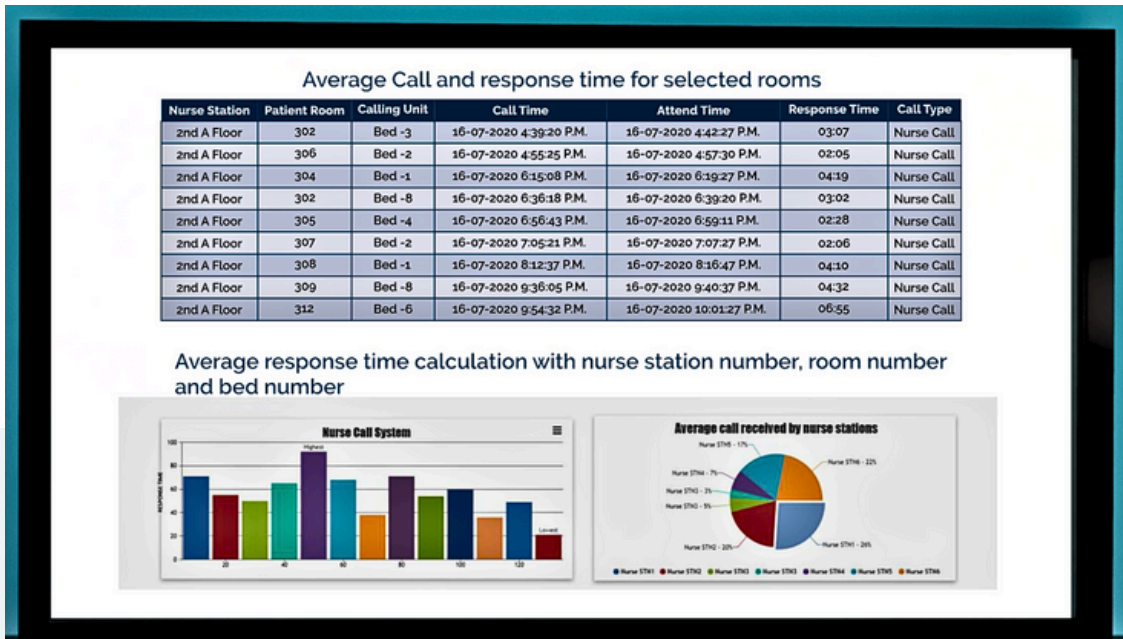
- Records call history, response times, and other metrics that can be used for quality improvement and performance analysis.

Escalation Protocols:

- Allows for predefined escalation procedures if a call is not answered within a specified time, ensuring that urgent requests receive immediate attention.

Customizable Settings:

- Facilities can customize the system based on their specific needs, including different types of alerts and responses based on patient care protocols.



BENEFITS

Improved Patient Satisfaction:

- Quick and efficient responses to patient calls enhance the overall patient experience and satisfaction with care.

Increased Staff Efficiency:

- Streamlines communication and allows nursing staff to manage their time more effectively, improving overall operational efficiency.

Enhanced Patient Safety:

- Ensures that patients can easily request assistance.

Data-Driven Insights:

- Provides valuable data on call patterns and response times, which can be used to identify areas for improvement in patient care.

Integration with Modern Technology:

- Modern nurse calling systems can integrate with other healthcare technologies, providing a more comprehensive approach to patient care.

SPECIFICATIONS

Receiver

| | |
|-------------------|----------------------------|
| Processor | 1.5 GHz, Quad Core, ARM |
| RAM | 8 GB |
| Memory | 32 GB |
| Operating System | Linux Distro |
| Application | Built in Browser Based |
| Database | MariaDB |
| Logs | 200,000 |
| Display Port | Micro HDMI |
| Cloud Application | Subscribable |
| Communication | Gigabit Ethernet and Wi-Fi |
| Output | 4 Relay output |

SPECIFICATIONS

Call Button

| | |
|-------------------------------|--|
| Processor | 240 MHz ARM |
| RAM | 8 MB |
| Memory | 16 MB |
| Button | 2 Button |
| Battery | 4400 mAh, Built In |
| Communication | Wi-Fi |
| LED | RED and GREEN LED Indicator |
| RFID Card Reader | NFC Reader, Built In |
| Number of operation supported | 10,000 button press operations before recharging / replacing the battery |
| Device ID | Configurable |



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CONTACT US

EFFICIENT CHOICES, EXCEPTIONAL OUTCOMES !



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