



# Medical intercom background management system software

## TH-3100R2 Software V2.008



## Description

The medical intercom system management software supports system service management and data interaction. It is a comprehensive management service platform that integrates terminal management, system operation, bed wards, information management, and medical intercom. The system can complete daily business such as admission registration, discharge, and bed change, support the query and export of daily call nursing records, and has complete management functions such as medical staff scheduling , surgery scheduling, ward nursing information, surgery announcements, and nursing logo warning colors.

## Features

- \*The system adopts B/S architecture and supports web browsing through browsers without installing controls; it supports remote access and management through the network, and can use administrator or sub-administrator account permissions to log in to the system management platform.
- \*It supports docking with the HIS system, realizes data interconnection with the hospital HIS system through the intranet, and completes the interactive sharing of basic data and business application data ; the system can obtain the latest data information of departments, doctors, nurses, patients, etc., and synchronize it to the nurse station host, ward branch and nurse station information screen and other equipment .
- \*It supports manual entry or modification of patient information, and can display detailed information such as each patient 's name, gender, admission time, caregiver, diagnosis information, patient medical advice, etc. in real time .
- \*It supports the patient electronic list function, which displays the basic information of the patients in the nursing unit in the form of patient information cards. It supports clicking to expand and view patient details, including the patient's name, gender, admission time, caregiver, diagnosis information and medical advice, etc.
- \*It supports an overview of surgical extensions and collaborative extensions, real-time monitoring of the online status of the equipment and surgical information, and can search according to preoperative preparation, waiting for surgery, during surgery, after surgery, in recovery, and idle status.
- \*It supports switching management between general wards and surgical wards, supports room status diagrams to display the usage status and idle status of each ward and operating room in the ward, and intuitively counts the total number of ward beds/surgical extensions in the ward, the number of used rooms, and the number of idle rooms.
- \*It supports the call record storage function, which records the call history of the nurse station host in each ward in real time and generates reports on the call records.
- \*It supports custom editing of notification prompts, ward slogans, and emergency notification information release content. It supports scrolling playback on the device by checking the ward release range. Emergency notifications have priority and are played through pop-up windows.
- \*It supports data aggregation function, which can aggregate the call records of all wards in the hospital to the server for centralized data management, making it convenient for hospital administrators to back up, maintain and securely manage the information of each ward.
- \*It supports the hosting management mechanism of the nurse station host. The extensions managed by the medical host of this nursing unit can be hosted to the designated nurse station host for management. The hosted medical host can receive extension call information from the hosting ward and conduct intercom calls . The hosting record and status of the medical host can be queried in the background .



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- \*querying operation logs based on date, operation type, device type, etc. , supports recording backend system operations and terminal system operation records, and supports exporting operation information records to log files.
- \*Supports manual addition or modification of medical staff information, supports adding medical staff name, photo , rank , gender, work number and other information , supports batch import or synchronization of HIS system medical staff information in Excel spreadsheets .
- \*It supports account management and authority allocation, and can customize the operation permissions for different sub-administrators. Sub-administrator users can only perform management operations within the ward to which they belong. Administrators can enable, disable, and delete sub-administrator accounts in batches.
- \*Supports account security protection function, automatically log out if there is no operation in the background for 4 hours, to prevent the risk of account information leakage caused by long-term inactivity.
- \*Supports editing/adding nursing label cards, including nursing level, safety precautions, dietary category, drug reaction, isolation category, medical insurance category, etc., and supports customizing nursing level colors and label names.
- \*Supports editing of emergency notices to be displayed on the corridor display screen, ward door phone, bed extension, information board screen, and smart nursing screen of the ward to which it belongs or selected.
- \*Supports custom editing of the time range of day and night, and implements the daily periodic brightness adjustment function of each device to adapt to the visual comfort under different lighting conditions.
- \*It supports device offline reminders and can uniformly manage all terminals . It supports remote uploading of upgrade files and selecting devices for upgrade. It can check the upgrade progress and re-upgrade the failed devices.
- \*Supports privacy protection of patient names displayed on the terminal, and can be set to hide some characters of the patient's name to avoid leakage of patient personal information privacy.
- \*It supports shielding the hang-up function of the medical host, ensuring that nurses must personally visit the patient for nursing consultation, thereby enriching the work possibilities of medical care in different scenarios.
- \*It supports customized shift names and duty hours, and can preset beds for special shifts; it supports scheduling surgeries in operating rooms, and synchronizes them to the operating room schedule in real time; it supports docking and synchronizing the doctor and nurse scheduling data of the HIS system, and sends it to each terminal for display.
- \*Supports access control IC card management, upload IC card information to realize access control card swiping, support access control call record and unlocking record query.