

Wreadycare®

Elderly Care Solution



Company Introduction



智能



科技



健康



互联



信息

WREADYCARE adheres to the corporate tenet of "building a communication intelligent health and humanistic environment" through the in-depth integration of smart ward medical intercom system, health monitoring equipment, mobile phone app, big data management system, etc. The company is positioned as an "intelligent health operator", integrating modern technologies such as IP communication and calling technology, Internet+, Internet of Things, and wearable devices, serving modern medical and health care services, and providing reliable digital medical care service products and solutions for medical and health care institutions

Smart Eldery Care

Smart elderly care is a new type of pension model that has gradually emerged in recent years, with information technology support, composed of intelligent health monitoring equipment, self-service health testing equipment, intelligent pension monitoring equipment, and home service robots, to provide intelligent pension services for the elderly.

01

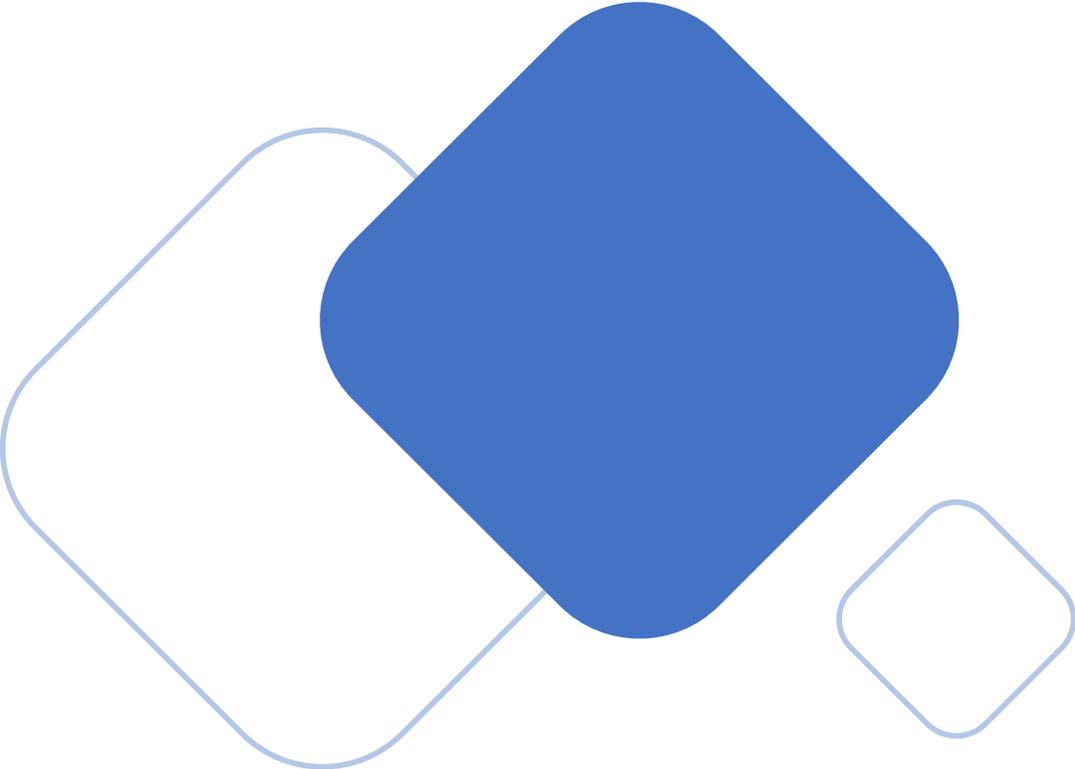
Elderly Care System

the elderly through the phone or rely on intelligent terminal equipment to conduct a comprehensive detection of their physical condition, such as blood pressure, blood sugar, blood oxygen, heart rate, etc., that is, the elderly themselves can understand their physical conditions in real time at home, early warning of health, but also make family members more assured.

02

Nursing Home System

1. provide comprehensive and timely services for the elderly through intelligent and digital ways..
2. enjoy community resources and services, and at the same time, they can also play their own role and participate in community construction and management.
3. provide personalized elderly care services according to the different needs and health conditions of the elderly



Home&Resident Elderly Care system

System Constructure

Wreadycare®



Home Console
alarm&Talk
(Elderly home)



Elderly Watch
Position&Vital signs
(Elderly home&Resident)



Smart Mattress
heart rate&breathe alarm
(Elderly home&Resident)



Medical Center



Family number



4G Intercom
Call&Alarm



4G Bracelet
Alarm&Position



Drop Rada
Alarm
(Resident& Nursing Home)



Medical Center Platform

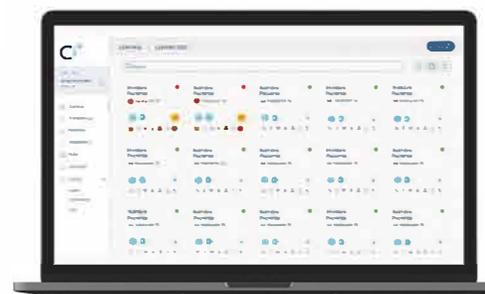
4G One-button Emergency Call&Intercom



Home



Bracelet



From the control panel you can check where the alarm is being issued. In addition, obtain reports on response times, number of alarm, etc.

Management Host

From this screen you can manage and control all the alarms.



4G Intercom button

1. Support setting 5 groups of dial phone numbers and 5 groups of SMS numbers.
2. Support setting up incoming call whitelist and automatic answering. (5 groups)
3. Support WeChat public account and IoT management platform push.
4. Support scanning QR code to add wireless accessories for intercom, which is convenient and fast.
5. Support triggering the alarm through the alarm host SOS button or the handle SOS button and canceling the alarm by pressing the button again.
6. Supports 128 wireless detectors, and different types of detectors have different voice prompt functions when triggered.
7. Support weak signal and low battery voltage alarm prompt function.
8. Support external power failure/recovery alarm prompt function. (optional to turn on or off)
9. Support remote upgrade function.
10. Supports cloud broadcasting function to remotely broadcast specified text



4G Intercom Bracelet



		
紧急求救 老人遇到紧急状况，可通过SOS键向家长及时求助。	白名单通话 可设置通话名单，避免陌生人骚扰	安全围栏 子女可通过app设定安全围栏，进出危险区域及时预警。

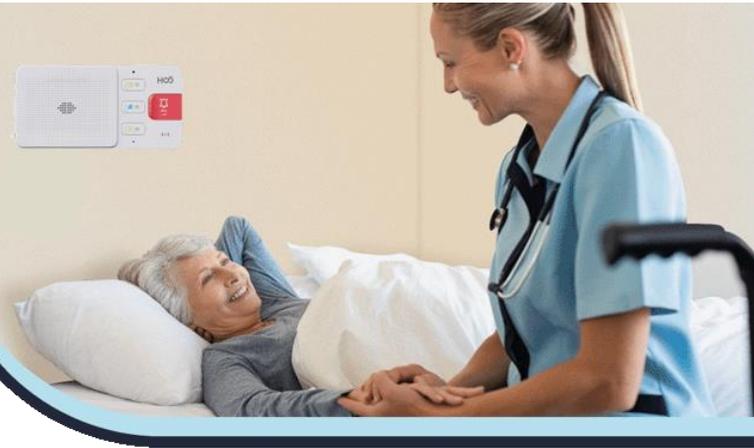
- 2-inch 320*240 IPS high-definition large screen
- Beidou, GPS, WIIF, AGPS, LBS, GNSS quad positioning
- 4G Cat.1 communication, supports China Mobile/China Unicom/Telecom full frequency band, remote OTA
- Support 2.4G long-distance attendance (optional)
- Supports the setting of 3 family numbers and dials the phone number of loved ones with one click
- Support SOS one-click help
- Call whitelist settings to reject calls from strangers.
- Support querying call records and understanding communication status
- Set safety (danger) range and push alarm information in a timely manner
- Support trajectory query and real-time location acquisition
- Supports fast charging, can charge to 80% in half an hour

Home Alarm Console

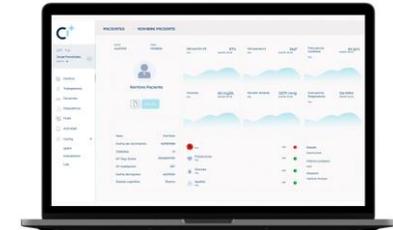
Elderly Room Terminal

Alert system generates instant alarms in the form of sound with the push of a button and allow to talk with medical center. The user has wireless buttons, located in key locations in the room, and connect to Medical center by WIFI.

- Alarm and Talk
- Acoustic warnings
- Luminous warning devices
- Management Platform



View each resident's summary and file to see their situation in more detail
View history to create custom reports.



Manage residents in one place

From the control panel you can check the status of all the residents of the center. With different colors you are notified if there are constants outside their ranges or if someone has asked for help or has suffered a fall.



Alarm&Talk Home use(by wifi)



Specification

SIP healthcare intercom is designed for indoor application with IP54 waterproof and dustproof level. It features 2 SIP accounts and PoE power supply, supporting standard 86 box embedded and wall mountable installation. It has rich functions such as HD audio, detachable function buttons and built-in 2.4G & 5G Wi-Fi, providing a high-quality communication experience for users.

Highlights

Support audio codec G.722 and Opus.

Built-in 2.4G & 5G Wi-Fi.

Support wireless button (Supported specific accessories, via 433MHz wireless transmission).

Detachable function buttons.

IP54 waterproof and dustproof.

Support PoE power supply.

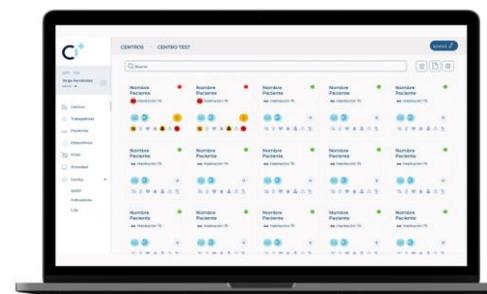
Built-in 1 short circuit input/output interface.



Obtain a resident's history and generate a report

Medical Center

Location & Vital signs monitoring



From the control panel you can check where the notice is being issued. In addition, obtain reports on response times, number of notices, etc.

Manage Alarm and notification



From this screen you can manage and control all the alarms.

Smart Watch

Designed to continuously monitor and detect the most common symptoms of respiratory diseases.

- Emergency call
- APP query
- heart rate monitoring
- sleep quality
- two-way call

Sleep Pad

Vital sign monitoring: heart rate, frequency of waking up at night, duration of falling asleep, body movements and turning, sleep stratification, respiratory rate, snoring, apnea

GPS positioning

Smart Watch(4G)

Emergency call, APP query, heart rate monitoring
sleep quality, step counting, two-way call,
positioning, arbitrary dialing



Sleep monitor pad(Wifi&4G)

Vital sign monitoring: heart rate, frequency of
waking up at night, duration of falling asleep,
body movements and turning, sleep
stratification, respiratory rate, snoring, apnea

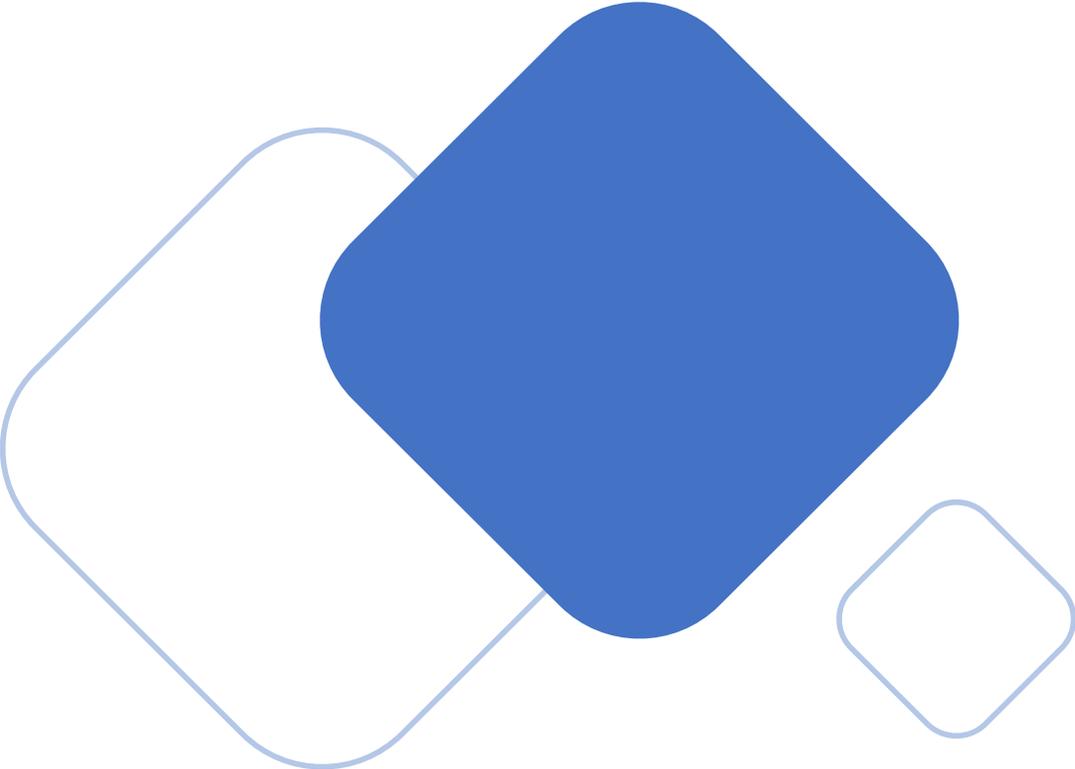




Smart Watch(4G)

Emergency call, APP query, heart rate monitoring, sleep quality, step counting, two-way call, positioning, arbitrary dialing





House&Nursing Home Care System

Resident Care System



Core product

Wreadycare®



Door Sensor

- ◆ Precise position alarm
- ◆ Easy installation, no wiring required, based on 433 technology
- ◆ Multiple channel grouping real-time alarm
- ◆ Freely set alarm conditions and application scenarios



smoke Sensor

- ◆ Alarm output: audible and visual alarm/relay output (networked type)
- ◆ Wireless transmitting distance: 100m IN OPEN AREA
- ◆ Alarm concentration: 10%LEL
- ◆ Detect natural gas and liquefied petroleum gas



Gas Detector

- ◆ Android operating system, call function customization
- ◆ Health data monitoring, personnel positioning, one-key help alarm
- ◆ Two-way call intercom, multi-level transfer, view call records
- ◆ support 433, WIFI, Bluetooth , system online upgrade
- ◆ It can be bound to the background of chronic disease management and patient return visit .



Home Control Console

- ◆ Alarm and Talk
- ◆ Management Platform
- ◆ Acoustic warnings
- ◆ Luminous warning devices



Infrared Detector

- ◆ Wireless technology, ultra-long transmission distance
- ◆ Quick installation, easy to use
- ◆ Low battery prompt, free to set alarm conditions
- ◆ Mobile frame measurement, precise infrared sensing

Smart Badge, Bracelet, Drop Rada (Bluetooth & Lora)



Smart badge

Product Features

- 1.5 mechanical buttons (3 family numbers, 1 SOS, 1 switch);
- 2.4G full network + mobile 2G; positioning method: GPS+BD+WiFi+LBS+AGNSS;
3. Press and hold dialing button 1/2/3 for three seconds and it will vibrate to remind you that the dialing is successful;
4. Press and hold the SOS button for 6 seconds to trigger a cycle of dialing the SOS number three times. If no answer is received, the carousel of the family number will continue once. If there is an answer during the period, the carousel will be terminated;
5. Double-click dial button 1 to broadcast the time; double-click dial button 2 to broadcast the network connection status and platform login status; double-click dial button 3 to broadcast the current battery level;



Drop Rada

Product Features

1. Fall posture alarm
Recognize the posture of a human body lying on the ground and report it to the mobile phone in real time;
2. Stationary dwell alarm
If the human body remains motionless for a long time in any posture, there will be multiple alarm prompts;
3. Accurate life detection, human body presence detection
Accurate and continuous detection of moving, stationary, and comatose human bodies;
4. Record of entry and exit time
Entry time, range of motion record, exit time record;

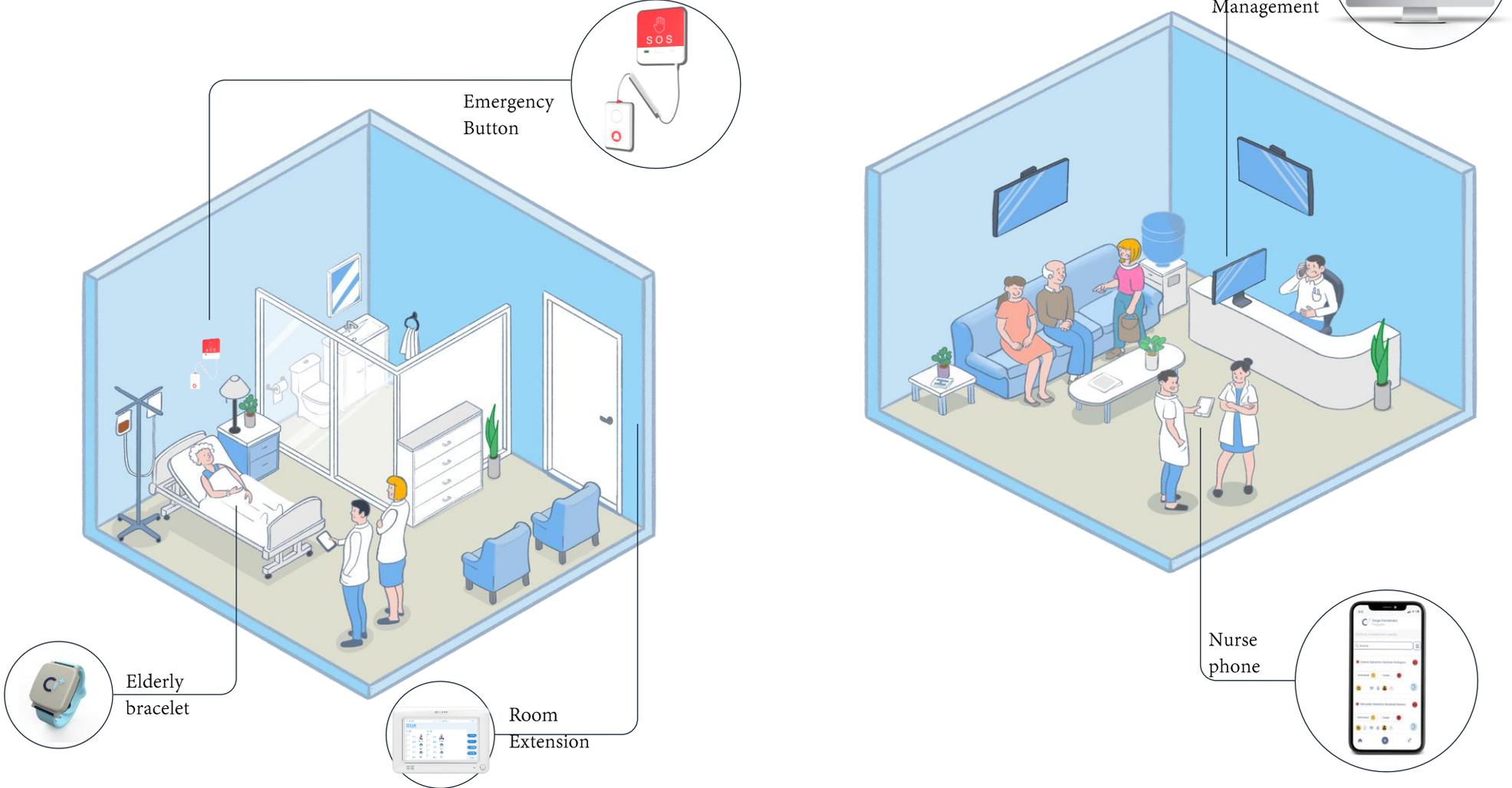


Bracelet

Product Features

Bluetooth communication, used in conjunction with nurses' watches or elderly people's watches, for indoor positioning of nurses, elderly people, and patrol personnel

Nursing Home



Room screen & Nurse Host

Core hardware terminals, independent patent design, R&D and manufacturing:
Nurse host, door machine ICU extension
IP full digital ward extension
The caregiver handheld extension
Full digital door light, panic button
Vital Signs monitoring kit, chronic disease management and post-diagnosis follow-up system



Room screen & Nurse Host



1. Transmit data information based on TCP/IP network protocol, Android system 7.0 or above, the page can be rotated, and it supports horizontal or vertical screen;
2. Bed call function (used in isolation wards, where doctors and nurses can have video calls with patients at the ward door to check on their condition);
3. Call for nursing (nursing can call the nursing station on any door phone to request reinforcements);
4. Request for reinforcements: When nursing needs reinforcements, you can call the nurse station directly through the door phone or the nurse's mobile phone;
5. Enter nursing: After the nurse presses to enter the nursing function, all bed calls will be transferred to this room, and the nurse can answer calls from other rooms in any bed in this room.

Emergency button and Door light (IP base)

1. Use wired or wireless connection method, online server encoding, arbitrary settings

Extension Number

2. At night, it has an automatic backlight effect to facilitate the elderly to find and call;

3. During an emergency call, the medical host with the highest priority will provide voice prompts and corridor display.

The display screen displays a reminder, the three-color door light lights up, and the backlight flashes at the same time;

4. You can choose the version with or without drawstring.



1. Installed directly above the door to facilitate observation by medical staff; by combining colors

Display multiple statuses;

2. Use 86 bottom box installation;

3. When the bedside extension calls, the bathroom calls, or the infusion alarm alarms, the door

The lights will flash alternately to indicate the need for urgent processing.



Nurse phone and Server

1. The function is the same as that of the nursing host, providing call acceptance services;
2. When the nursing staff is not at the nursing station, two-level call transfer can be implemented according to priority, and the response priority is higher than that of the nursing host;
3. Instantly respond to voice messages, extensions and one-click triggering needs of the remote control.
4. You can leave voice messages to each other or call and answer phone calls between nurses and at the bedside.



-
1. Desktop placement or standard cabinet installation
 2. Support registration and management of all devices
 3. Support video intercom for devices in cross-network segment and cross-routing environments
 4. Supports docking with HIS, LIS, PACS and other systems to achieve synchronization of data information.

Step updates and applications

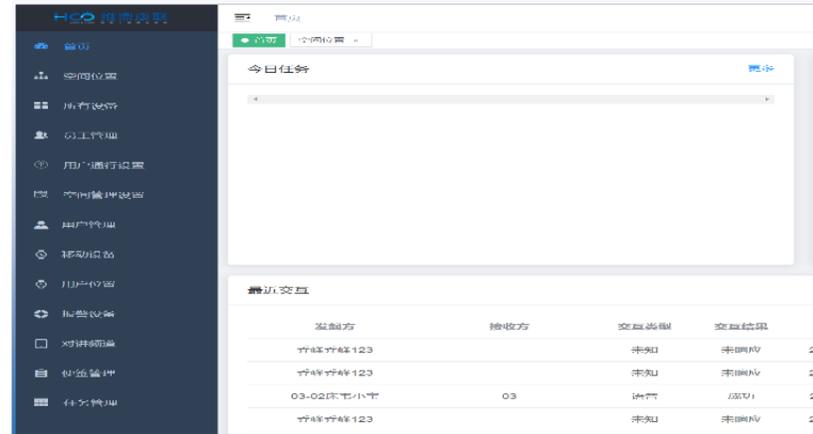
5. Support docking with third-party platforms to achieve interactive sharing of data
6. Support local database backup and restore



Platform Management

【Cloud / Local Server】

- Layout (units of Building) Mgt
- Devices Mgt
- Staff Mgt
- User Mgt
- Mobile device Mgt
- User location Mgt
- Alarm Mgt
- Channel Mgt
- Task Mgt
- Interaction record Mgt
- Area Mgt
- Broadcast Setting
- Nursing Board
- Elderly care Board
- Sleep Monitoring Board
- Board Setting
- Interaction Statistics
- Mgt Unit Setting



System Advantage

health record

Create and manage member health files

1

Data monitoring

Real-time monitoring of changes in physiological signs of the elderly

2

Warning information

Immediate warning of abnormal changes

3

Intervention follow-up

Provide targeted intervention plans to members and conduct follow-up visits

4

health assessment

Regularly assess member health based on health data records

5

Health management is the core embodiment of "integration of medical care and nursing care". By connecting with various health testing equipment, the system provides self-service health monitoring and professional medical and health services. It can monitor changes in the elderly's physiological signs in real time, and can immediately issue early warning messages for data that exceeds the normal health threshold. Based on the health data, a professional health management team will provide the elderly with an assessment report and formulate an intervention follow-up plan.



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Thank you