iWard Control Server

iWard Control Server datasheet

Features

- Product classification: 500 clients, 200 clients, 100 clients, 10 clients
- Instant graded demand notification display
- Dynamic management of bed information
- Dynamic adjustment of nursing staff scheduling
- Various statistical reports, historical records query, audit ward performance
- SIP call settings
- System administration management
- SIP Server provide communication function
- Communicate with patient and control center immediately

Introduction

The iward server is mainly divided into AP server and DB server, which are classified into 500, 200, 100, and 10 according to the number of connections. Provide humanized backend to do bed management, patient management, Nursing schedule, SIP communication settings, upload videos and files. And support Restful API integration

The SIP server is classified into 500, 200, 100, and 10 according to the number of connections. Witch provides communication function for client devices.

Key Functions

Nursing schedule

Nursing scheduling related settings

Nursing request list

You can search for nursing notification statistics in the time interval and display the results below

System backend

Provide system automatic remote installation, update, delete, upload corresponding logos, and upload files

SIP management

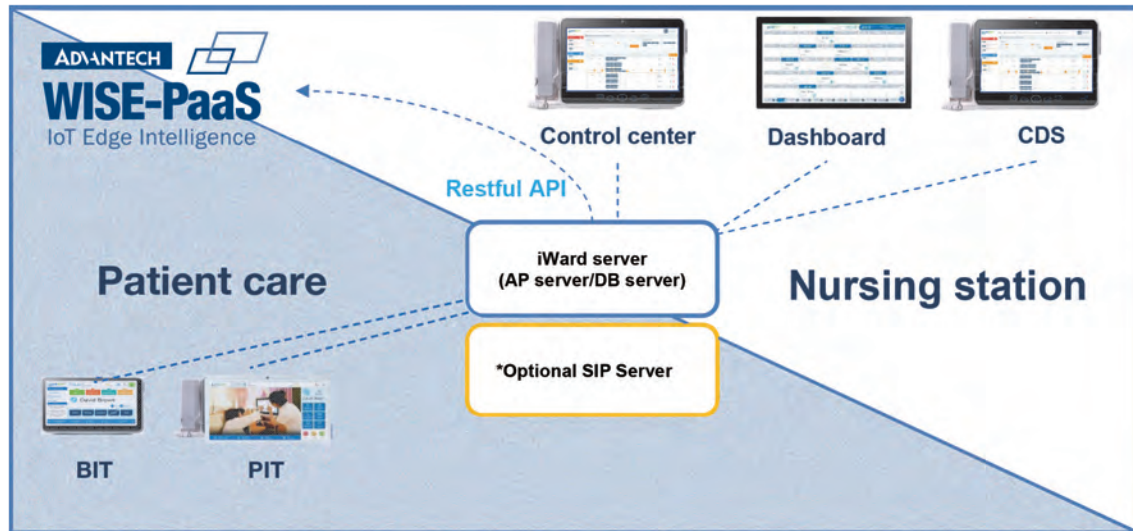Provides the function of matching the SIP number of the bed

Specifications

Control center

Service	Function	Description
IDVerification	Login verification	Enter account password or card login to verify user identity, and restrict permission display function.
Information	Date/Time	Display the current date and time
	Nurse station number	Display the nurse station number
	logged in account	Display of currently logged in account
	Language	Switch language
Bed information	Bed information	Different colors show different genders, male patients are light blue, and female patients are pink. Provide patient name hidden code processing to protect patient privacy. When the patient has a care needs notification item, a reminder pattern is displayed. Show bed number and primary nurse staff.
	Patient details	Basic information, you can modify patient information such as language and phone For detailed information, you can edit the diagnosis and special notes. The treatment plan shows the patient's treatment date, time, items and status.
	Nursing request	View all requirements notifications
	Inquery function	Filter the list you want to see based on search criteria
Nursing shift management	Schedule display	Schedule display
	Schedule inquery	You can select the search conditions by date, and display all or empty beds.
	Add group	Added information about nursing teams, including day shifts, nursing staff, group, shifts, fire teams, and hospital beds.
	Export function	You can export schedule information for the day or month
Data management	Annousment	Nursing station announcement settings can be set on the control center, and its content can be displayed on the dashboard
	Promotional video	You can upload a video and limit the format of MP4 to provide PIT promotion video playback
	Contact information	Show the contact information of the nursing station medical team and related members of the nursing station
	Device status	Display the device status
	Questionnaire management	Provide management functions for adding, modifying, and deleting satisfaction survey forms
	Education management	Provide management functions for adding, modifying, and deleting health education categories and files
	Living info. management	Provides the classification and file management functions of adding, modifying, and deleting living information
	Environmental Introduction Management	Provide management functions for adding, modifying, and deleting files
	Hospitalization instructions management	Provide management functions for adding, modifying, and deleting files
Nursing request management	Nursing request notification	Three notification levels can be displayed (healthcare needs / general needs / other needs).
	Release notification	Clicking on any of the required notification items will automatically jump to the notified bed, making it easy for caregivers to find information about specific patients.
Nursing Communication	Nursing Communication	Can receive calls from the ward and calls from the nursing app
System management	Account management	Add / modify the account password
Other	Version info.	When you click Logo, the version number and version update time will be displayed in the window.

Backend

Service	Function	Description
Maintenance management (Client)	Parameter	Provide system password (PIT/BIT), preset 0000 Provide SIP communication setting
	Menu	Provide users to add, modify, and delete function menus to determine whether the dashboard or console menu is displayed.
	Communication	Provide users with management functions for adding, modifying, and deleting SIP accounts
	Communication pairing management	Provide SIP number corresponding bed management function.
	System backend	Provide system automatic remote installation, update, delete, upload corresponding logos, and upload files
	Account management	Add / modify the account password
	Device status	Display the device status
Vendor Management (Development side)	System managememt	Added and adjusted IWard subsystem.
	Code management	Add, delete, and modify code categories.
	Hospital management	Adjust client display settings.
	Module management	Adjust the console and open the background menu function.
	Personnel management	Add, delete, and modify user account and password logins in the background.
	Groug management	Add, delete, and modify nursing group
Language	Language	Switch language

iWard Architeture

Minimum Requirement

*iWard AP Server

Hardware	CPU 4 core RAM 8G Up HD C:250G D:250G
Software	OS: Windows Service 2012R up .Net Framework 4.5.2 Up .Net Core 2.2 Up IIS 8.5+

*iWard SIP Server

Hardware	CPU 4 core RAM 4G Up HD C:250G D:250G
Software	OS: CentOS7+

*iWard DB Server

Hardware	CPU 4core RAM 8G Up HD C:250G D:250G
Software	OS: Windows Service 2012R up MSSQL Service 2014 up

Ordering Information

Product Name	Product Number	Description
iWard Control Center	31ASIWSVMSSDE0	iWard Server License for 500 clients
iWard Control Center	31ASIWSVMS20E0	iWard Server License for 200 clients
iWard Control Center	31ASIWSVMS10E0	iWard Server License for 100 clients
iWard Control Center	31ASIWSVMS01E0	iWard Server License for 10 clients

*Option

Product Name	Product Number	Description
Patient Call Service	31ASCMSVLXSDE0	Patient Call SIP Server License for 500 clients
Patient Call Service	31ASCMSVLXSDE0	Patient Call SIP Server License for 200 clients
Patient Call Service	31ASCMSVLXSDE0	Patient Call SIP Server License for 100 clients
Patient Call Service	31ASCMSVLXSDE0	Patient Call SIP Server License for 10 clients