GUORUI Service Hotline 400-101-5915

Integrated Support Management System

▸ Overview

Integrated support management system is an important par in the process of hip use.According to statistics,the support cost of the equipment in the use stage is about 60%of the life cycle cost

The system aims at the on-board maintenance of the equipment,combines the ship maintenance management with the management mode and process of the computer information system,and provides a multi-stage and multi-level complete and comprehensive support solution for the information organization and construction,daily maintenance,fault maintenance,spare parts management and crew training of the whole ship equipment.

Through planned maintenance measures,the equipment is always in a good running state,extending is service life,reducing dock repairs,and reducing the comprehensive use cost of the equipment;at the same time,the crew is provided with technical raining,technical data learning and other ways t improve the crew's use and maintenance level of the equipment,and realize the harmony and unity of man-machine cooperation.
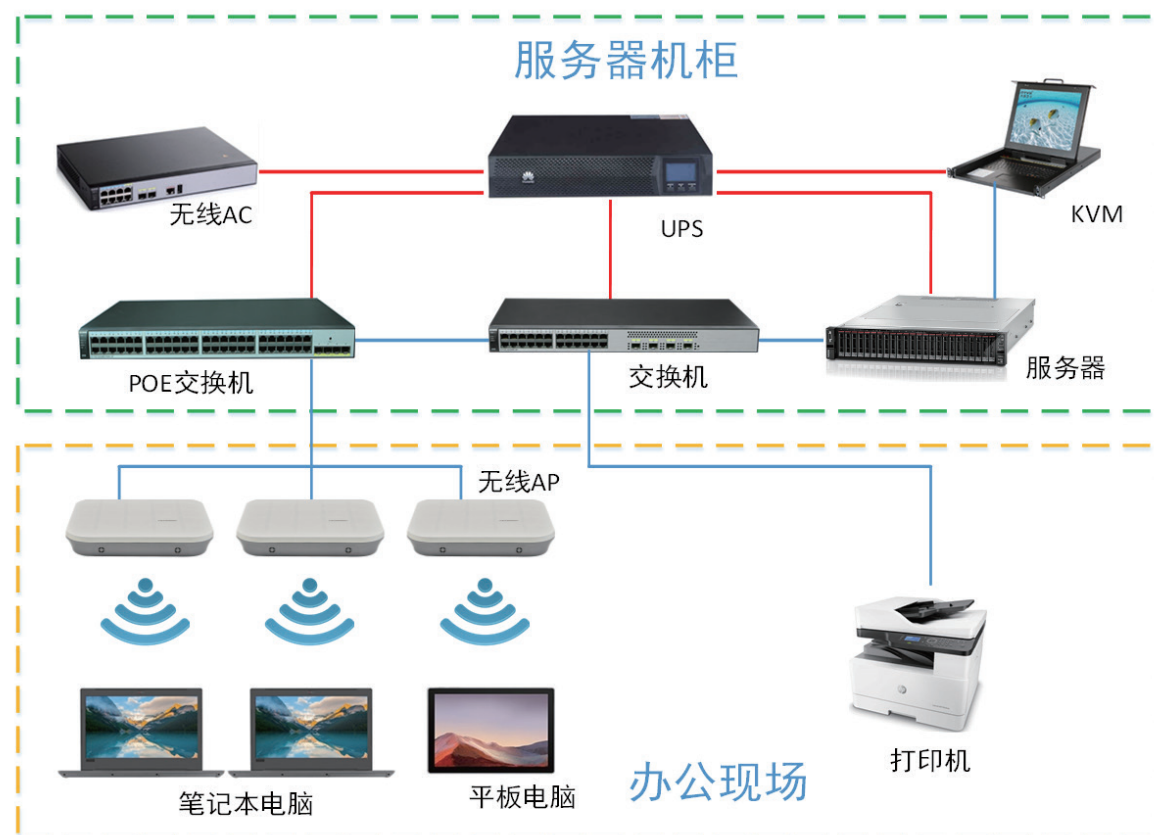
▸ Hardware composition

Figure 1 Hardware composition of comprehensive support management system

▸ Product features

■ Digital management

○ The information of equipment maintenance,spare parts use and related documents on board are coded to realize the digital and standardized management of the whole process of equipment use and maintenance;

■ Terminal diversification

○ It adopts B/S architecture and has wireless access function.It supports various terminal devices such as notebook computer, desktop computer and tablet computer to browse web pages, which is convenient for users to process transactions in various workplaces;

■ Visualization

○ Through the rich chart form,the maintenance,spare parts, personnel and other information are statistically analyzed to provide strong support for daily operation management decisions,such as equipment maintenance control,spare parts consumption and procurement;

■ Intellectualization

○ Automatically provide work task reminder,spare parts stock out of stock reminder,learning course reminder and other ways to improve working efficiency;

■ Customization

○ It takes ship equipment maintenance and spare parts management as the core,and meets the special requirements of customers for ship management It can be customized.

▸ Product function

■ Configuration management:provide equipment information configuration and maintenance of the whole ship,and view comprehensive information of equipment function, performance,production,maintenance,technology,etc;

■ Maintenance support:provide preventive maintenance,fault repair,shipyard repair and other maintenance methods,with maintenance card,repair card and other effective management forms;

■ Supply support:realize the operation of spare parts classification coding,warehousing and inventory;support the regular detection and management of measuring instruments;

■ Technical data management:provide classified coding,import, query,browse and download services for documents,audio and video and other technical data;

■ Logistics management: provide logistics materials,drugs, medical devices,ammunition,etc.in and out of the warehouse, inventory,inventory query,goods shortage,validity query and other functions;

■ Reminder service: provide various reminder services,-such as task expiration reminder,out of stock reminder,instrument expiration reminder,etc.

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▶ Product technical parameters

■ Server/storage cabinet

- ○ CPU: Xeon E5 dual channel, main frequency>2.0GHz;
- ○ Memory: 64GB;
- ○ Storage: 8TB
- ○ RAID: Supports RAID mode

■ Tablet computer

- ○ Operating System: Android 5.1.1
- ○ Processor: ARM quad core processor, 1.8GHz
- ○ Memory+Storage: 2GB RAM+16GB ROM
- ○ Screen size: 10.1 inches, resolution 1920x1200
- ○ WIFI: IEEE 802.1a /b/g/n, frequency 2.4GHz
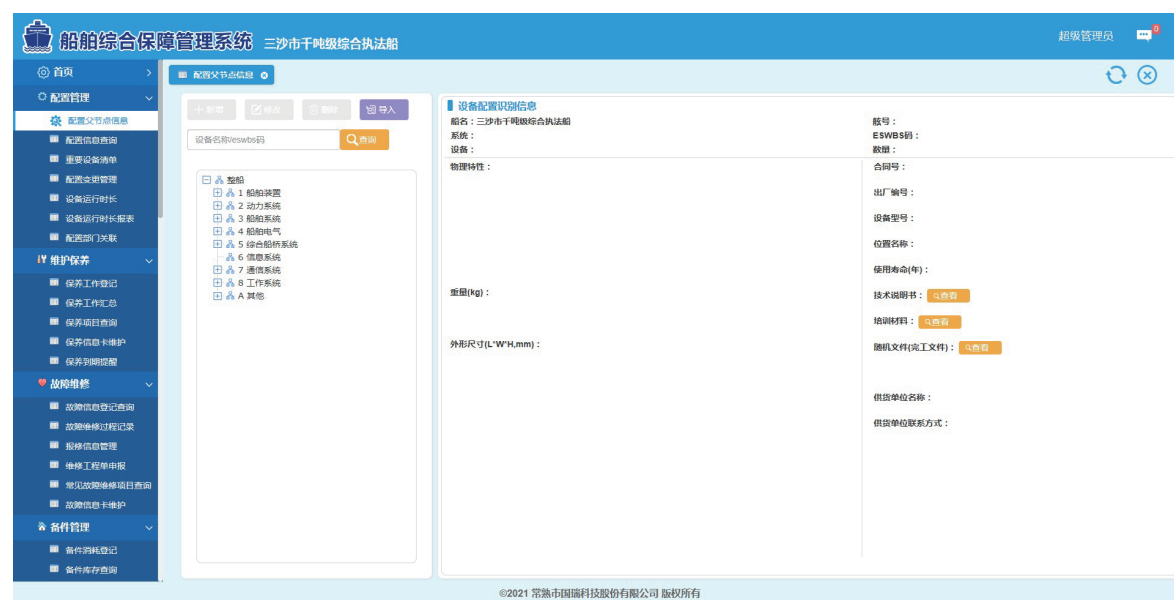- ○ Bluetooth: Built in BT4.0 (BLE)

▶ Human-machine interface

Figure 2 Equipment Information Management Interface