

Sailor Cultural Life System

► Overview

Sailor cultural life system (SCLS) is a system suitable for the ship environment, training crew knowledge and technology during navigation and enriching the crew's spare time spiritual life. The system aims at the design and development of the complex and closed environment of ships, the poor communication with the outside world and monotonous life communication. Through the LAN, it provides announcements, news and current affairs, learning and training, book system, film and televisions appreciation, online music, game entertainment, personal space, forum, equipment management and other functional services, create and provide a reasonable, efficient, convenient, rich form of spiritual and cultural learning and life security platform; improve the technical culture of crew, promote the internal communication among the crew, and enrich the life of the crew.

► System architecture

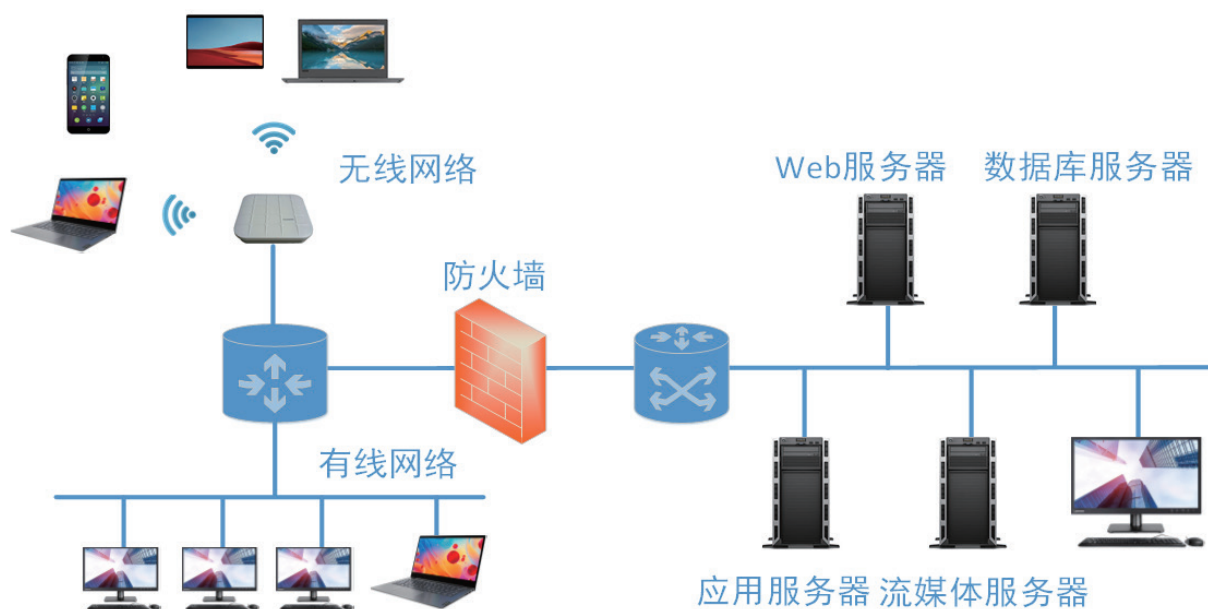


Figure 1 marine cultural life system

► Product features

- Rich types of cultural and entertainment resources
 - News, film, music, books, learning
- Reliable
 - Marine standard, support more than 100 people online at the same time, fast response
- B / S architecture
 - It is cross platform, easy to upgrade and low maintenance

- Friendly human computer interaction
 - The system is easy to operate and can be used without learning
- Scalable
 - More than one system can be integrated and deployed
 - Personnel management system
 - Integrated support system

► Product function

- News and current events:
 - User defined news classification and template
 - It is rich in content and supports video, text and pictures
 - Batch import
 - Automatic grabbing
 - Comment
- Learning and training:
 - Release of learning materials (text, pictures and videos) and batch import
 - Study progress
 - Management of test questions
 - Paper release (manual, automatic)
 - Online examination (automatic scoring)
- Personal space:
 - Personal photo album
 - The Journal
 - Comment reply

- Notice:
 - The designated person
 - Display on top
- Entertainment:
 - Online video
 - Online books
 - Online music
 - Game download
 - Batch import
- Forum:
 - Chat
 - Post
 - Discussion topics

► Product technical parameters

- Special cabinet
 - CPU: server processor, main frequency ≥ 2.1 GHz
 - Memory: ≥ 32 GB
 - Hard disk: ≥ 6 TB
 - Operating system: Windows 2016 server
 - Working voltage: AC 220V $\pm 10\%$ 50 / 60Hz

■ Wireless AC



- WLAN: compatible with IEEE 802.11a/b/g/n/ac standard
- Antenna: 2.4G
- Maximum number of users: 256
- Location service: support the location of WiFi terminal
- Power input: PoE power supply 48VDC, meeting 802.3af/at Ethernet power supply standard
- Maximum power consumption: 15W

■ Tablet Computer



- Processor: 4 cores, 1.8GHz
- Memory + Storage: ≥ 2 GB RAM + 16GB ROM
- Operating system: Android 5.1.1
- WIFI: IEEE 802.11a/b/g/n, 2.4G
- Bluetooth: support Bluetooth 4.0

■ Wireless AP (identification type)



- Supporting protocol: 2.4GHz IEEE 802.11b/g/n,
- Power supply scheme: PoE
- Working temperature: $-15^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Overall dimension: 290mm \times 140mm \times 88mm
- Protection grade: IP44
- Electromagnetic compatibility: meet the requirements of GB151a-97

software interface



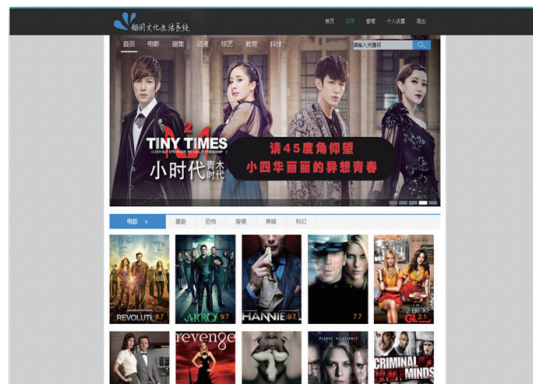
News current events



Online training



Online books



Online video



Online music



Online games