NMS Product Introduce

Foreword

DINSTAR

- This course is mainly:
  - Describe what is NMS
  - Describe NMS common function

Course Objective

DINSTAR

Through this course you will be able to

Understand and know what is NMS

Be familiar with NMS main function

Know the main function configuration methods of NMS

Contents

DINSTAR

Chapter One About NMS

01

About NMS

DINSTAR Network Management System (NMS) is an integrated management platform based on cloud architecture, which can centrally manage, monitor and troubleshoot of DINSTAR devices.
The NMS system integrates a series of management and maintenance functions to reduce the management costs and improve the efficiency

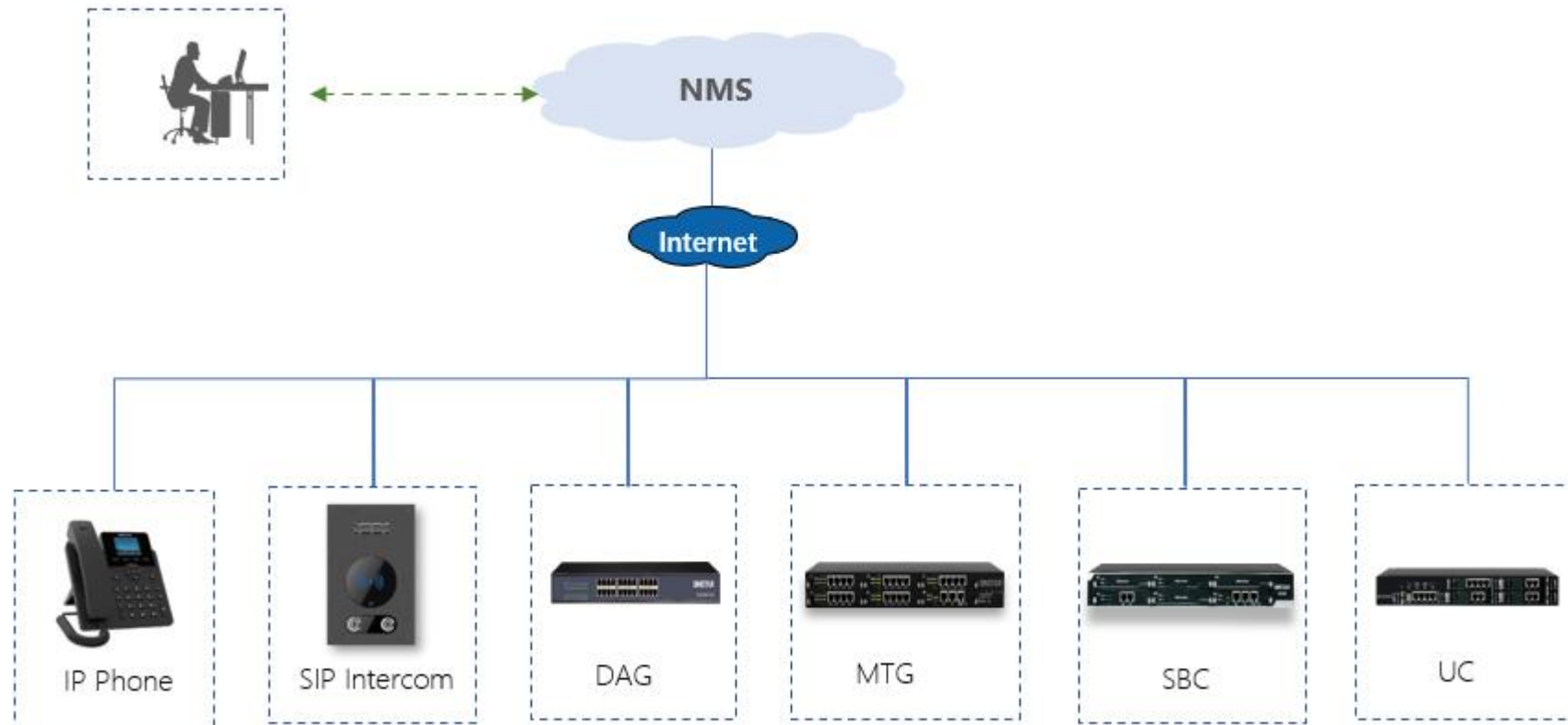| Device Monitoring | Alarm Push | Auto Deployment | Remote Diagnostics | Role Management | Dashboard |

About NMS

Contents

DINSTAR

Chapter Two NMS Introduce

02

DINSTAR

NMS Overview

- ## Key Feature

Device Management
Web
Telnet
Pre-configuration
Device Search
Firmware Upgrade
Configure Management
Batch Configuration
Configuration Backup
Configuration Restore
Restart & Factory Reset
Device Diagnose
Device Hardware Monitoring
Network Quality Monitoring
Service Status Monitoring
Port /DSP/SDH Monitoring
Call Statistics Monitoring
Multi-site management
Scheduled Task Management
Device Remote Access

System Management
Account Management
System Help Center
Security Logs
Login Logs
Operation Logs
Multi-Manager Mode
Soft Reboot
System Monitoring
Certification Management
Multilingual
Built-in FAQ
Single-click Installation
Device Access Type Settings
Auto-discovery of Devices via PnP
User Privileges Management
User Information Management
System Database Back-up Management

Resource Management
Upgrade Package Management
Configuration File Management
Backup File Management
OpenVPN File Management

Reporting and Notification
Real-time Alarm
Alarm Confirm
Historical Alarm
Alarm Analysis
Alarm Push
Email Alerts
Remote Push

Service Management
CDRs Management
Voice Quality Analysis
Statistic Analysis
People Contacts
Enterprise Contacts
Device Redirect
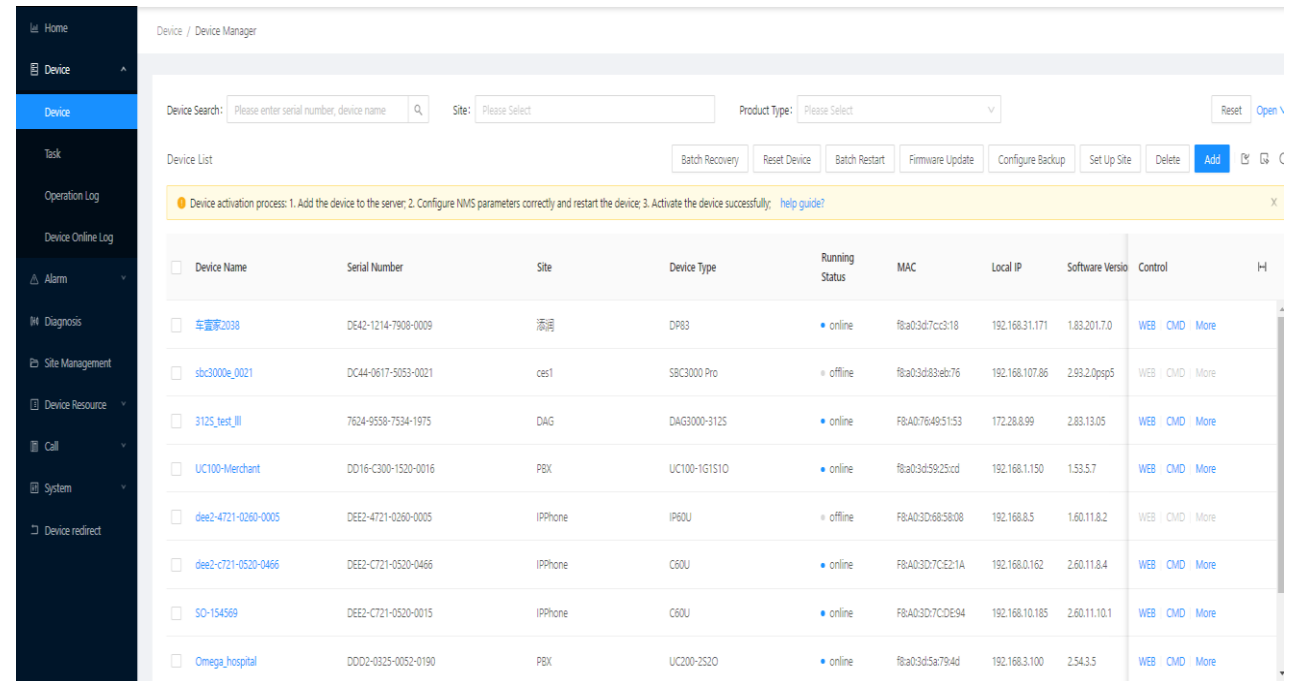
Security
TLS Encrypted Transmission
Web Attacks Avoiding
License
Token Bucket Traffic Limiting
IP Blacklist
Device Connection Authentication
Remote Access Timeout
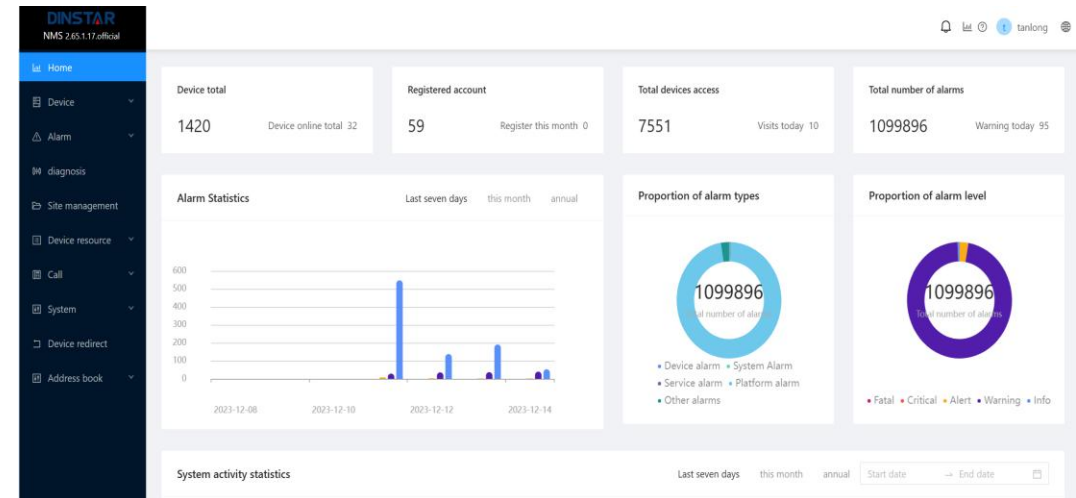
NMS Main function

Device Management

➢ Group devices according to different sites, models, and users, per your business needs

➢ Configure and manage a batch of devices by different groups

➢ Execute tasks at once or at a specified time

➢ Multiple and flexible management roles

➢ Enhanced TLS encryption security

➢ Install on-premise server or Cloud at your choice

➢ Up to 50,000 devices for standalone deployment

NMS Main function

DINSTAR

- ## Remote Management

  ➢ Remote configuration

  ➢ Remote firmware upgrade

  ➢ Remote Web GUI & Telnet

  ➢ Remote Trouble-shooting

NMS Main function

DINSTAR

- ## Auto Deployment

  ➢ Auto Provision

  ➢ Firmware Upgrade

  ➢ Auto Backup

  ➢ Configuration push

NMS Main function

- ## Real-time Monitoring

  - ➢ Realtime device and network monitoring

  - ➢ Immediate alarm push via email, SMS when the device abnormal

  - ➢ Graphical statistical analysis and diagnostic reports

  - ➢ Device & system logs download & backup

NMS Main function

- ## System Management

  ➢ System account management

  ➢ System assistance

  ➢ System roles

  ➢ Multi-Language Support
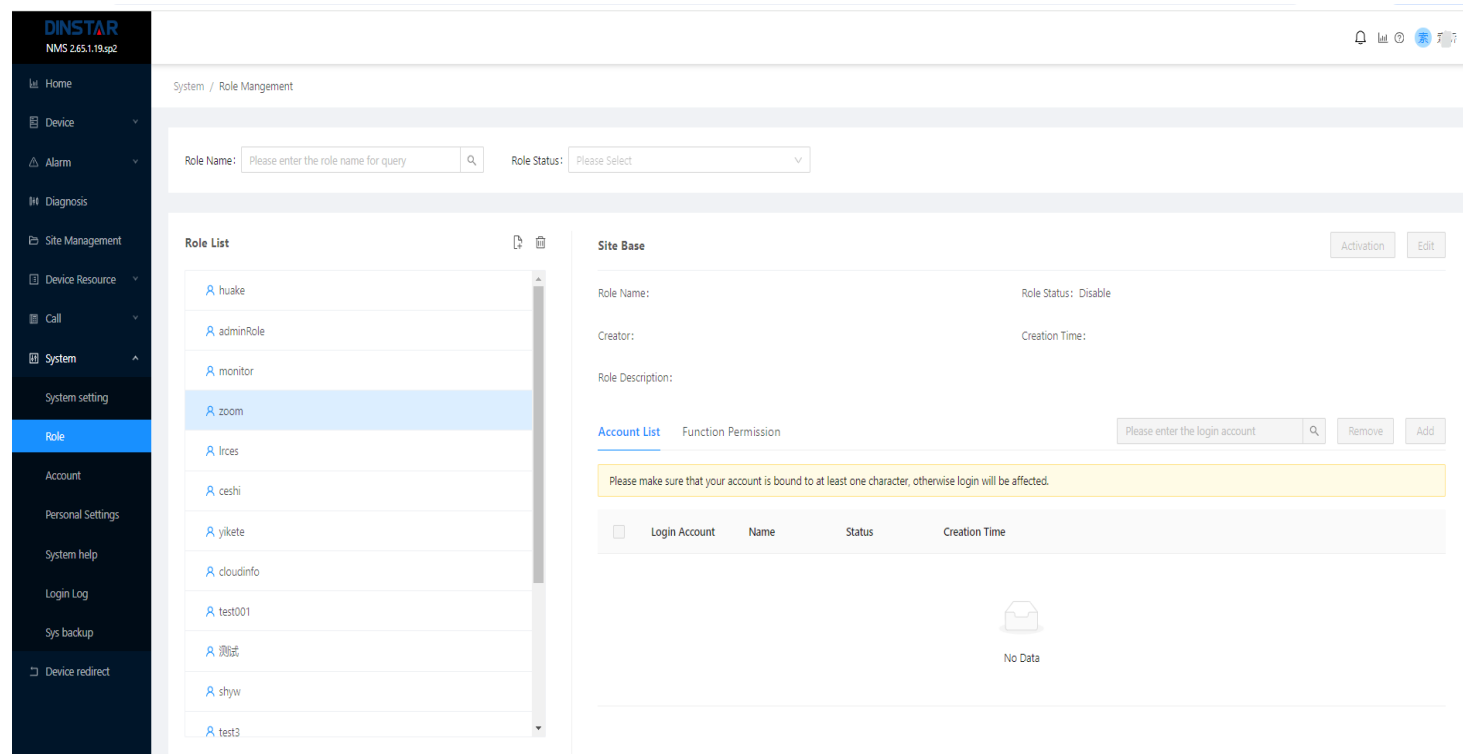
NMS Main function

- ## Resource Management

  ➢ Upgrade Package Management

  ➢ Configuration File Management

  ➢ Backup File Management

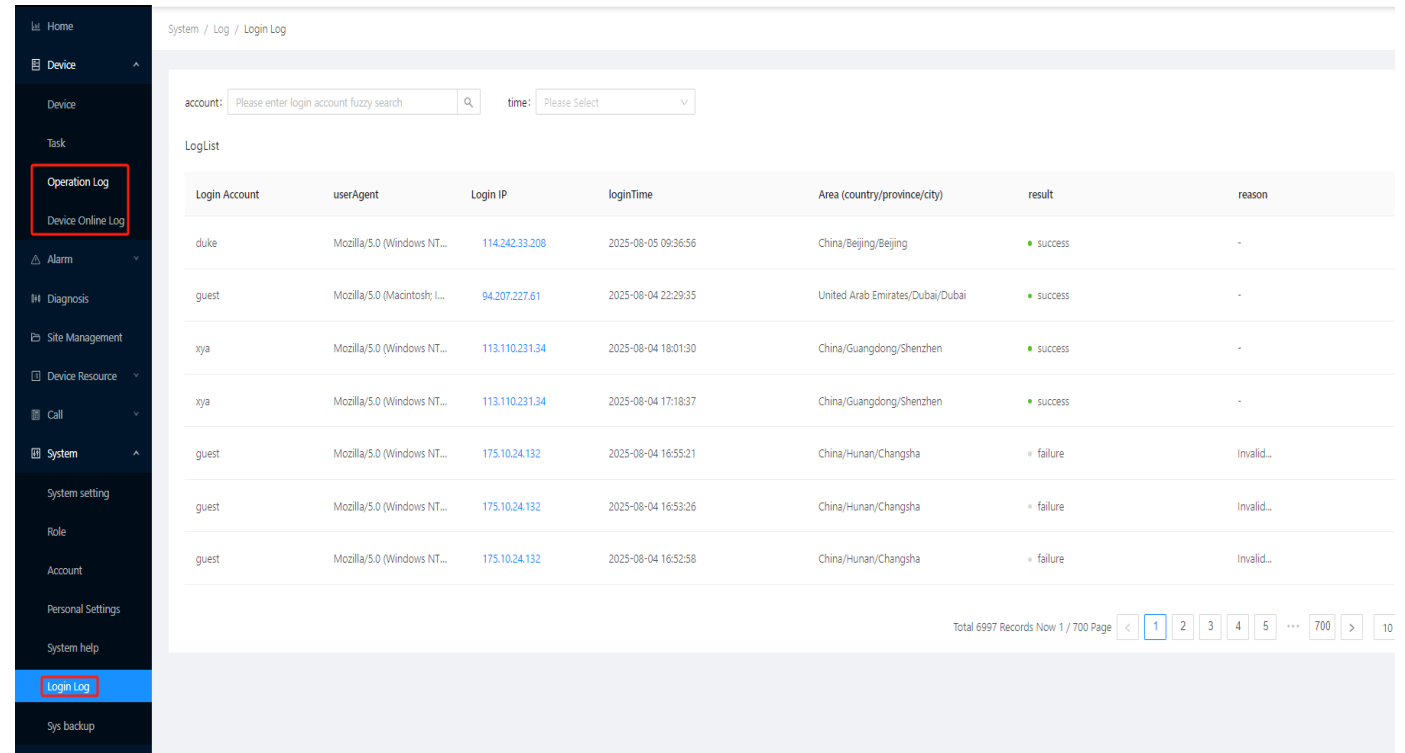 ➢ OpenVPN File Management

NMS Main function

- **Service Management**

  ➢ CDRs Management

  ➢ Voice Quality Analysis

  ➢ Statistic Analysis

  ➢ People Contacts

  ➢ Enterprise Contacts

  ➢ Device Redirect

NMS Main function

DINSTAR
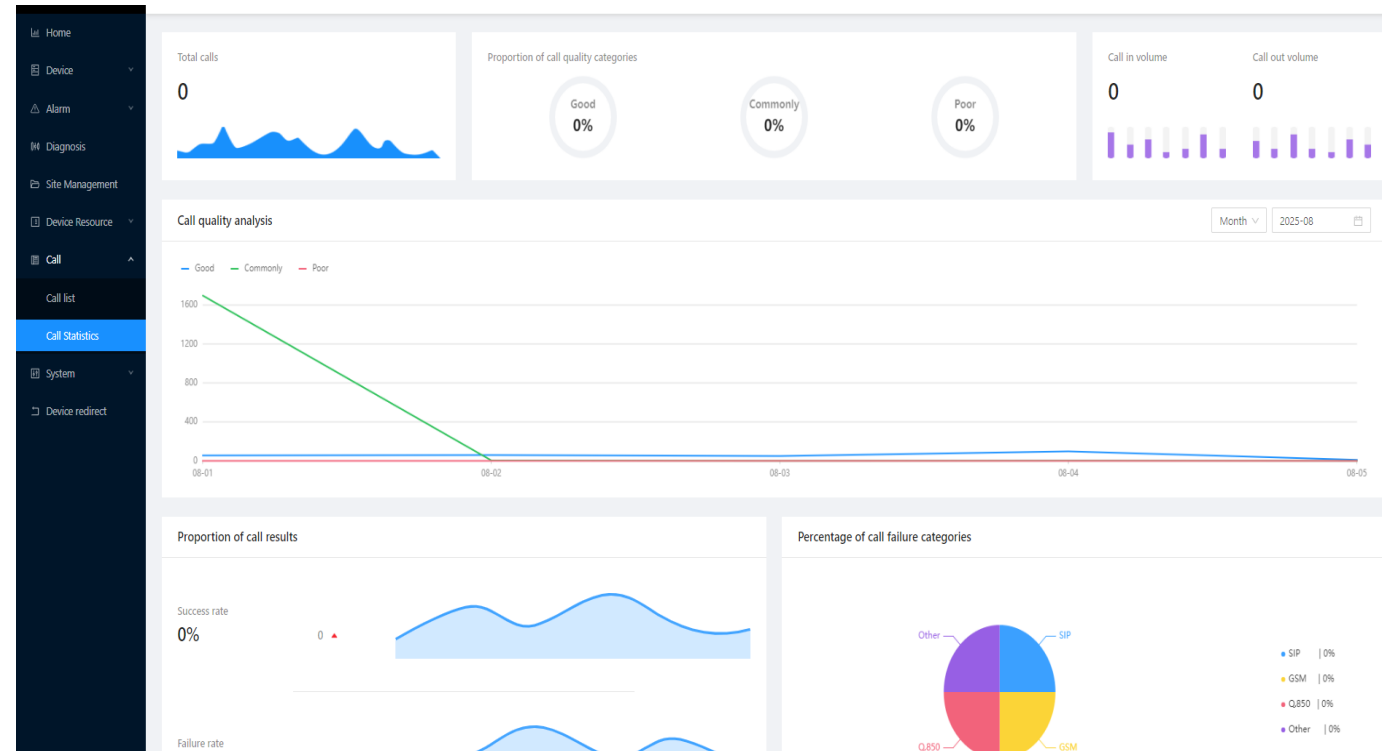
- ## Log Management

  ➢ System login log

  ➢ Equipment operation log

  ➢ Device online log

NMS Main function

- ## Security

  ➢ TLS Encrypted Transmission

  ➢ Web Attacks Avoiding

  ➢ License

  ➢ Token Bucket Traffic Limiting

  ➢ IP Blacklist

  ➢ Device Connection Authentication

  ➢ Remote Access Timeout

THANKS

✉ sales@dinstar.com   🌐 www.dinstar.com   ☎ +86 755 6191 9966