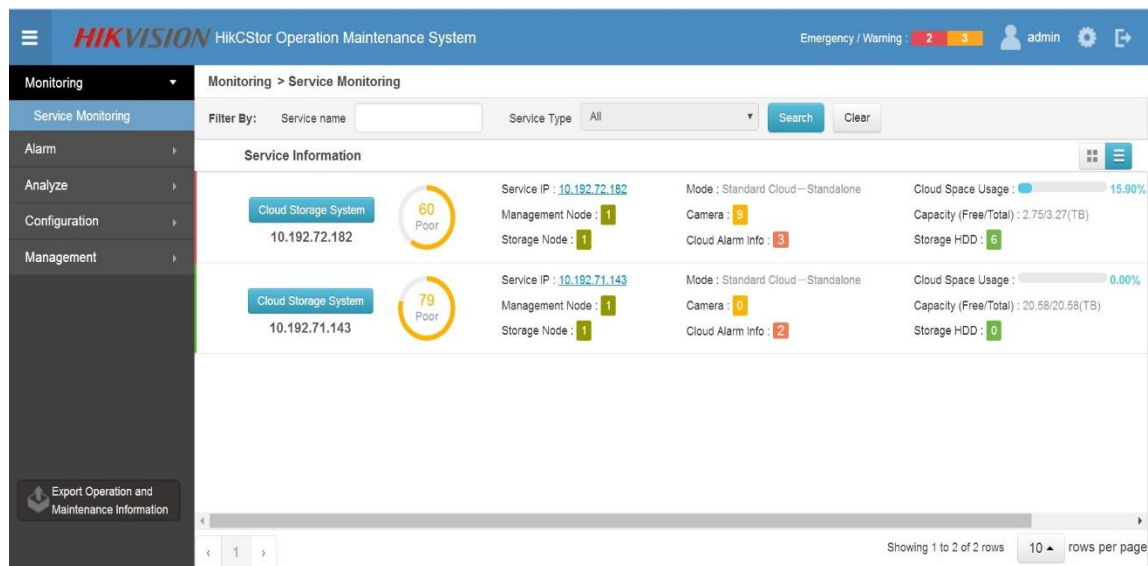


Cluster Video Storage Maintenance Software

Product Introduction

The maintenance software is designed by Hikvision for better serving the Cluster video storage (ICVS) system through managing the hardware, software and system as a whole. By interacting with ICVS system, the software can access ICVS resources, obtain operation status, set alarm and notification, and display classified maintenance data. Its friendly interface helps users know the operation status of all devices in the cluster, simplifying the maintenance of the system for administrators.



Product Feature

- **Multiple Clusters Maintenance Management**
 - Multi-directional video security system for one or more ICVS
 - Integrated management of multiple ICVS
 - Unified management of user visit and permission
- **Comprehensive Statistics**
 - Real-time data collection of hardware, software and system operation for analysis and display
 - Analysis and statistics of the space, system stress, video inspection and alarming
- **Intelligent Diagnosis of Fault Alarm**
 - Multiple alarms for fully controlling the operation status
 - Timely alarm notification to maintenance staff through e-mail, message or two-way audio

Product Function

- **System Management**
 - Information management of service, user, operation log and version
 - Operation management of collection schedule, alarm notification, blacklist, network management, and time synchronization server, etc.
- **IP Camera Information Collection**
 - Information collection of hardware, software and system
 - Real-time collection of Cluster health, system stress, Cluster space information, hardware node (CPU and memory usage), camera, HDD, etc.
 - Video inspection, allowing video searching according to date or month
- **Alarm Information Management**

- Alarm information management and search of ICVS software and hardware
- Information collection and statistics of service process, space, hardware node, and camera
- Alarm notification to maintenance staff through e-mail, message or two-way audio
- **Statistics Analysis Management**
 - Analysis and statistics of the space, Cluster stress, node device and video inspection
 - Analysis and statistics of general alarm information
 - Bar graph or pie graph display of statistics

Parameter

Hardware	
Processor	Two E5-2620
Memory	Over 16 GB DDR4
HDD	Two 1 TB SATA
NIC	1000 Mbps
Hardware	
Operating System	Centos 7.0 – 64 bit

Application topology

The application topology of HIKVISION ICVS maintenance software is shown below.

