

SHANY

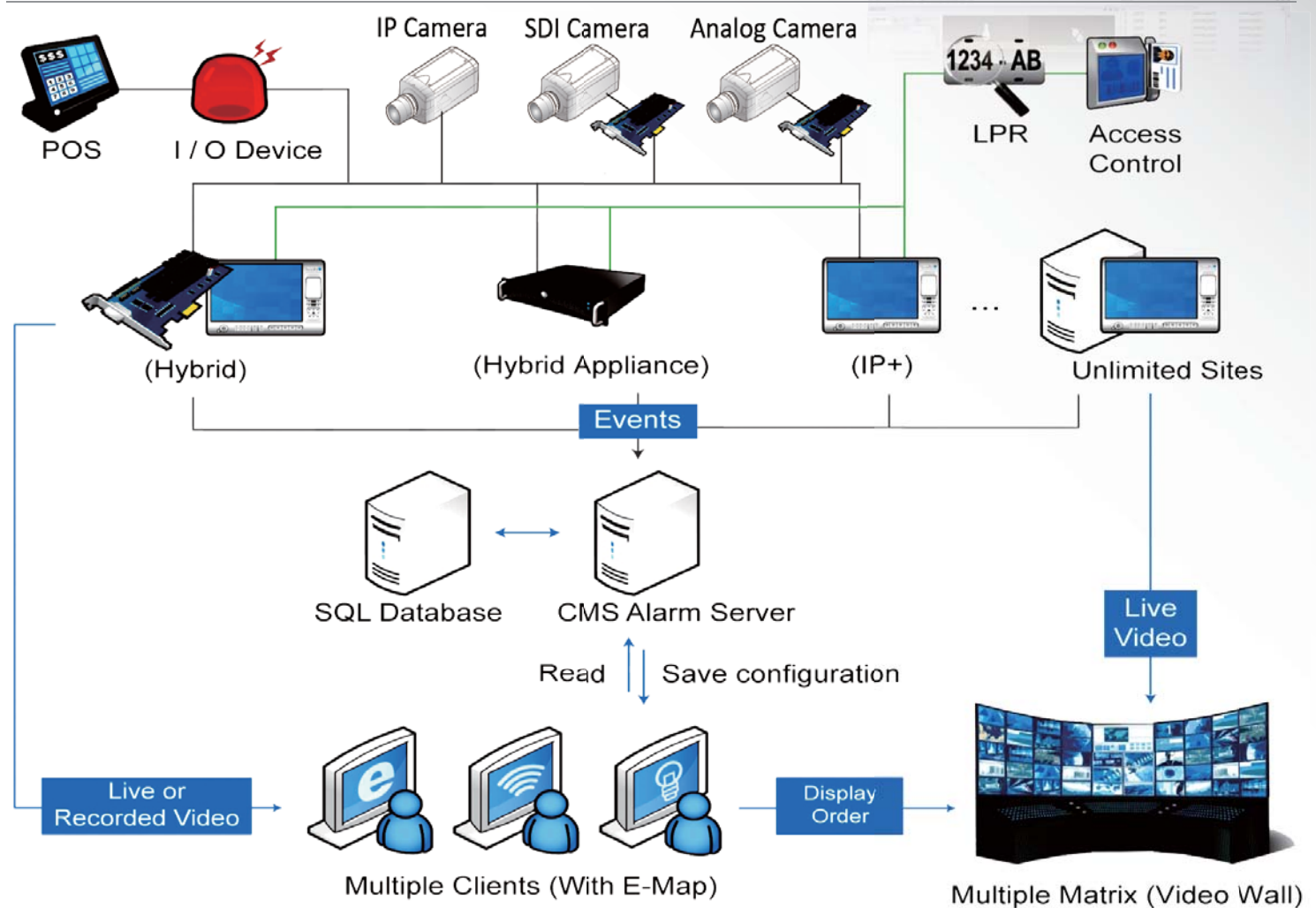
SHANY Central Management System (CMS) SCM-2001PC

The Shany Central Management System (CMS) is a powerful system designed for large-scale and high level enterprise projects. CMS can manage all Shany product lines including NDVR Hybrid, NVR, DVR. Shany CMS supports unlimited numbers of cameras, I/O devices, POS, LPR, access control, servers and users. The controls and operation of Shany CMS is clear cut and map centric. It has the most powerful alarm management system among all Shany product lines and can control unlimited matrices or viewing consoles in the centralized control room. CMS Matrix offers a video wall for users to get video and manage alarm efficiently and instantly.

This seamless management of digital video, audio and data is a powerful solution for large scale installations



System Architecture



Support Language

Chinese (Simplified)	Chinese (Traditional)	Danish	English	Farsi	Finnish
French	Hebrew	Hungarian	Italian	Japanese	Korean
Portuguese (Brazil)	Portuguese (Portugal)	Russian	Serbian	Spanish	Thai

*Specifications are unfixed and do not apply to customized projects. 120301

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This seamless management of digital video, audio and data is a powerful solution for large scale installations

- Authentic client-server architecture
- Centralized management
- Video matrix wall
- Advanced instant alarm management
- Supports unlimited cameras, I/O devices, POS, LPR and access control
- Supports multiple layers of E-map
- Instant live view and playback
- User privilege and user group
- Supports two-way audio
- Backup alarm recording in clients
- Matrix view profile (Device groups)
- View tour, camera tour and grid tour
- Advanced GUI alarm
- Windows Active Directory
- Alarm status, data mining and reporting function
- Instant playback
- Remote backup
- Embedded remote control
- PTZ control and keyboard control



Features

Product Name	SCM-2001PC
Key features	
Client Server Architecture	One CMS server could be connected by several CMS clients
Supported Devices	Support all Shany based site, as well as all I/O devices, POS, LPR and access control systems and IP camera brands supported by
Unlimited Server Solution	Unlimited access of cameras and DVR/NVR/NVR mini sites
Multiple Matrix System	Unlimited matrix consoles connectable through network
Live Viewing	Up to 64 concurrent camera viewing for each matrix console
Full Alarm Management	Acknowledge or manage alarm log in the most efficient way
Triple Monitor Scenario	
Default Monitor #1	Navigation Panel / Map Section
Default Monitor #2	Live Matrix System
Default Monitor #3	Alarm List / Message List / Remote Playback
CMS Server	
Alarm Database	SQL Server 2005 Express as database to store all alarms
Central Server	Store the site map data by hierarchical structures, Directly connect to surveillance server to get alarm notifications
Supported Notification	Provide TCP service for CMS client access through network, Registers different time zones into UTC format Send E-mail / SMS message
E-Map	
Map Tree Hierarchy	Unlimited level of display site map
Maps Formats	Supported image format: BMP, GIF, JPEG, PNG, and TIFF
Define Surveillance Servers	New / Edit / Delete / Disable and Enable
Define Cameras	New / Edit / Delete / Disable and Enable
Navigation Tools	Use to use zoom in, zoom out and drag operation
Indicators on Maps	Indicators for maps, servers, cameras, I/O devices , POS, LPR and access control systems, Indicator icons, support image format with alpha channel (TIFF), Display camera coverage, Easy to find device on Map and Matrix View
Instant Status Notification	shows corresponding icon nearby device icons to automatically notify users of the events
Intuitive Operation on Maps	Open Last Alarm, Open Live Video Window, Open Instant Playback Window, Backup Recorded Video View Server Status Report, Search , POS, LPR and access control systems transaction data
Live Popup Window	Live popup window to use audio/talk functions and show live video with PTZ control panel
Playback Popup Window	Remote playback popup window to replay recorded video and audio, Export to AVI/ASF file and snapshot with digital watermark
Alarm Management	
Supported Alarm Type	Video Signal Abnormal, Digital Input Trigger (Normal / Emergency), 3rd Party Transaction Alarm Trigger, Network Abnormal, DVR / NVR Abnormal, Motion / Missing / Foreign / Focus / Blocked Low Disk Space CPU temperature High / Fan Speed Low
Action when Alarm	Instant notifications on map and event list Go to specific map layer Play sounds Automatically show live video on popup window Automatically show live video on live matrix system Send SMS Send Email
Alarm Viewing	Filter tools to survey existing alarm history
Alarm Detail Popup	Show / Print a specific alarm with image preview
Advanced Alarm Search	Access required alarm logs in the most efficient way
Matrix System	
Live Viewing	Up to 64 concurrent camera viewing
Grid Type	Standard: 1, 4, 9, 12+1, 16, 25, 36, 49, 64 , Wide Screen: 1+3, 2+4, 3+8, 12, 48
Video Tour	Flexible auto scan mechanism and full screen viewing , View tour, Camera tour, Grid tour, Alarm tour in simple and salvo mode
Automatically Popup	Show the live video associated with alarms
PTZ Panel	Floating PTZ panel to manipulate cameras on the matrix system
Keyboard and Joystick Support	Control PTZ camera by Keyboard and Joystick via CMS Client
Remote Playback System	
Remote Playback	Up to 16 concurrent camera viewing
Grid Type	1, 4, 9, 16
Export Function	Save as image and video, as well as printing
Smart Search	Fast search based on the specific event Include General motion, Missing object, Foreign object, Lose focus and Camera occlusion
Miscellaneous	
UserGroup Authority	Alarm Management, View Alarm Image, View Live Video, View Recorded Video, PTZ Control with User Privilege Hierarchy Control Digital Output, Remote Desktop, View and Search , POS, LPR and Access Control Systems Transaction, Audio / Talk, Access Devices
User Authority	User/Password, Phone Number, Email / Phone number, UserGroup , Coverage, Matrix View Groups
Built-in Remote Desktop	CMS is capable of controlling Shany servers through the remote desktop protocol.

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