Introducing QNAP Surveillance Central Management System

Build, Manage and Profit with an IP Surveillance Total Solution

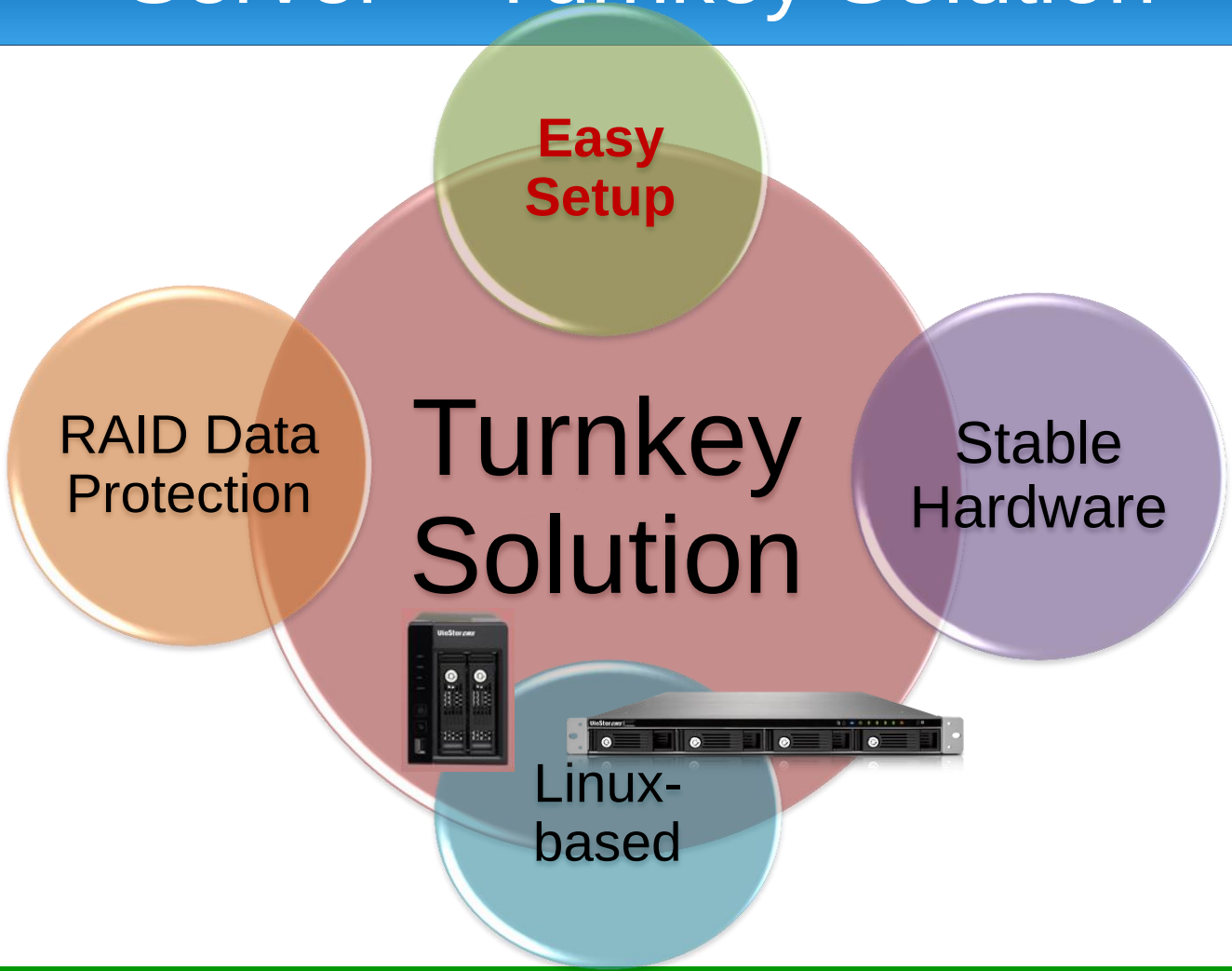
Agenda

- QSCM Structure Overview
- QSCM Feature Highlights
  - Centralized Event Management
  - Centralized Device Management
  - Flexible Central Monitoring
  - Open Platform
  - Online Project Scalability
- Project Planning Tips
- QSCM Lite Introduction

QSCM Structure

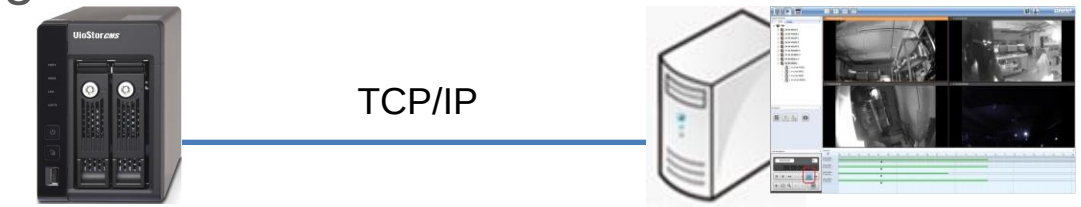
QSCM Application

Server – Turnkey Solution



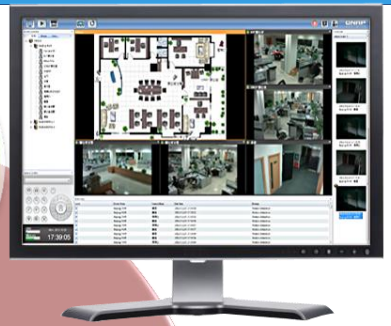
Easy Setup

- Easy system setup in 6 steps
  - ① Install the hard disks
  - ② Connect the network cable and power on the CMS server
  - ③ Using QNAP Finder to detect CMS server IP add
  - ④ Run the Quick Configuration
  - ⑤ Install CMS client software on a PC
  - ⑥ Log into CMS server from CMS client



Client – Easy Central Monitoring

Quadplex



Live View

Config

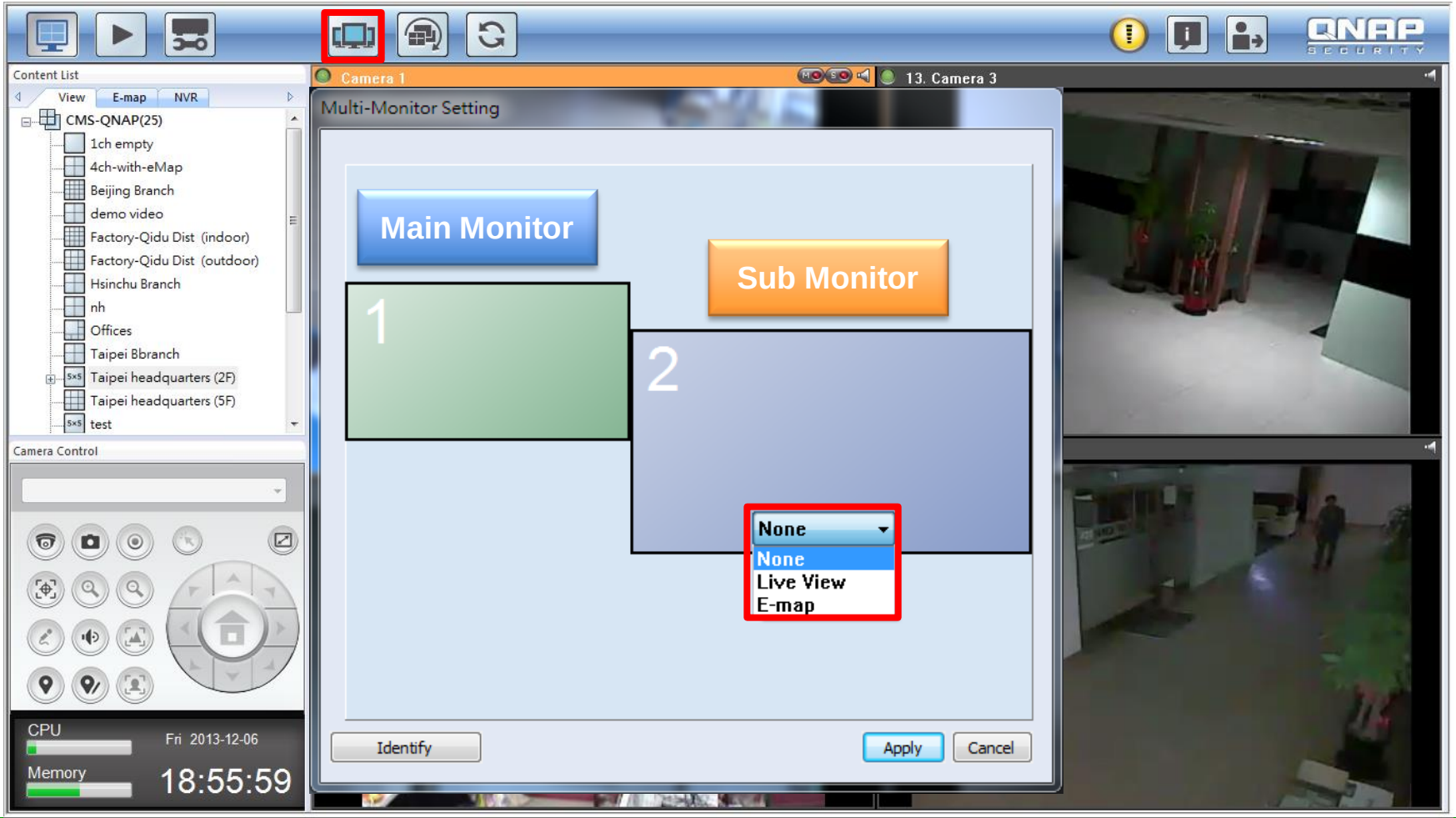
QSCM Client Software

E-map

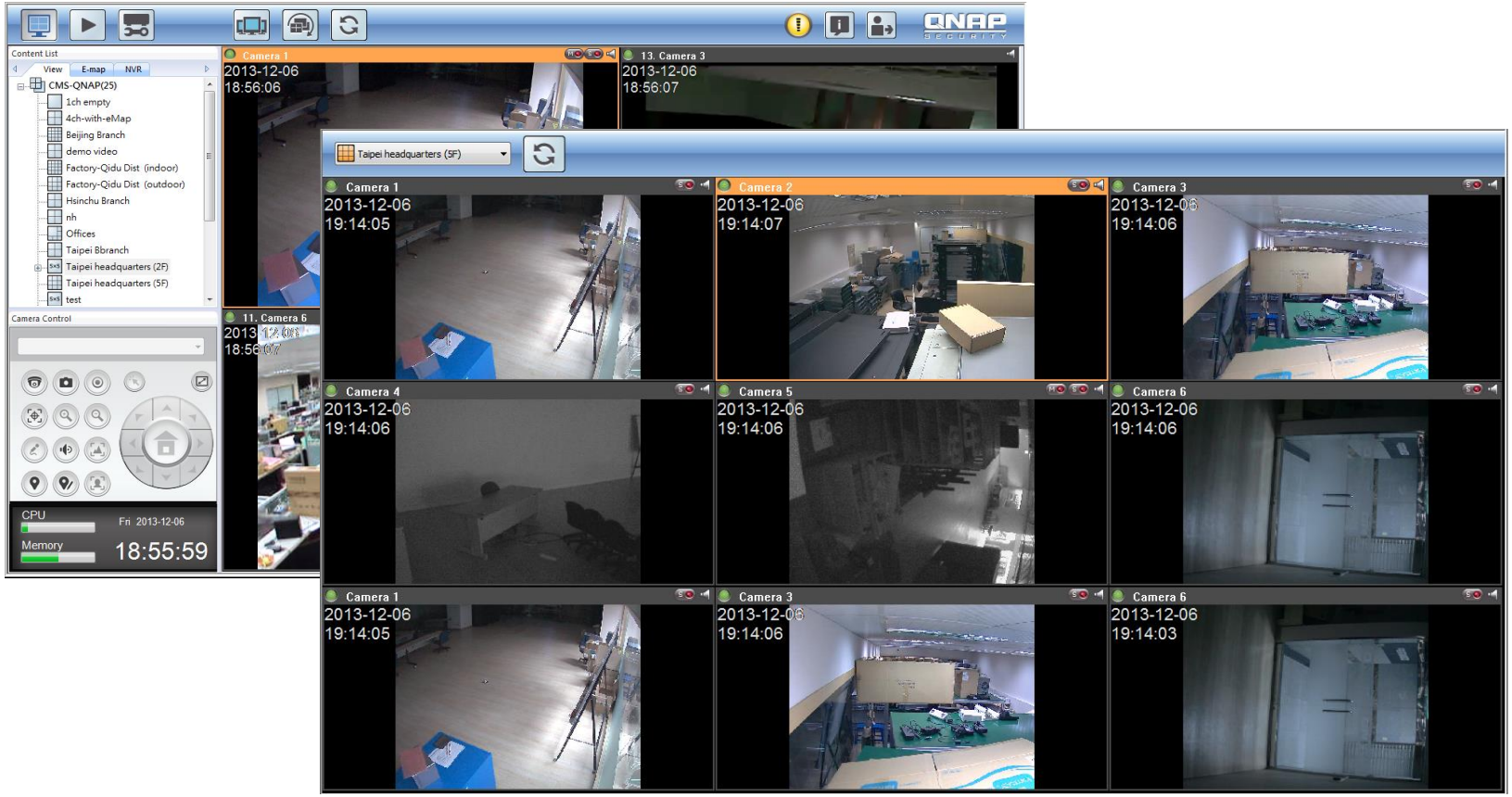
QSCM

Playback

Multi-Monitoring Settings



Sub Monitor – Live View



Sub Monitor – E-map

Feature Highlights

Centralize Site with Ease

Centralized Event Management

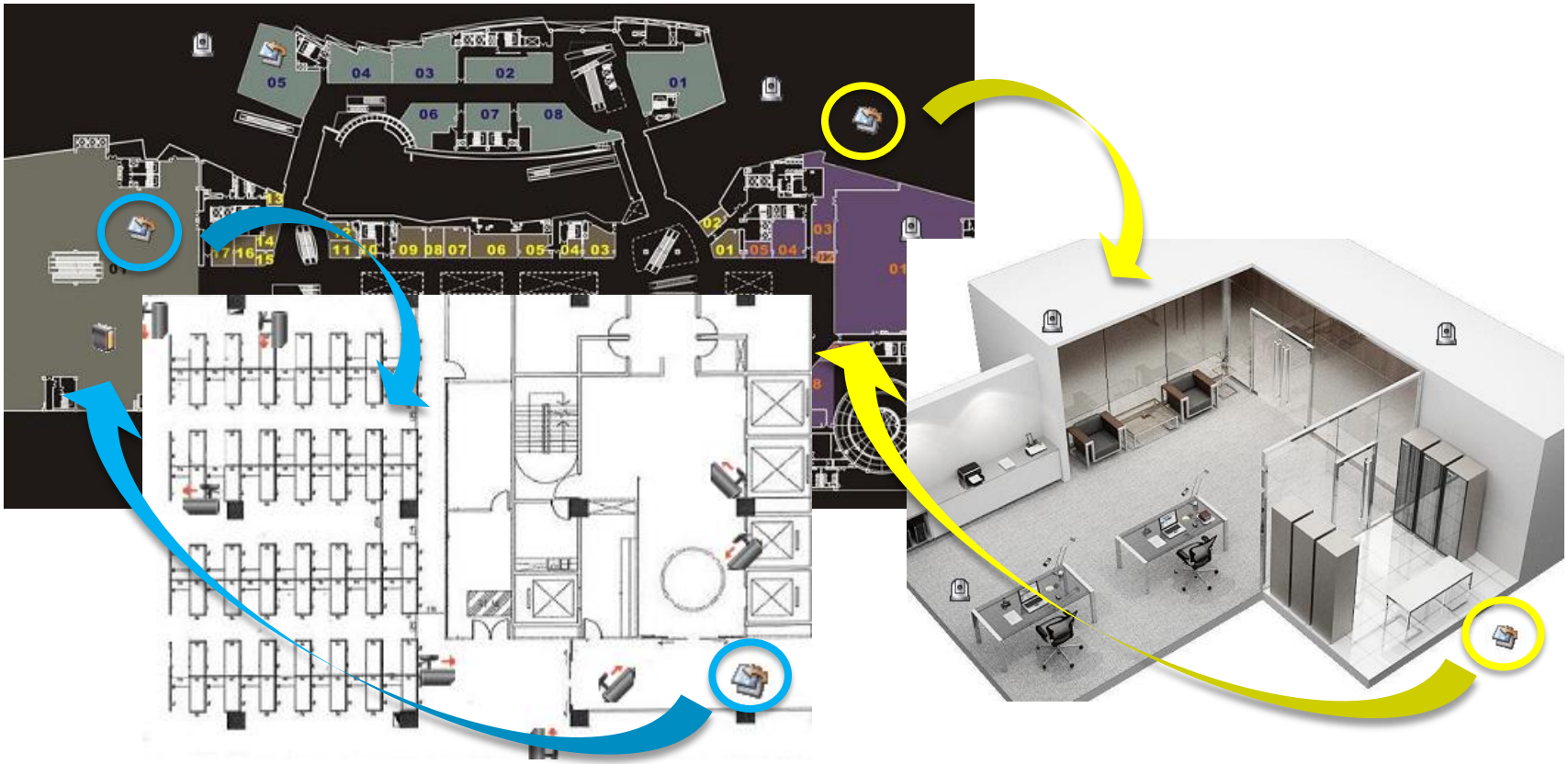
Features for you to instantly respond and track to any event from multiple sites

E-map Based Event Alert

- When event occurs, camera icons turns into red indicators to show the event location
- Double-click the camera icon to get the live view video of the event status
- Event source:
  - Edge motion
  - Camera I/O

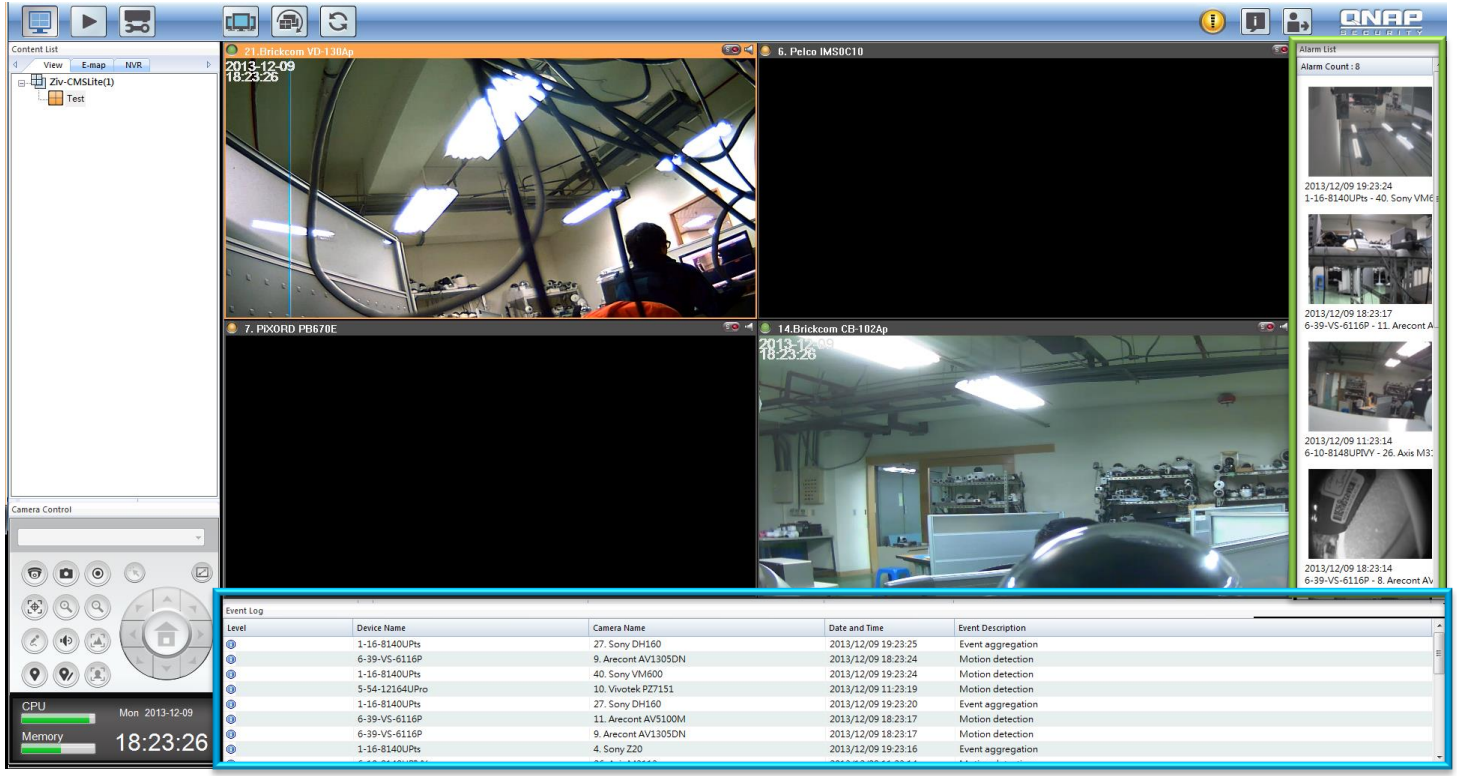
Multi-directional E-map links

Hyperlink Concept

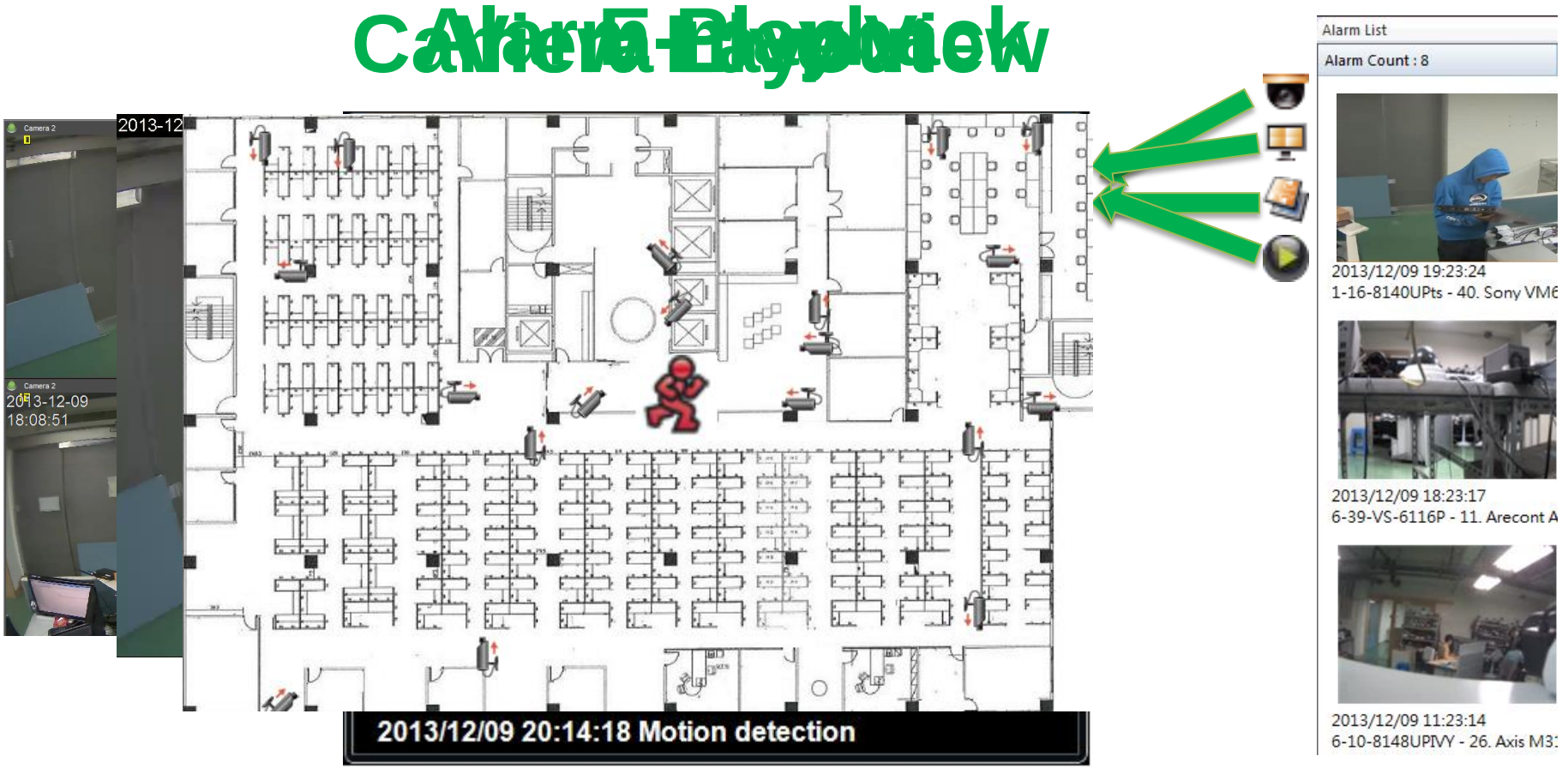


Alarm Mode

Alarm List + Event Log



Instant Handling



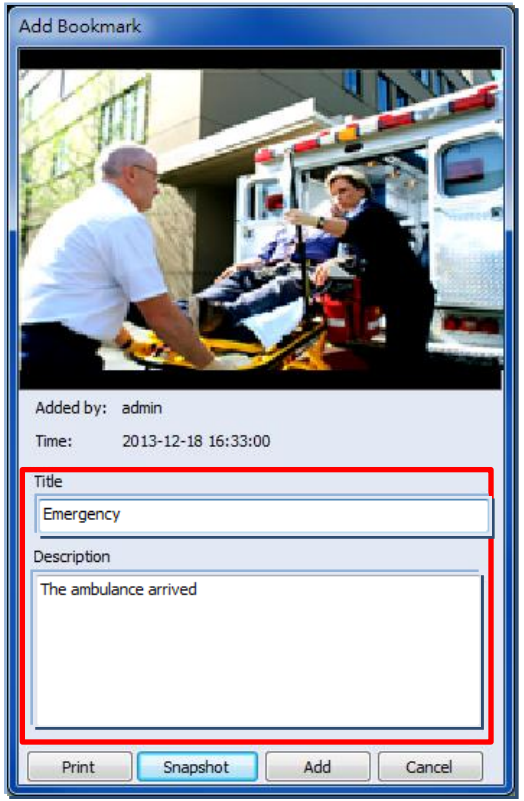
Dashboard

- Status overview (NVR/Camera/User) and alarm stats chart
- Click “learn more” for detailed info
- Abnormal event marked in yellow

Bookmark

- Note for unexpected event
- Available in both live view & playback
- Either default or detailed content
- Efficient evidence search

Detail Bookmark

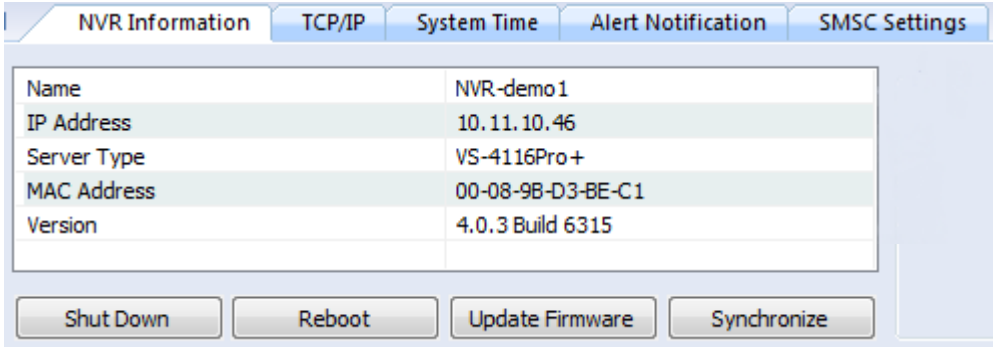


Centralized Device Management

Features for you to easily manage and set up hundreds of NVR and cameras

Remotely and Centrally Configure

- NVR
  - E-mail notification
  - SMS notification
  - Shutdown/Reboot
  - Update firmware



- Camera
  - Recording parameter
  - Recording schedule
  - Audio/Manual recording

“Apply All” Configuration

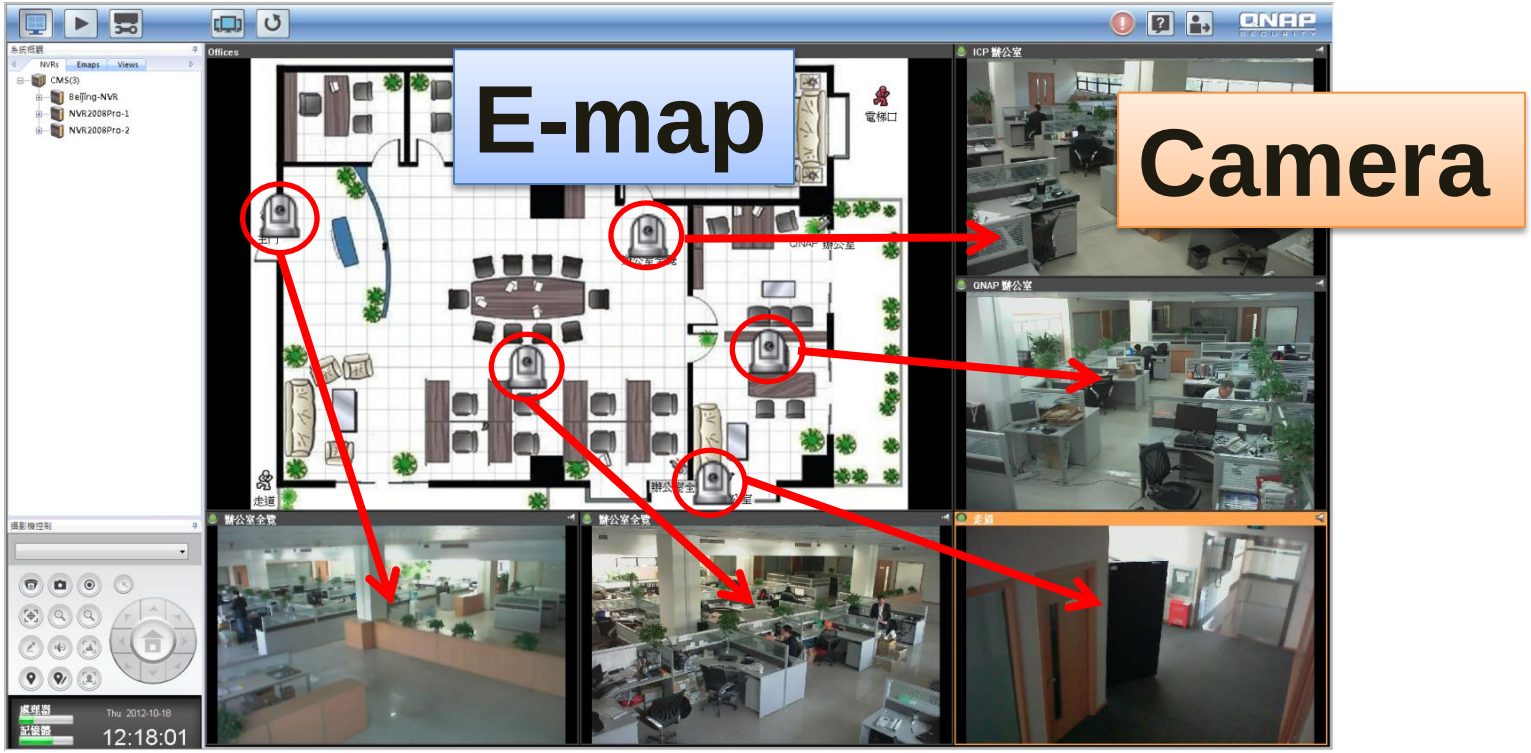
- Settings can be synchronized by grouping devices of the same model, saving configuration time.

Flexible
Central Monitoring

Features for you to safeguard your places more efficiently and with no blind spots

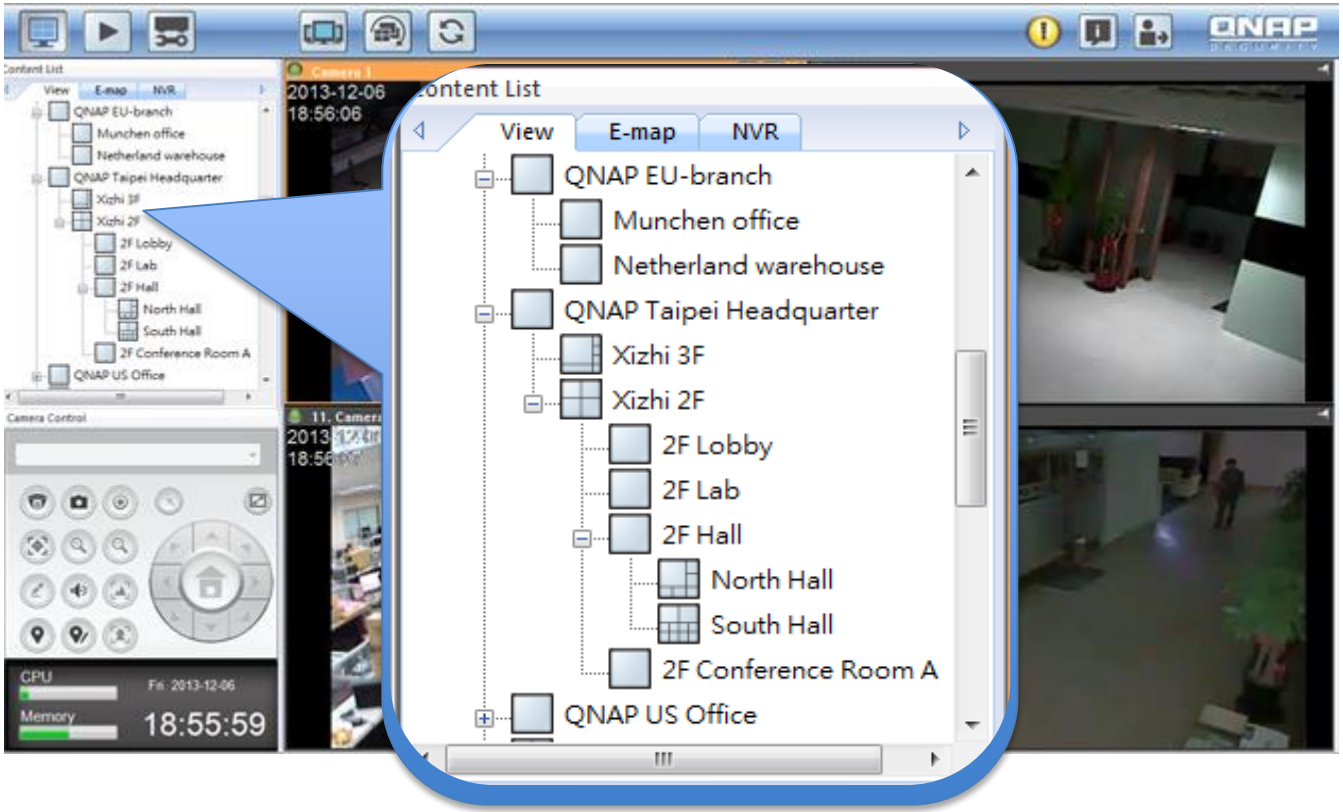
View Content

- Easier floor plan management



Tree-structure Content List

- Tree-structure design makes it more efficient to organize and classify your floor layouts

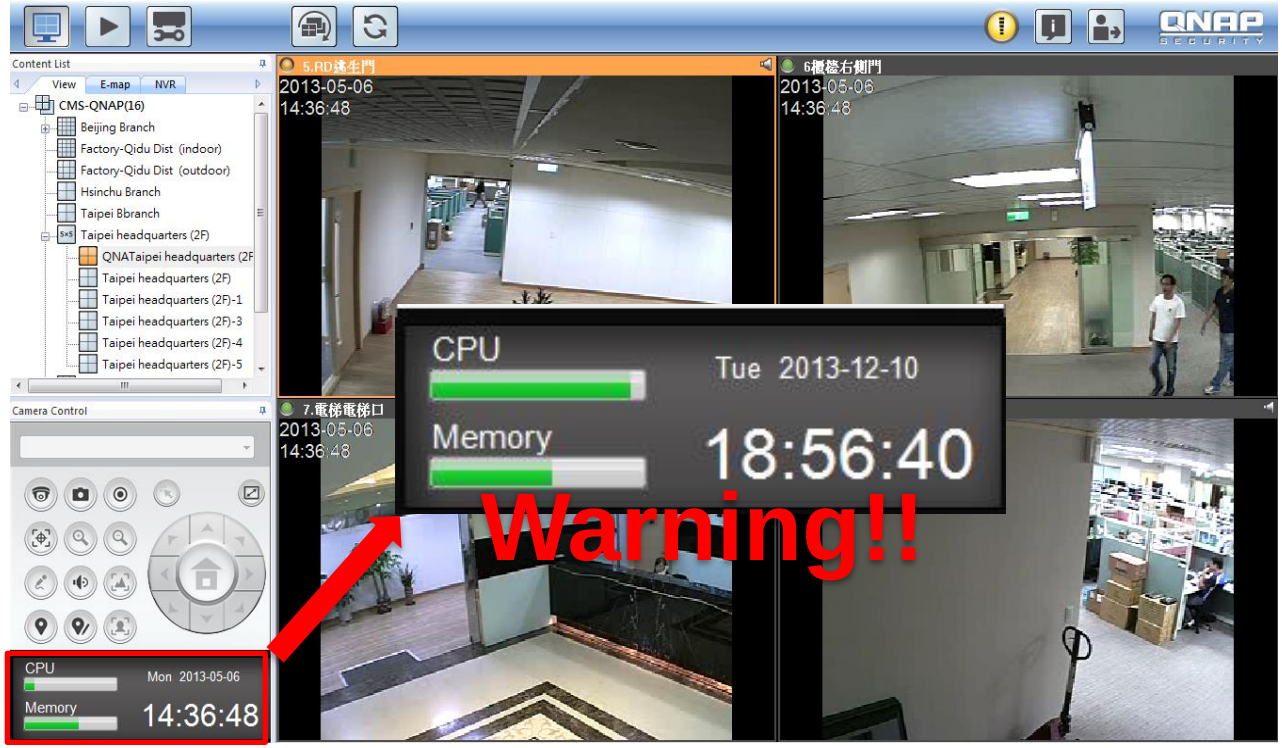


Unique Sequential Mode

- Different importance with different settings
  - Critical areas without rotating
  - General areas in sequential mode

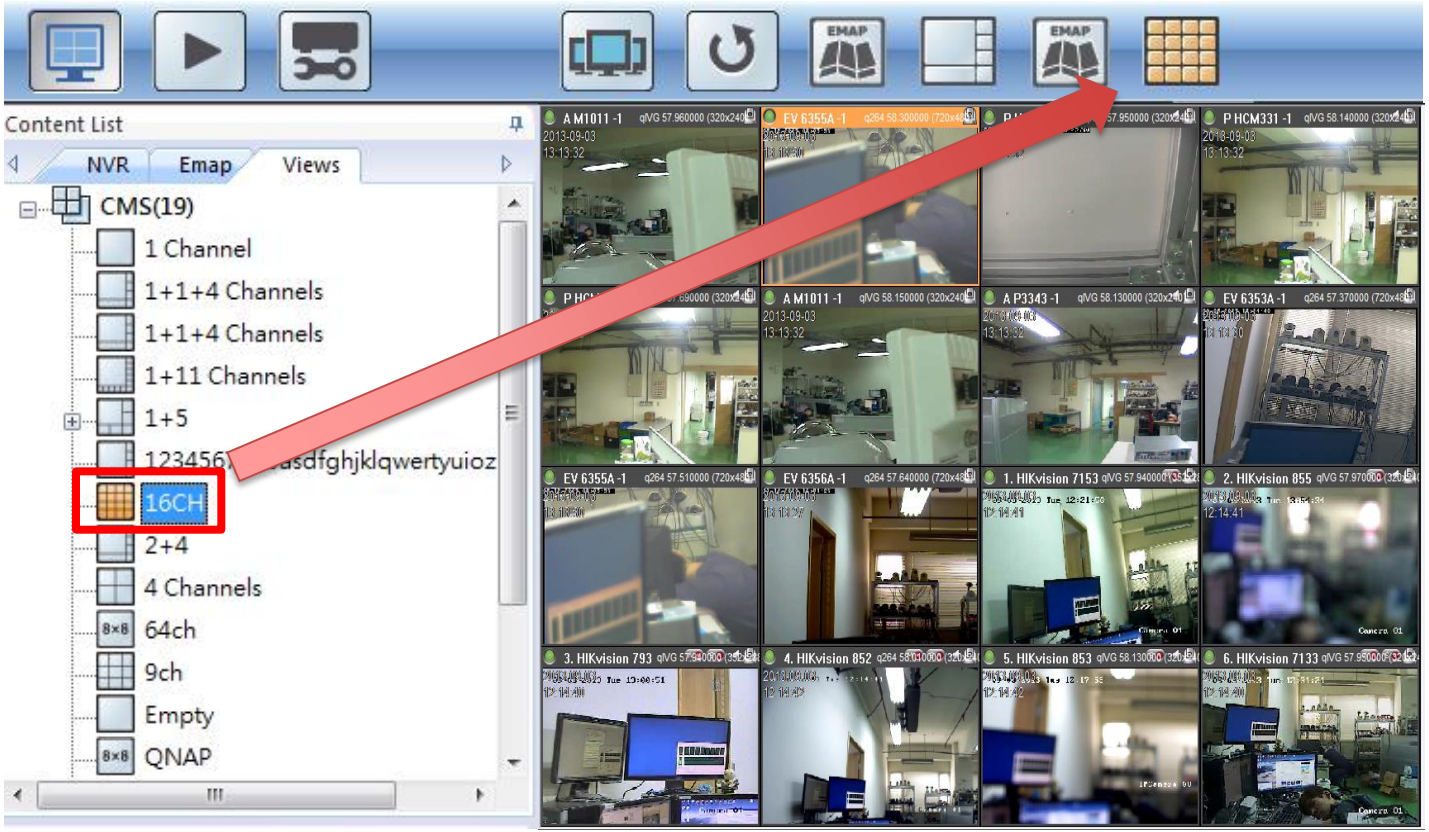
Easy Resource Check

- A quick resource check if decoding loadings on platform are too high



Shortcut

- Drag and drop the most frequently watched content



Centralized Playback

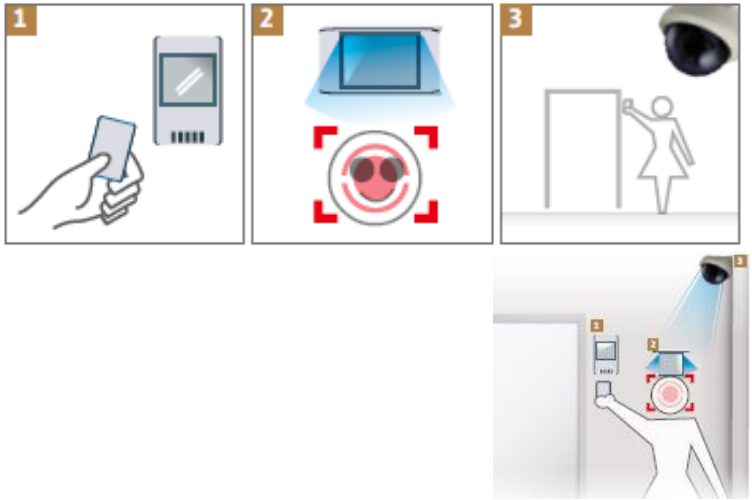
- Centralized playback up to 16 cameras from 16 NVRs
  - Sync Mode: Capture the moment from different angles
  - Async Mode: Trace and track the suspect at different time

Open Platform

Seamlessly integrate applications into your systems and manage them all together

Open Platform*

- Common 3rd party related application
  - Access Control
  - POS (Point of sale)
  - LPR (License plate recognition)
  - IVA (Intelligent video analytics)
  - Face Detection



- 3rd party information can be recognized as the event source to trigger the pre-defined actions automatically
- Integration is applicable upon request

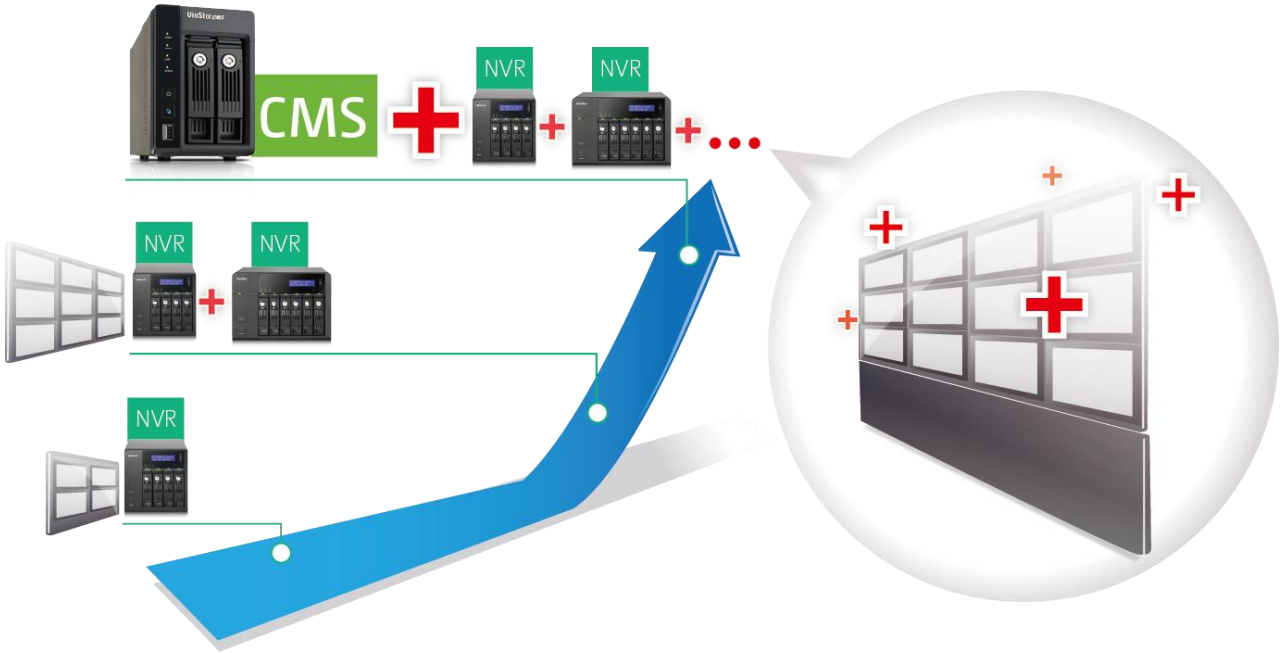
*Available in QSCM V1.2.0

Online License Scalability

Give you the long-term flexibility and scalability to wisely invest

Project License Scalability

- The number of channel license can be expanded online upon project expansion.

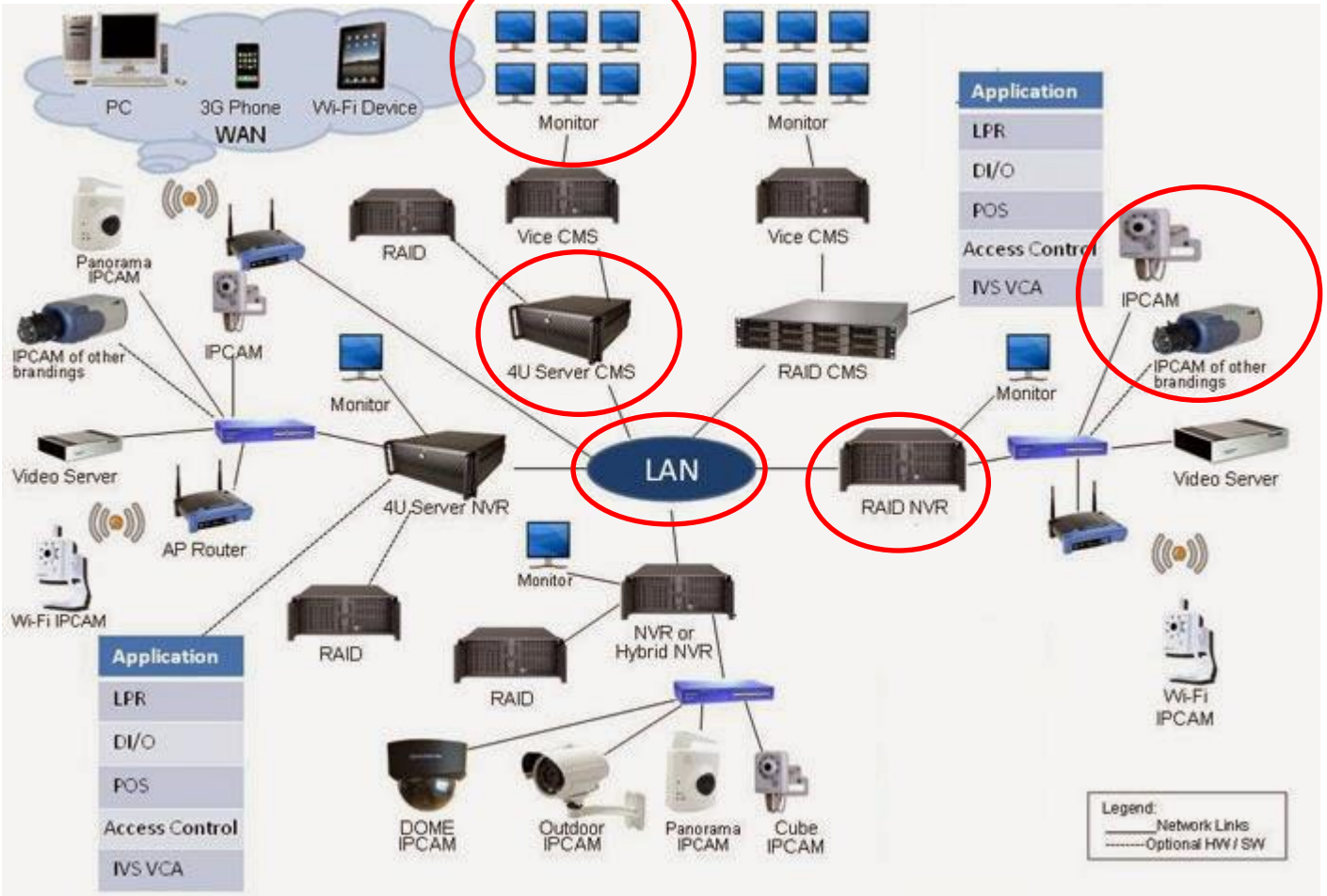


QSCM High Scalability

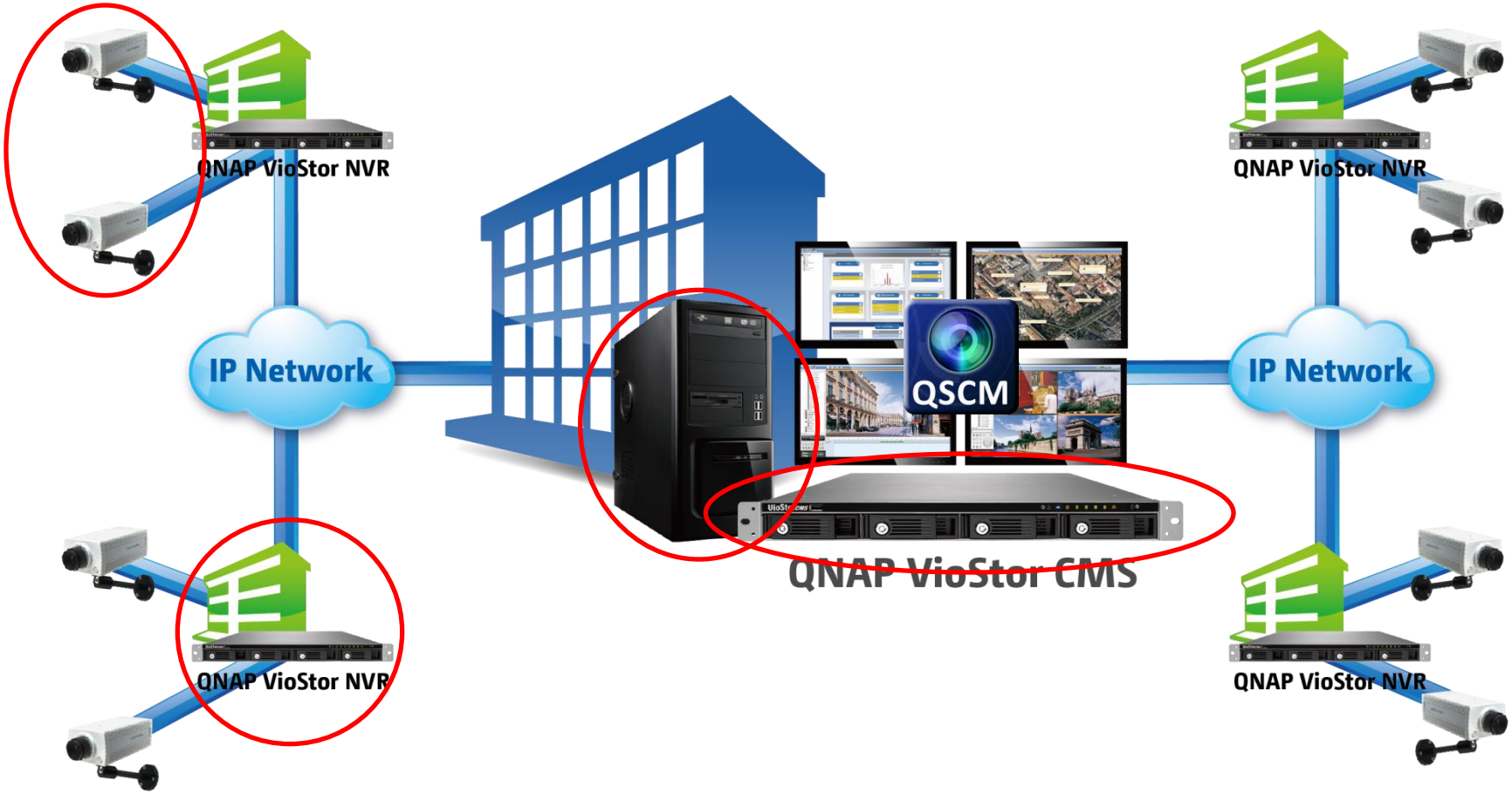
Comparing Items	Local Display	Multi-Server View (Free VMS)	QSCM (CMS)
Number of NVRs supported	1	30	**128**
Number of channels supported	64	128	**1,024**
Number of monitors supported	1	2	**8**
Concurrent user connections	1	32	**Unlimited**
Applicable site size	Small Scale Sites (1-64 CH)	Medium Scale Sites (64-128 CH)	**Large Multi-Site (64-1,024 CH)**
Key Feature	Flexibility of Deployment	Remote Monitoring	**Centralized Monitoring and Management**

Centralized
Event Management
QNAP VioStor
CMS
Online
License Scalability
Centralized
Device Management
Open Platform
Flexible
Central Monitoring

Project Component



Solution Framework



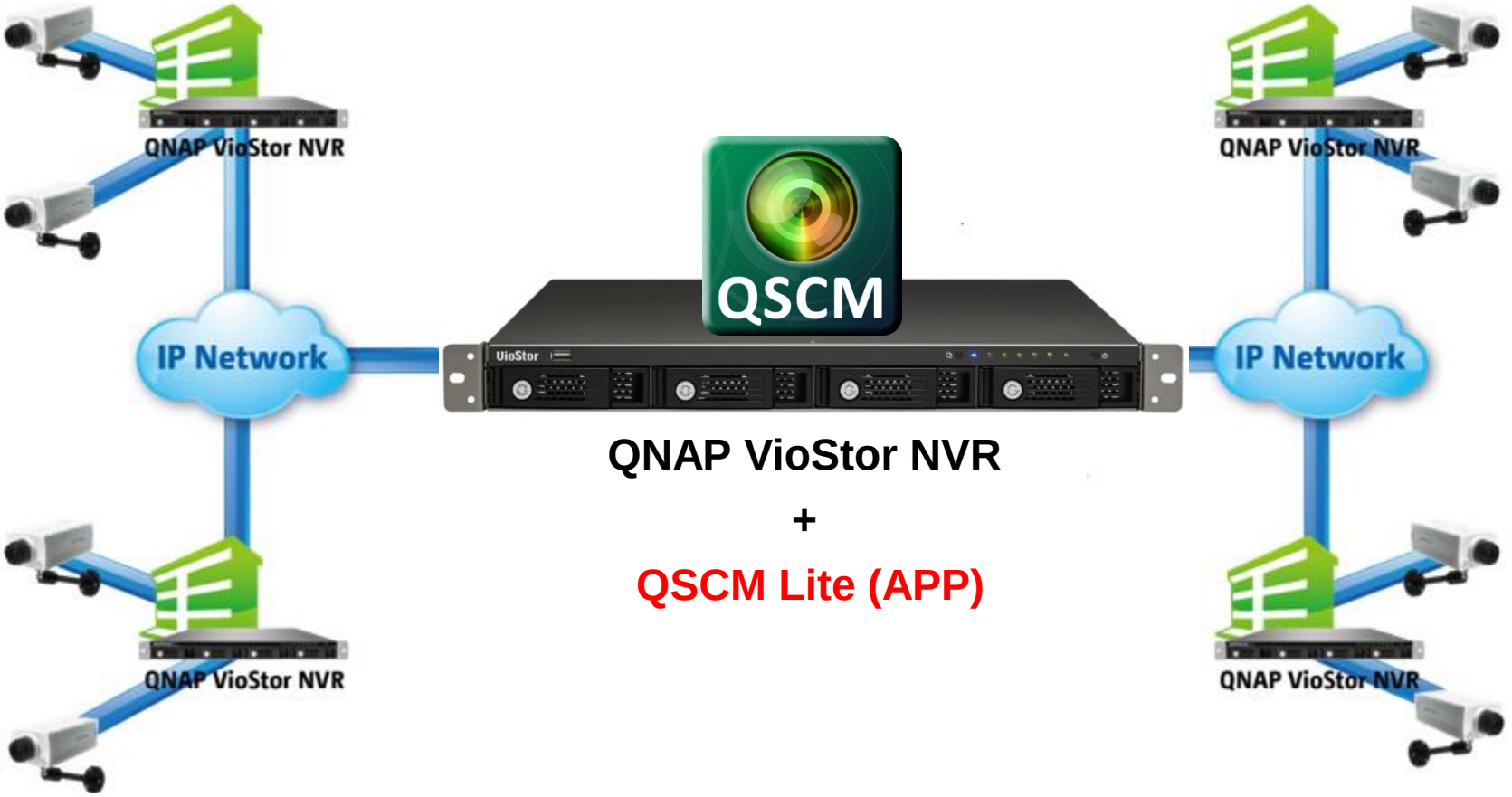
QSCM Lite

A powerful App(QPKG) turns your NVR into a CMS Server to control NVR/NAS Surveillance Station

QSCM Lite

- **What is QSCM Lite?**
  - QSCM as an App (QPKG) installed on QVR 5.0
- **What is the difference between CMS & CMS Lite?**
  - Limited QSCM functions
  - App revision schedule isn’t project-oriented.
  - Free of charge
- **Why QSCM Lite?**
  - Multi-server enhancement → to boost QVR requests
  - QSCM free trial → to encourage QSCM use and feedback

How does QSCM Lite work?



QNAP VioStor NVR

+

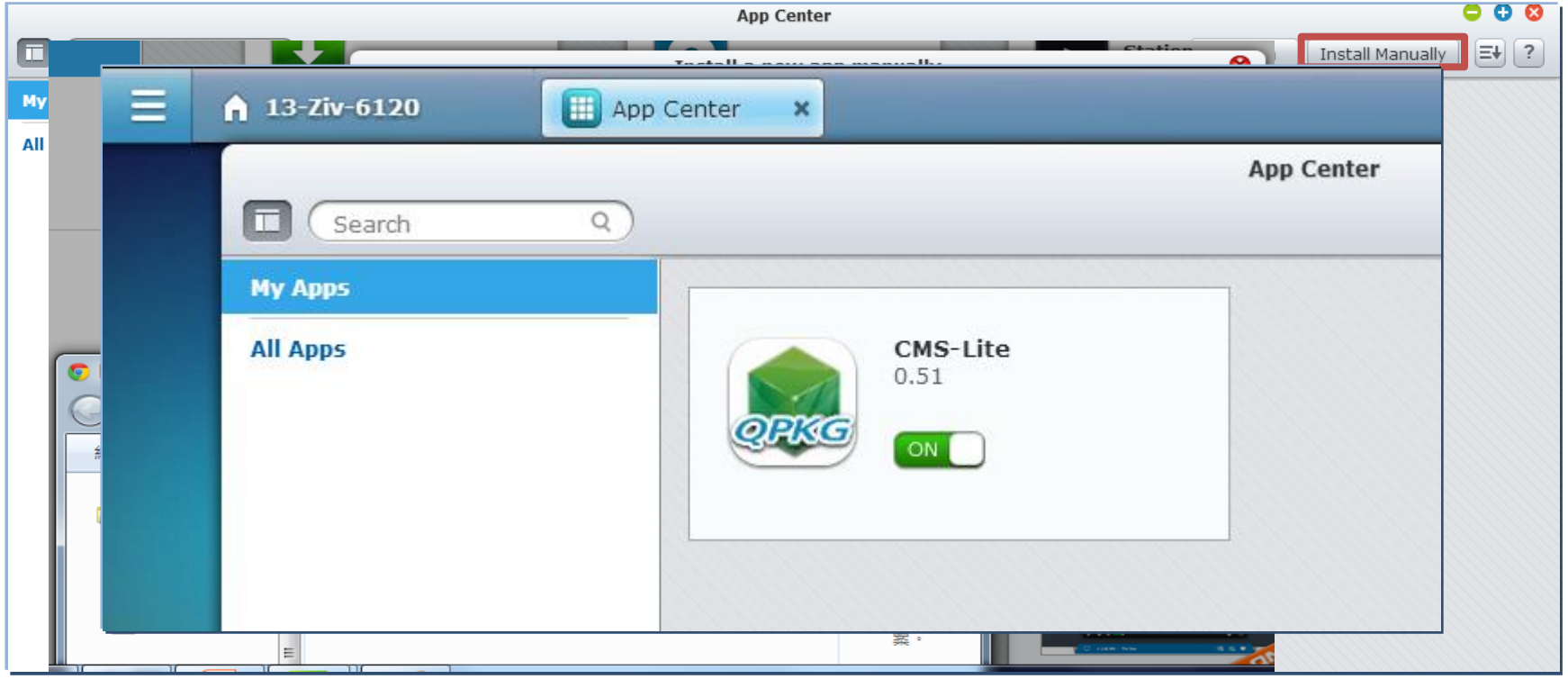
QSCM Lite (APP)

Easy Setup

- Easy system setup in 3 steps
  1. Have a VioStor NVR
  2. Download QSCM Lite App on App Store and install
  3. Choose “Login to CMS Lite” when login

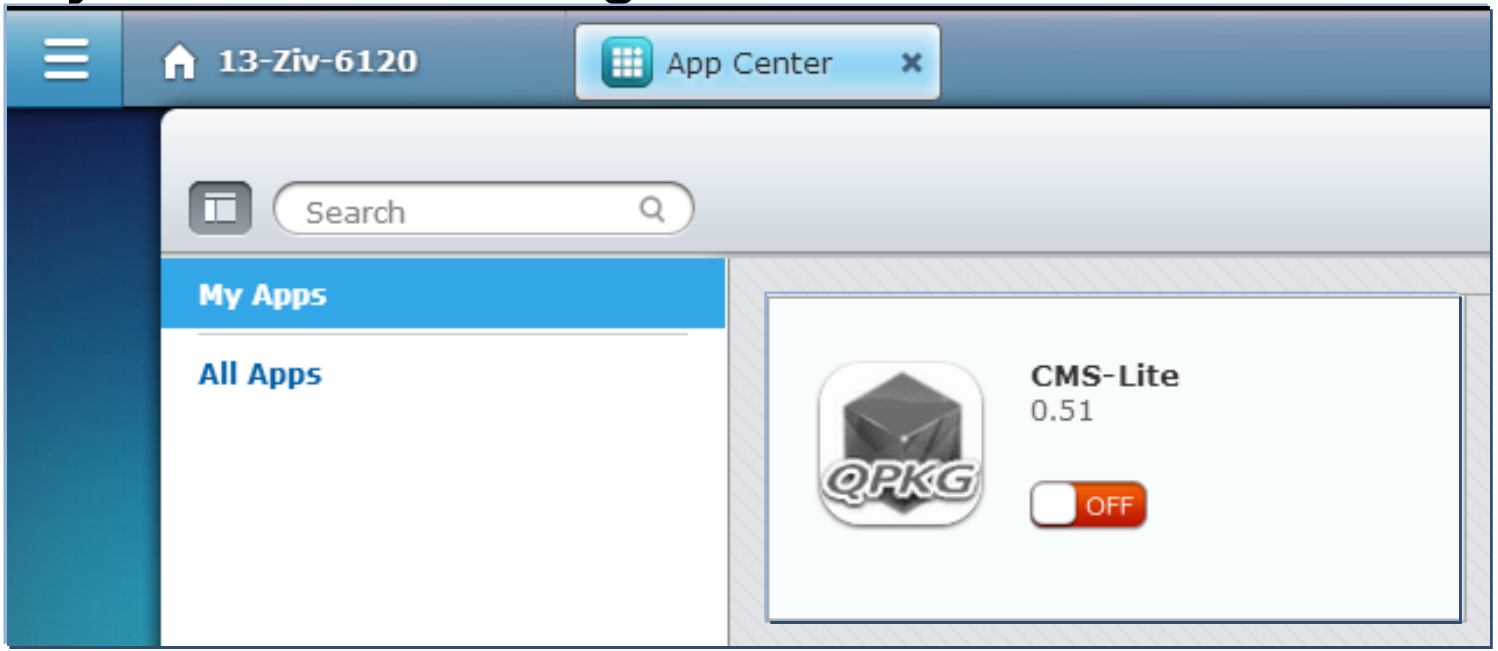
QPKG Installation

- Or “Install the QPKG Manually”



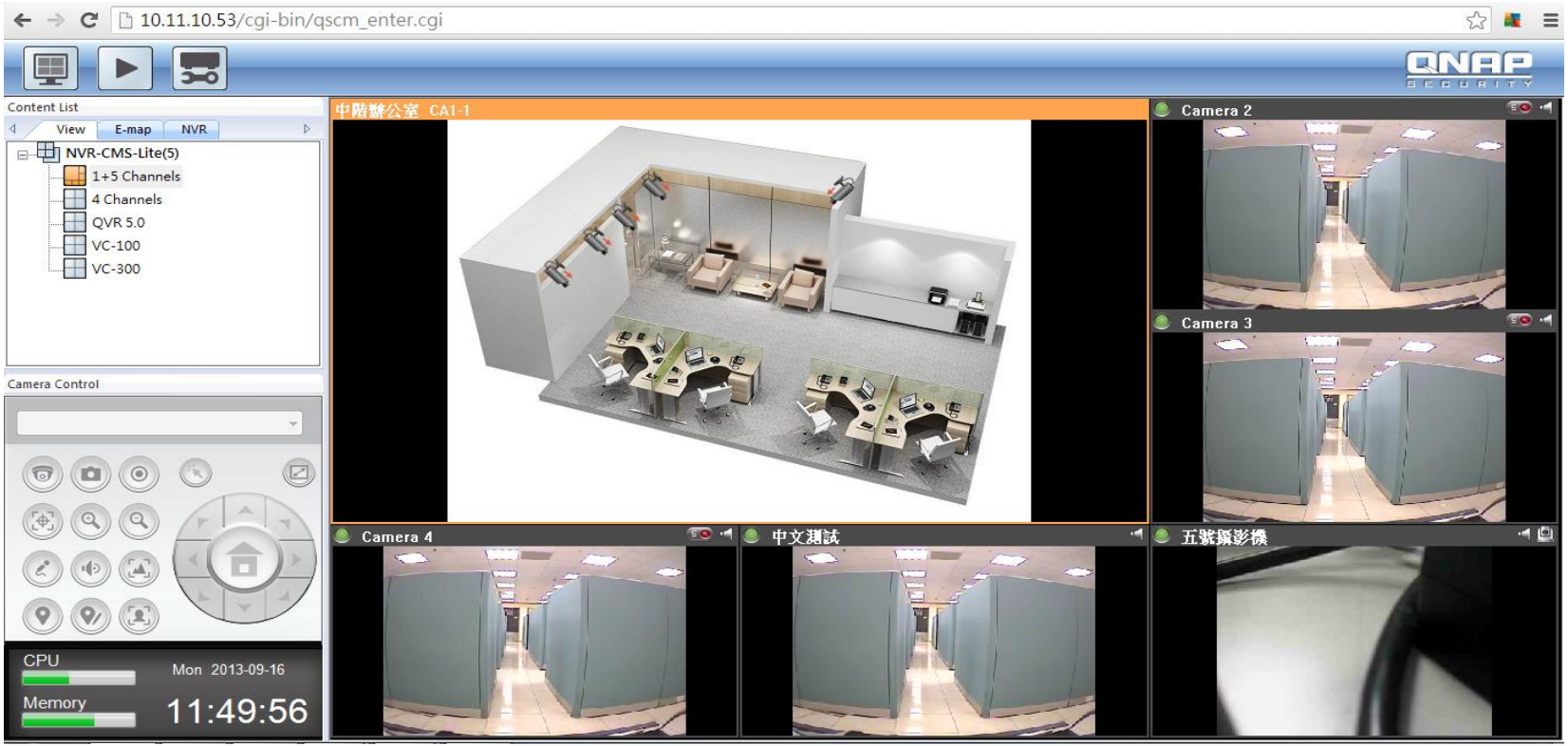
No System Burden

- Turn if off when you are afraid it affects the system, or no longer need it.



Web-Browser Based

- QSCM on QVR 5.0 (**Chrome**)



QSCM Product Segment

Comparing Items	Local Display	Multi-Server View (Free VMS)	QSCM Lite* (App/QPKG)	QSCM (CMS)
Number of NVRs supported	1	30	**16**	128
Number of channel supported	64	128	**256**	1,024
Number of monitors supported	1	2	**2**	8
Concurrent user connections	1	32	**32**	Unlimited
Key Feature	Flexibility of Deployment	Remote Monitoring	**Multi-Server Enhancement**	Centralized Monitoring and Management

*Available in 2014 Jan.

Thank you!

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