

**QNAP**

# QVR Center

Monitoring & Managing all QVR Pro



# How to manage a big project site?

When your project site is installed with multiple QVR Pro, having hundreds of thousands of cameras, how can the security guard...

notice and deal with situations in time?

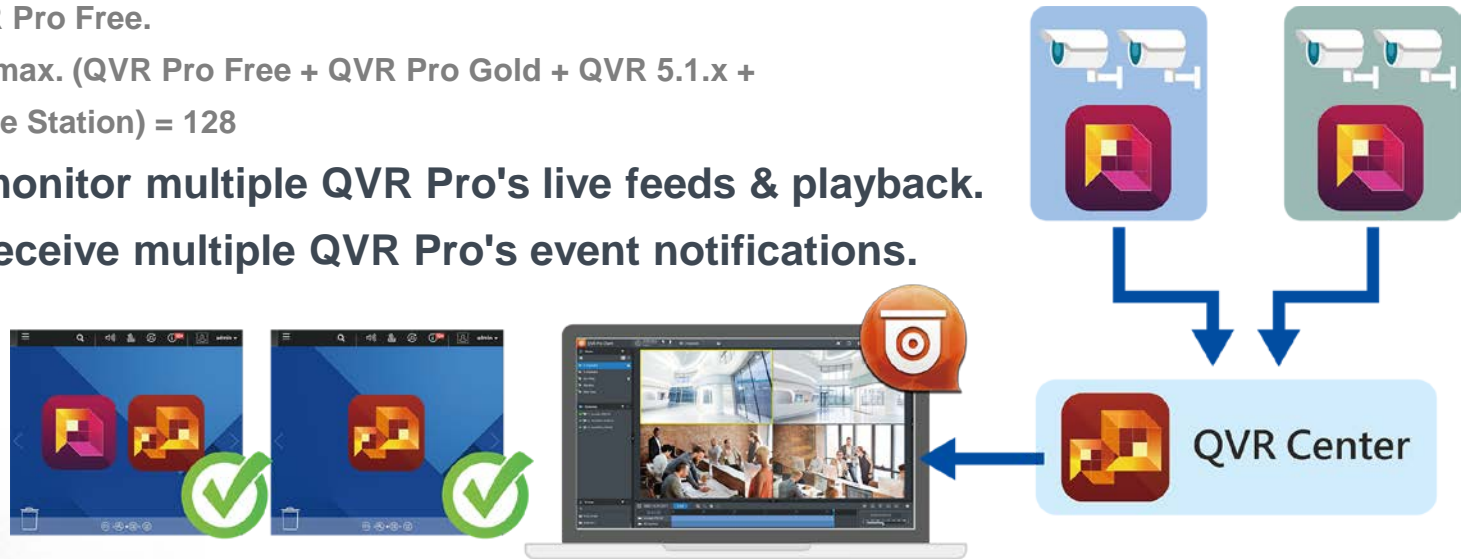
quickly know the servers' status?

pay attention to the most important video feeds efficiently?



# QVR Center

- **Centrally manage up to 128 servers**
  - QVR Center 1.1.0 provides downward compatibility for QVR 5.1.x & Surveillance Station \*.
  - Max. 2 QVR Pro Free.
  - Combined max. (QVR Pro Free + QVR Pro Gold + QVR 5.1.x + Surveillance Station) = 128
- **Centrally monitor multiple QVR Pro's live feeds & playback.**
- **Centrally receive multiple QVR Pro's event notifications.**



\* Not all functions are supported.



# Distributed infrastructure that can be centrally managed

- Build independent video surveillance systems and manage all of them collectively
- Add QVR Pro via LAN IPs, WAN IPs or domain names.



The QNAP logo is located in the top left corner of the image. It consists of the letters 'QNAP' in a bold, white, sans-serif font. The background of the entire image is a blurred view of a security monitoring room with multiple computer monitors displaying various camera feeds. The room is dimly lit, with the primary light source being the screens themselves. The monitors in the foreground are more in focus than those in the background, showing a grid of video feeds. The overall atmosphere is professional and technical.

**QNAP**

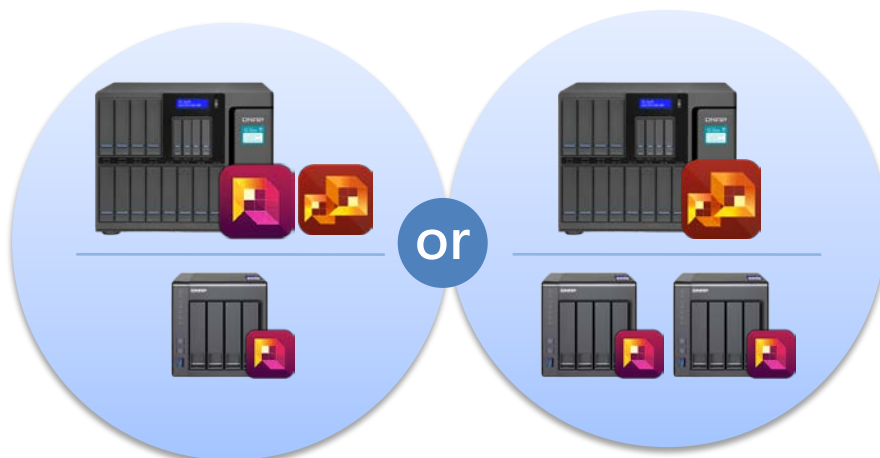
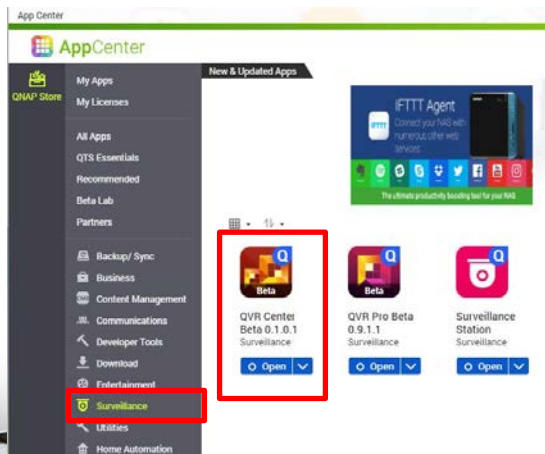
# **QVR Center**

---

**How to start using QVR Center**

# Install QVR Center

- QVR Center can be installed on the same NAS as QVR Pro installation, or a different one.
- Go to QTS > App Center > Surveillance, and install QVR Center.



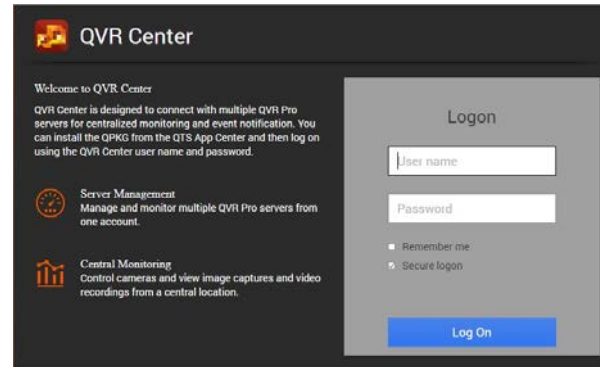
# Log into QVR Center

- QVR Center has its own login page.

## How to log in:

- QTS Desktop > QVR Center
- Direct input of URL in web browsers

( [https://\(IP address of NAS\)/qvrcenter/](https://(IP address of NAS)/qvrcenter/) )



- QVR Center owns its user accounts (independent from QTS). (default: admin/admin)
- Other username/password need to be created by the admin.
- QVR Center can only be accessed via secure connections (https).



# User role and privilege settings

When adding QVR Center users, you can assign a user with a role to quickly and easily set up privileges.



Administrator



New Role



Supervisor



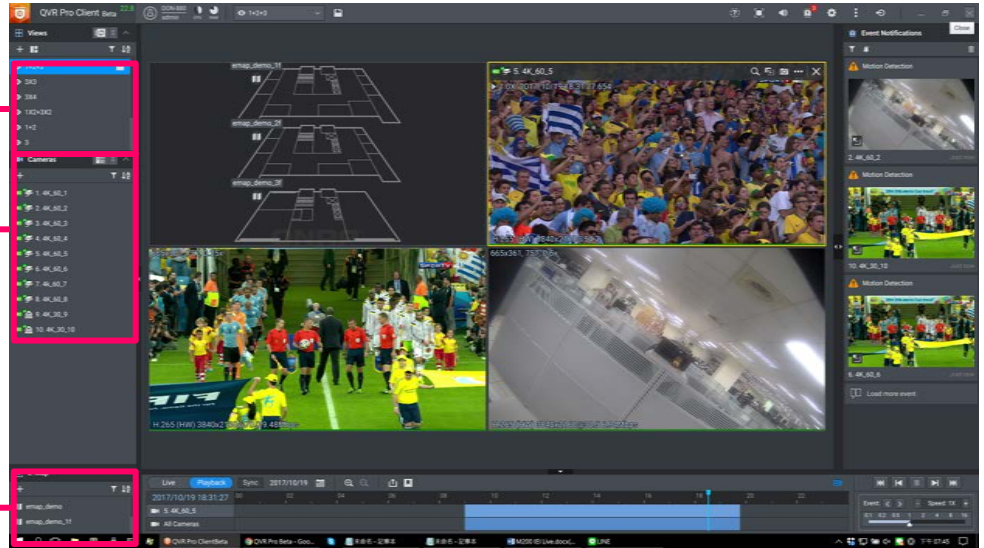
Viewer





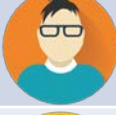



# Role and privilege settings

- Controls whether the following privileges are granted
  - System management privilege
  - View layout privilege
  - View camera privilege
  - View E-map privilege
- System default role:
  - Administrator
  - Supervisor
  - Viewer



# Detailed Role Privilege Settings

	System Management Privilege	Camera Privilege	E-map Privilege	View Privilege
Administrator 	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Supervisor 	X	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Viewer 	X	<input type="radio"/>	X	<input type="radio"/>
New Role 	Customizable	Customizable	Customizable	Customizable



# Web interface after logging in

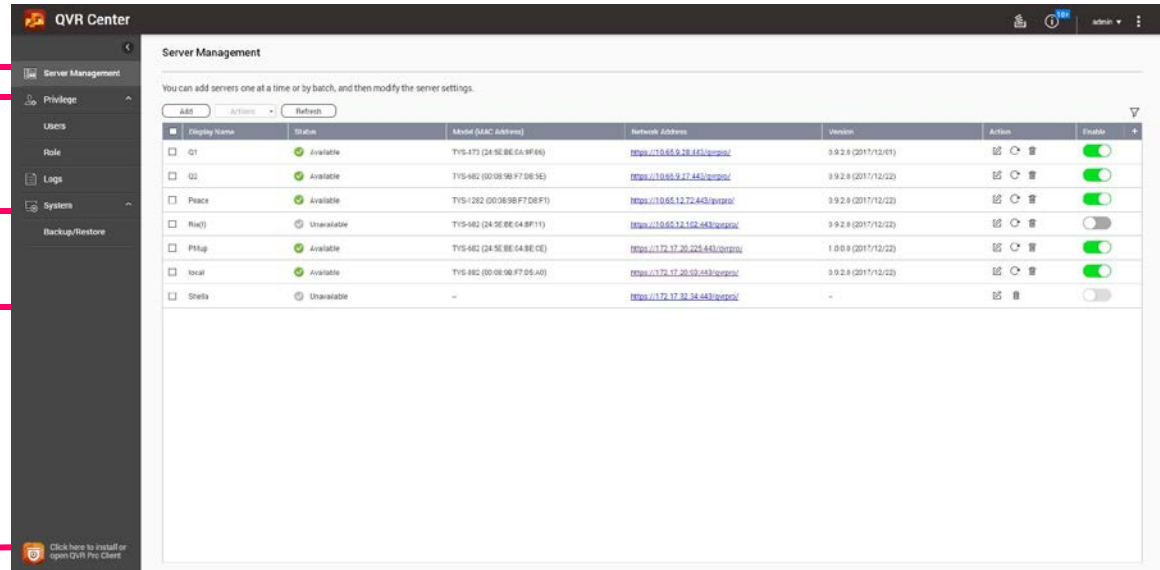
Server Management

Privilege

Logs

Backup/Restore

Open QVR Pro Client

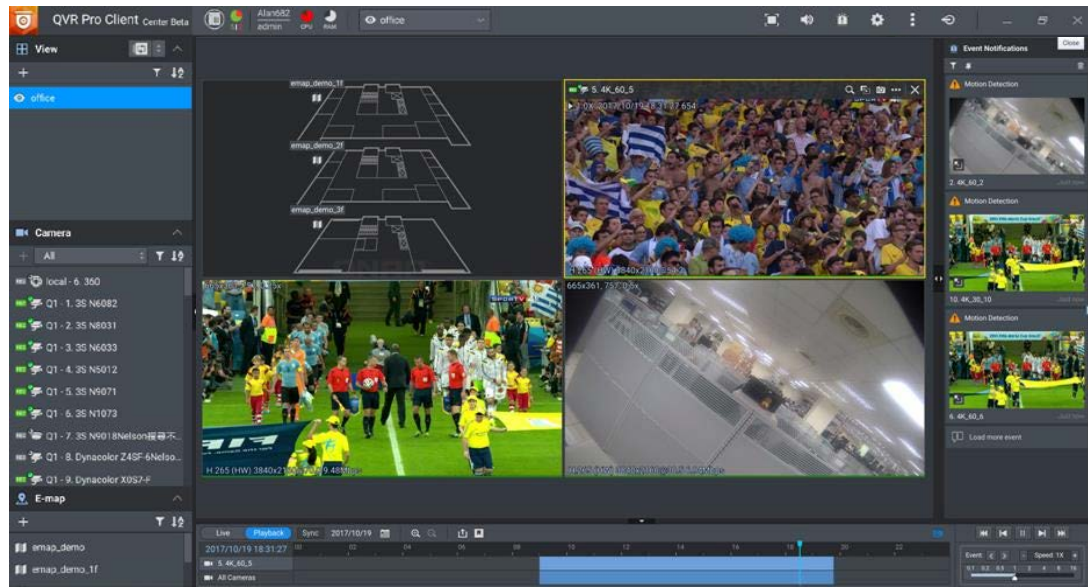
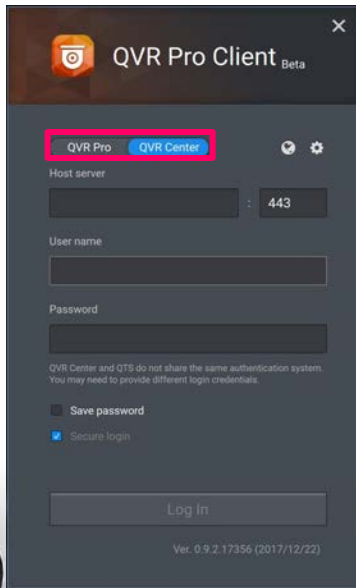


The screenshot displays the QVR Center web interface. The sidebar on the left contains navigation options: Server Management, Privilege, Users, Role, Logs, Systems, and Backup/Restore. The main content area is titled "Server Management" and contains a table of server information. The table has columns for Display Name, Status, Model (MAC Address), Network Address, Version, Action, and Enable. The data in the table is as follows:

Display Name	Status	Model (MAC Address)	Network Address	Version	Action	Enable
Q1	Available	TVS-473 (24 9E BE CA 8F 66)	<a href="https://10.65.9.28:443/qvrpro/">https://10.65.9.28:443/qvrpro/</a>	9.9.2.8 (2017/12/11)	⊞ ⊞ ⊞	<input checked="" type="checkbox"/>
Q2	Available	TVS-462 (00 08 9B F7 D8 3E)	<a href="https://10.65.9.17:443/qvrpro/">https://10.65.9.17:443/qvrpro/</a>	9.9.2.8 (2017/12/22)	⊞ ⊞ ⊞	<input checked="" type="checkbox"/>
Peace	Available	TVS-1282 (00 06 9B F7 D8 F1)	<a href="https://10.65.12.72:443/qvrpro/">https://10.65.12.72:443/qvrpro/</a>	9.9.2.8 (2017/12/22)	⊞ ⊞ ⊞	<input checked="" type="checkbox"/>
Ricci	Unavailable	TVS-462 (24 9E BE CA 8F 11)	<a href="https://10.65.11.102:443/qvrpro/">https://10.65.11.102:443/qvrpro/</a>	9.9.2.8 (2017/12/22)	⊞ ⊞ ⊞	<input type="checkbox"/>
Philip	Available	TVS-462 (24 9E BE CA 8E CE)	<a href="https://172.17.20.225:443/qvrpro/">https://172.17.20.225:443/qvrpro/</a>	1.0.0.8 (2017/12/22)	⊞ ⊞ ⊞	<input checked="" type="checkbox"/>
Isaac	Available	TVS-462 (00 08 9B F7 D8 A0)	<a href="https://172.17.20.103:443/qvrpro/">https://172.17.20.103:443/qvrpro/</a>	9.9.2.8 (2017/12/22)	⊞ ⊞ ⊞	<input checked="" type="checkbox"/>
Shella	Unavailable	-	<a href="https://172.17.32.34:443/qvrpro/">https://172.17.32.34:443/qvrpro/</a>	-	⊞ ⊞	<input type="checkbox"/>

# QVR Pro Client UI after logged in

- QVR Center & QVR Pro shares the same QVR Pro Client.
- Quickly pick it up in no time





The QNAP logo is positioned in the top left corner of the image. It consists of the letters 'QNAP' in a bold, white, sans-serif font. The background of the entire image is a blue-tinted photograph of a security camera mounted on a building's exterior. The camera is white and mounted on a black bracket. The building's facade is made of dark panels. Overlaid on the image are various digital graphics, including a world map, circuit-like patterns, and glowing square highlights. In the top left, there are several small, semi-transparent panels containing technical diagrams and data visualizations. A large, glowing globe is visible in the bottom left corner. The overall aesthetic is high-tech and futuristic.

# QVR Center

---

Functions at a Glance

# QVR Center Server functions

---



Manage servers in batches



Privilege Management



Log Server



Customizable surveillance event dashboard

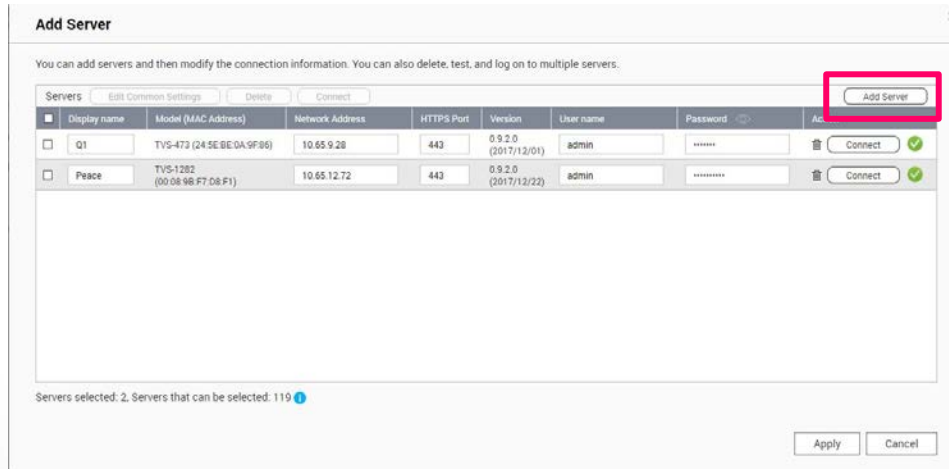


Downward compatible with QVR 5.1.x & Surveillance Station



# Batch Add Servers

- Batch add and connect to multiple servers.
- Speed up the process of adding servers.
- Assign an display name that suits this server from the centrally monitoring view, for easier management.



**Add Server**

You can add servers and then modify the connection information. You can also delete, test, and log on to multiple servers.

Servers

Display name	Model (MAC Address)	Network Address	HTTPS Port	Version	User name	Password	Action
<input type="checkbox"/> Q1	TVS-473 (24:5E:0A:9F:86)	10.65.9.28	443	0.9.2.0 (2017/12/01)	admin	*****	<input type="button" value="Connect"/> <input checked="" type="checkbox"/>
<input type="checkbox"/> Peace	TVS-1282 (00:08:96:F7:D8:F1)	10.65.12.72	443	0.9.2.0 (2017/12/22)	admin	*****	<input type="button" value="Connect"/> <input checked="" type="checkbox"/>

Servers selected: 2. Servers that can be selected: 119

# Server Overview

- **Status:**



Available



Updating...



Unavailable



Checking...

- **Shows reasons for unavailability for troubleshooting.**

- Unable to connect to QTS
- QVR Pro not detected
- QVR Pro not activated
- Incorrect username/password
- No license
- Incorrect QVR Pro version

The screenshot shows the QVR Center interface. On the left is a sidebar with navigation options: Server Management, Privilege, Users, Role, Logs, System, and Backup/Restore. The main area is titled 'Server Management' and contains a table of servers. A red box highlights the 'Status' column, showing that 'Ria()' and 'Shella' are 'Unavailable', while others are 'Available'. Below the table, there is a link to install or open the QVR Pro Client.

Server Name	Status	Model (MAC Address)	Network Address
<input type="checkbox"/> Q1	Available	TVS-473 (24 5E BE 0A 9F B6)	<a href="https://10.65.9.28.443/qvrpro/">https://10.65.9.28.443/qvrpro/</a>
<input type="checkbox"/> Q2	Available	TVS-682 (00 08 9B F7 D8 5E)	<a href="https://10.65.9.27.443/qvrpro/">https://10.65.9.27.443/qvrpro/</a>
<input type="checkbox"/> Peace	Available	TVS-1282 (00 08 9B F7 D8 F1)	<a href="https://10.65.12.72.443/qvrpro/">https://10.65.12.72.443/qvrpro/</a>
<input type="checkbox"/> Ria()	Unavailable	TVS-682 (24 5E BE 04 BF 11)	<a href="https://10.65.12.102.443/qvrpro/">https://10.65.12.102.443/qvrpro/</a>
<input type="checkbox"/> Phip	Available	TVS-682 (24 5E BE 04 BE CE)	<a href="https://172.17.20.219.443/qvrpro/">https://172.17.20.219.443/qvrpro/</a>
<input type="checkbox"/> local	Available	TVS-682 (00 08 9B F7 D5 AD)	<a href="https://172.17.20.93.443/qvrpro/">https://172.17.20.93.443/qvrpro/</a>
<input type="checkbox"/> Shella	Unavailable	-	<a href="https://172.17.32.34.443/qvrpro/">https://172.17.32.34.443/qvrpro/</a>





# Managing servers in batches

- Batch edit, stop, activate, update and delete QVR Pro.
- Save time for updating multiple QVR Pro.



### Update QVR Pro

Name : Q1 , Q2.

Select an update method.

Online update: You are using the latest available version.

Manual update: Locate the QVR Pro update file.

# Log server – Centralized log keeping

Log server: Centrally store and show logs from all QVR Pro, and QVR Center's own logs.



# Backup / restore QVR Center Settings

Backup / restore QVR Center settings to protect settings you made and managed centrally.

- Server management
- Privilege management
- View (QVR Center)
- E-map (QVR Center)



## QVR Center Backup

Click **Back Up** to download the QVR Center backup file, which includes the settings in Server Management, Privileges, E-maps, and Views.

**Back Up**



## Restore QVR Center Settings

Click **Browse** to upload a QVR Center backup file and then click **Restore** to restore the settings.

**Browse...**

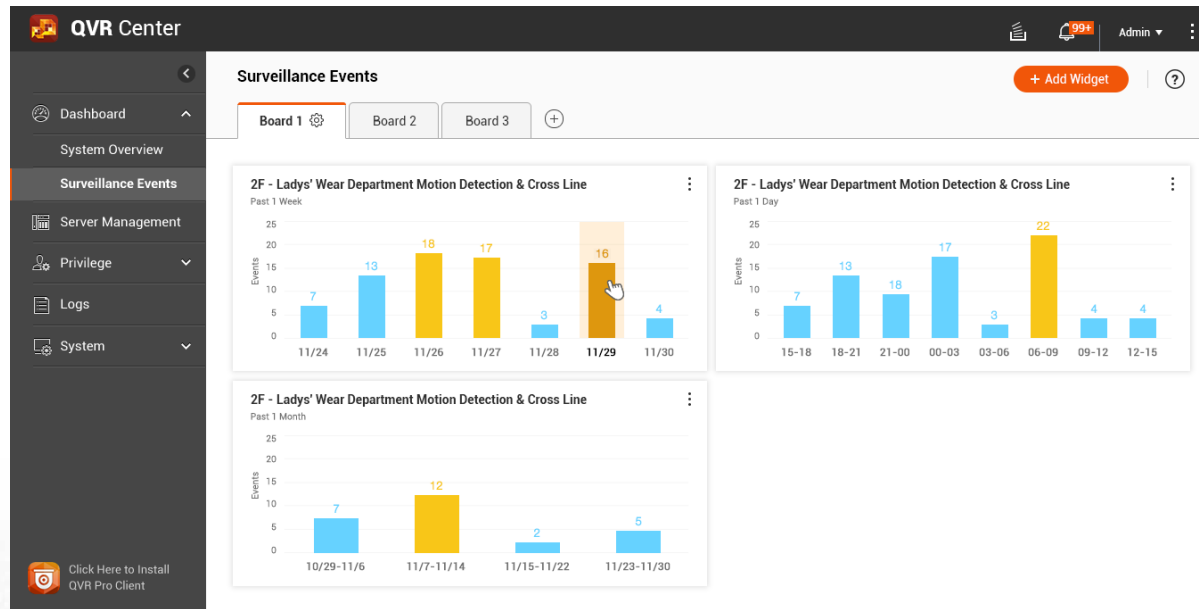
**Restore**



# Customizable surveillance event dashboard

On QVR Center 1.0.0

Help managers analyze peak hours of their businesses, and adjust manpower allocations, based on the event triggering frequencies.

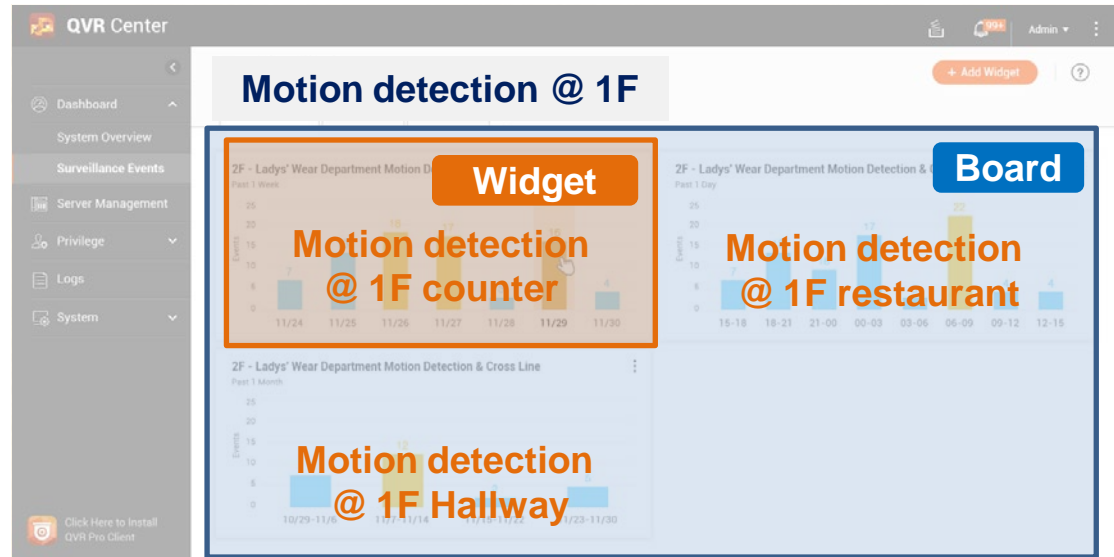




# Customizable surveillance event dashboard

On QVR Center 1.0.0

- Group relevant widgets into a board, for easier investigation.
- Widget's data source:
  - View
  - E-map
- Widget's event type:
  - Motion detection
  - Digital input
  - Camera IVA
  - Connection
  - and more...



# Downward compatible with QVR 5.1 & Surveillance S.

On QVR Center 1.1.0

In your existing projects, you can use QVR Center to simultaneously manage and monitor video feeds from QVR Pro, QVR 5.1.x, and Surveillance Station\*.



\* Not all functions are supported.

QNAP

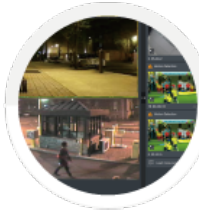
**QNAP**

# QVR Pro Client

for QVR Center



# QVR Center Client functions



## Centrally monitor feeds

- Cross-server View & E-map
- Links to connect multiple E-maps



## Centrally receive events

- Receive event notifications from all servers
- Playback the event video



## Server status overview

- Connection status between QVR Center & QVR Pro





# QVR Pro Client

- When logging in from QVR Pro Client, choose to log in to QVR Pro or QVR Center.
- QVR Center & QVR Pro shares the same QVR Pro Client.
- Easily pick it up in no time

QVR Pro Client Beta

QVR Pro QVR Center

Host server  
10.65.9.35 : 8080

User name  
admin

Password  
\*\*\*\*\*

Save password  
 Secure login

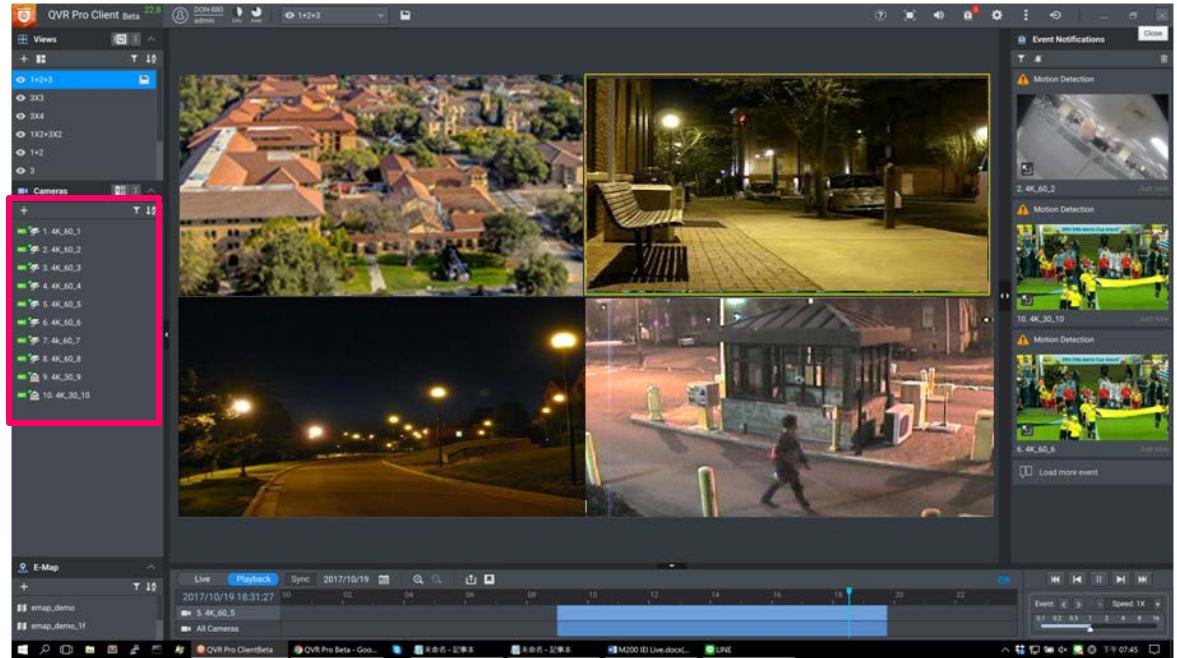
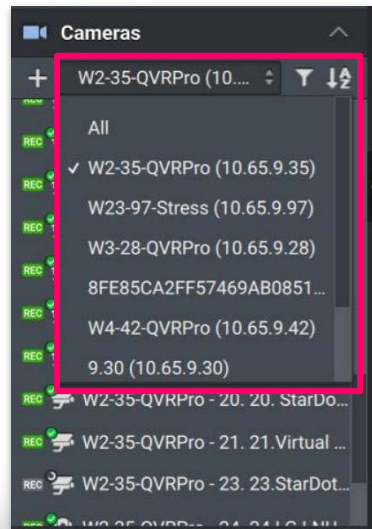
Login

Ver. 0.9.1.17291 (2017/10/18)



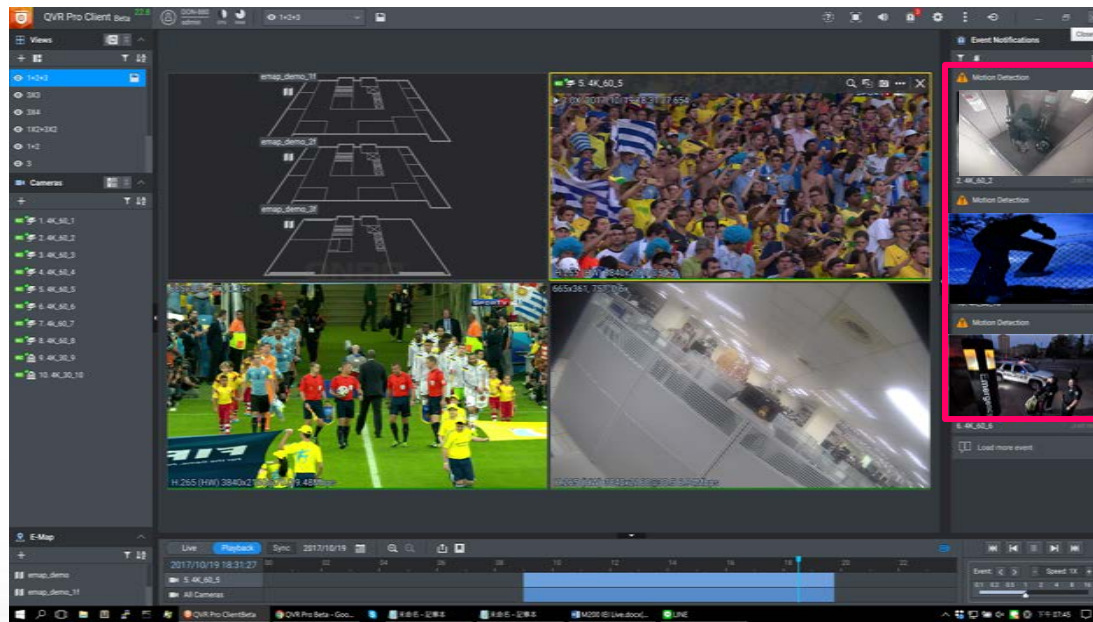
# Cross-server feed monitoring

## Create cross-server View & E-map in QVR Center



# Cross-server receive events

Even without showing the camera feed, its events will still be shown in the event column upon event detection.



Event  
Notification

# Centrally receive & monitor events

Click on the event notification to playback the event video



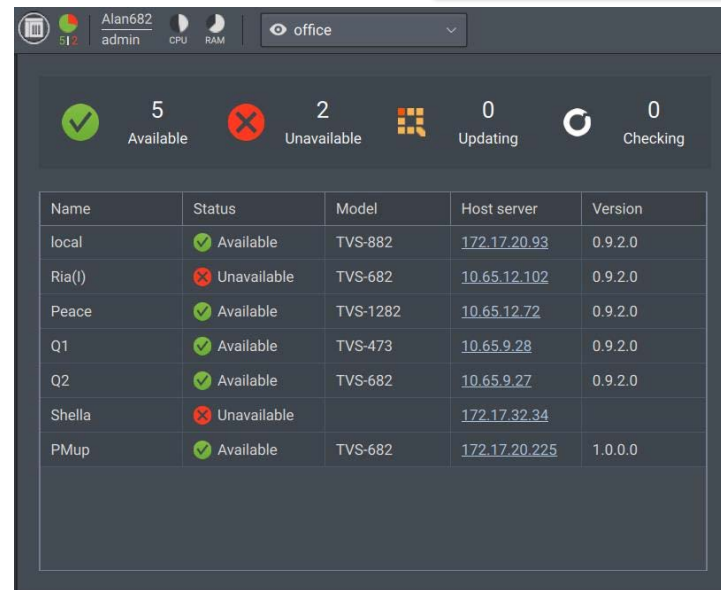
Event  
playback



# Server status overview

On QVR Center 1.0.0

- In QVR Pro Client, shows the connection status between QVR Center & each server.
- When video feeds are unavailable, it is easier this way to determine root causes.



Name	Status	Model	Host server	Version
local	Available	TVS-882	<a href="#">172.17.20.93</a>	0.9.2.0
Ria(l)	Unavailable	TVS-682	<a href="#">10.65.12.102</a>	0.9.2.0
Peace	Available	TVS-1282	<a href="#">10.65.12.72</a>	0.9.2.0
Q1	Available	TVS-473	<a href="#">10.65.9.28</a>	0.9.2.0
Q2	Available	TVS-682	<a href="#">10.65.9.27</a>	0.9.2.0
Shella	Unavailable		<a href="#">172.17.32.34</a>	
PMup	Available	TVS-682	<a href="#">172.17.20.225</a>	1.0.0.0





**QNAP**

Live Demo



**QNAP**

Thank you

