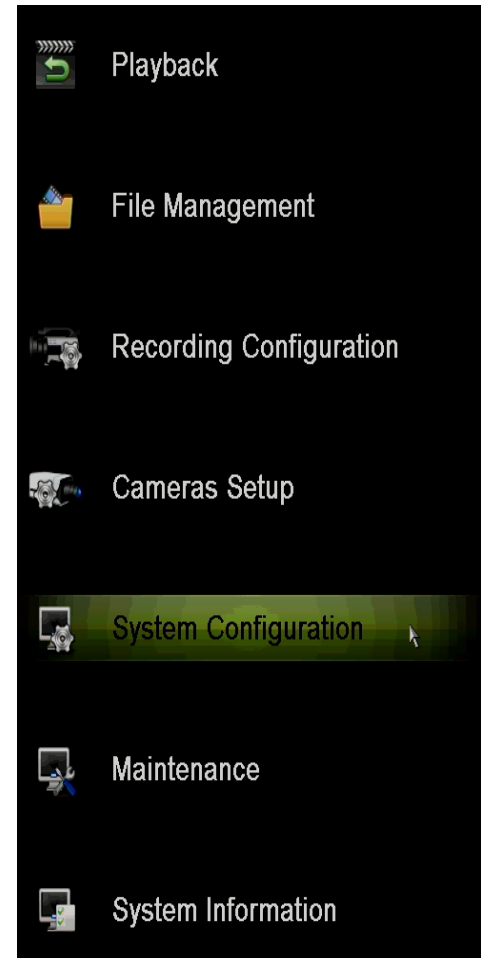# How to Setup P2P Sevivce

- **P2P – Peer to Peer** is a communication protocol used between electronic devices where either device can initiate the communication path.

- **P2P** does **NOT** require users to forward the HTTP, server and RTSP ports

- **P2P service,** requires the NVR or DVR network settings to be configured with a correct IP address, subnet mask, default gateway and DNS server.

NOTE: Please see the quick start guide on how to set the NVR or DVR network settings.
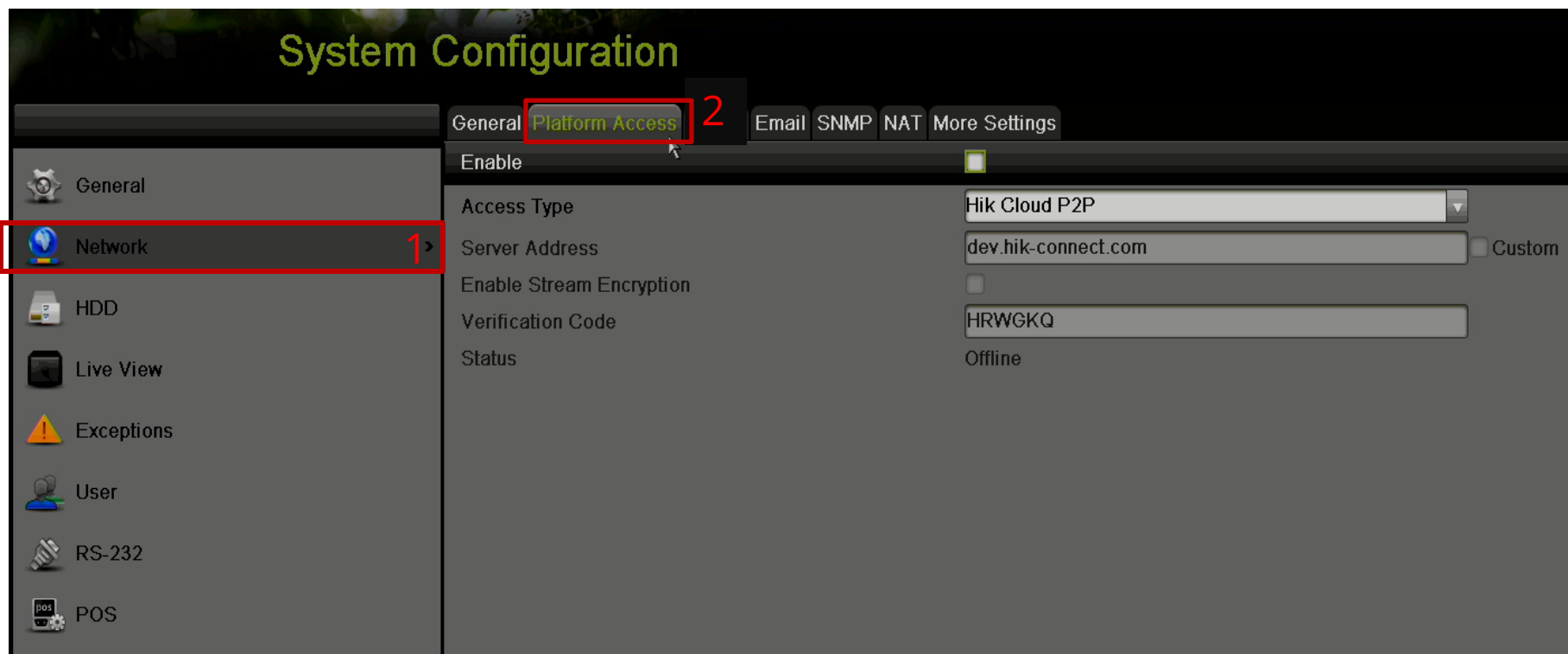
How to Setup P2P Service

- Using the console of the NVR or DVR, select System Configuration from the Main Menu.

- The system configuration menu is where to set the date and time, configure the network setting, change port numbers, enable P2P service, setup email, users accounts and more.

Playback

File Management

Recording Configuration

Cameras Setup

System Configuration

Maintenance

System Information

How to Setup P2P Service

- Select the Network Menu[1] from the left, click on the Platform Access tab[2] along the top.

How to Setup P2P Sevivce

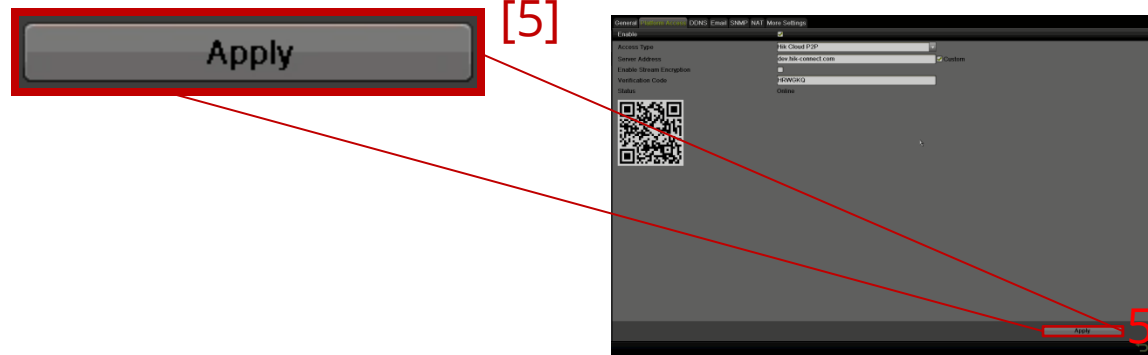- Enable the P2P Service by placing a check in the Enable checkbox.[3].

Enable	✓	3
Access Type	Hik Cloud P2P ▼	
Server Address	dev.hik-connect.com ✓ Custom	4
Enable Stream Encryption	☐	

How to Setup P2P Sevivce

- Click the Apply Button in lower right corner. [5]

- With the correct network settings, the Status will change to Online. [6]

How to Setup P2P Sevivce

- You will use the Verification Code[7] to register the NVR or DVR to your account using the Guarding Vision mobile app.

- The QR Code[8] can also be used with the Guarding Vision mobile app to add the NVR or DVR to the mobile device.

Troubleshooting Hik-Connect P2P Sevivce

- The NVR or DVR may require a public DNS server. Searching the internet for public DNS servers will be the best way to find one. For example, these addresses are public DNS servers: 8.8.8.8 or 4.2.2.2 or 75.75.75.75

- When using the P2P service on the Guarding Vision-app, the Cloud P2P option must be used.

- P2P service requires an account. You can create an account using the Guarding Vision mobile phone app.

Note: Please refer to the user's manual for how to add device to the phone. A "how to" basic training guide is also available for reference.