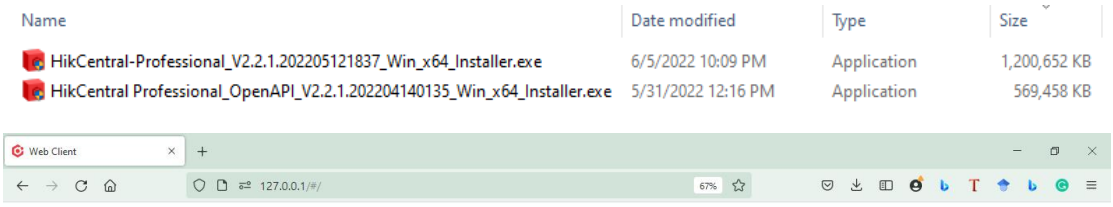
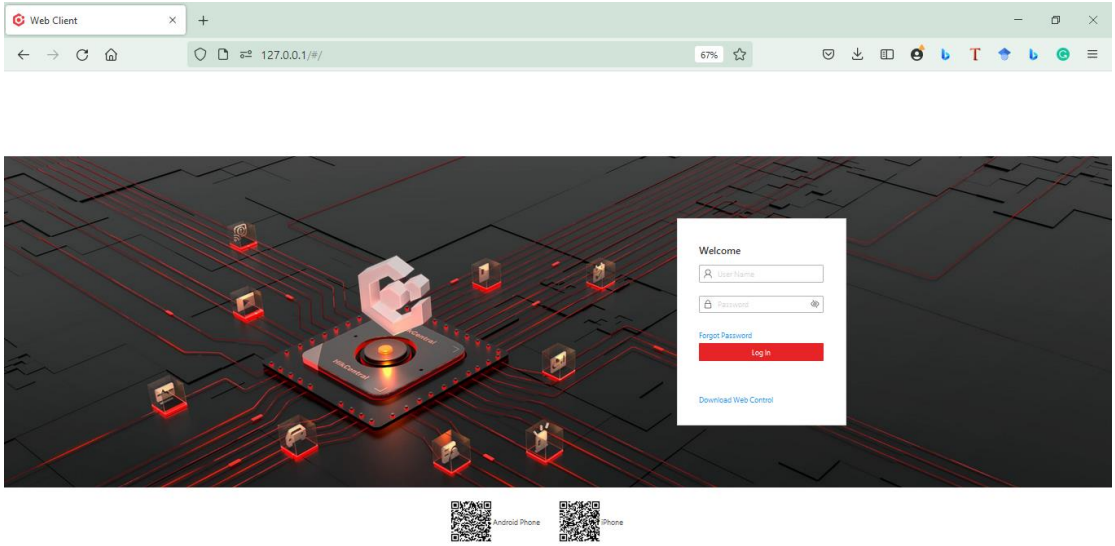
How to install and Configure Open API

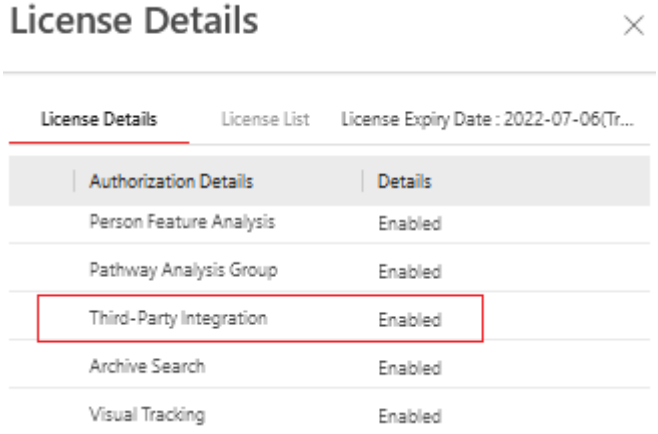
OpenAPI Installation

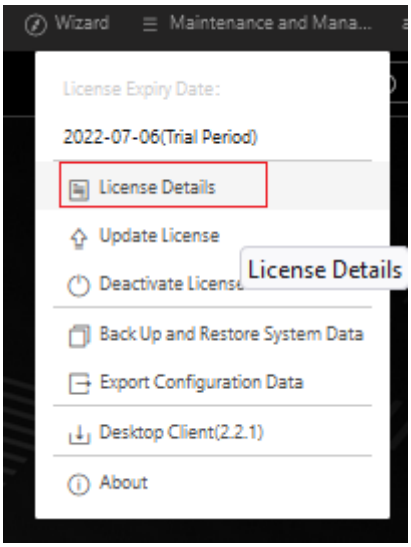
1. The prerequisite for using OpenAPI is to install HCP, and the HCP version must be at least 1.5.
2. OpenAPI is only available for HCP 1.5 and above, and it is called OpenSDK below 1.5 , with different architectures and different protocols.



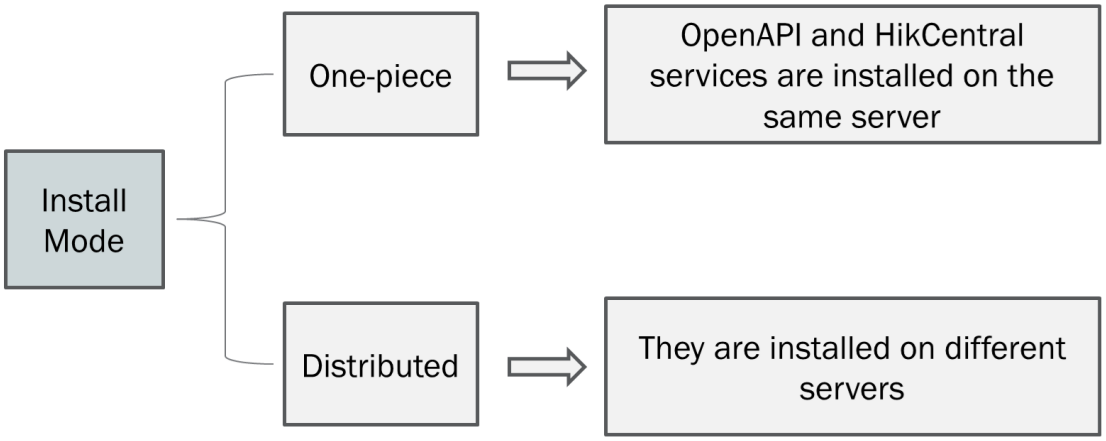


3. Before installing OpenAPI, make sure that "Third-Party Integration" in the license item of HCP has been enabled. That is, the applied license must include the three-party integration function.





4. OpenAPI has two installation methods: One-piece installation and distributed installation.
5. If you install to a different computer, you need to configure it on the watchdog



6. In the case of distributed installation, the HCP watchdog software (Service Manager) requires system information authentication.

Note; If it is installed on the same computer, this step is not required.

1.Log in to the HikCentral Professional via the Web Client, refer to *HikCentral Professional Web*

Client User Manual for details.

2. Click **System** → **Security** → **Service Component Certificate**

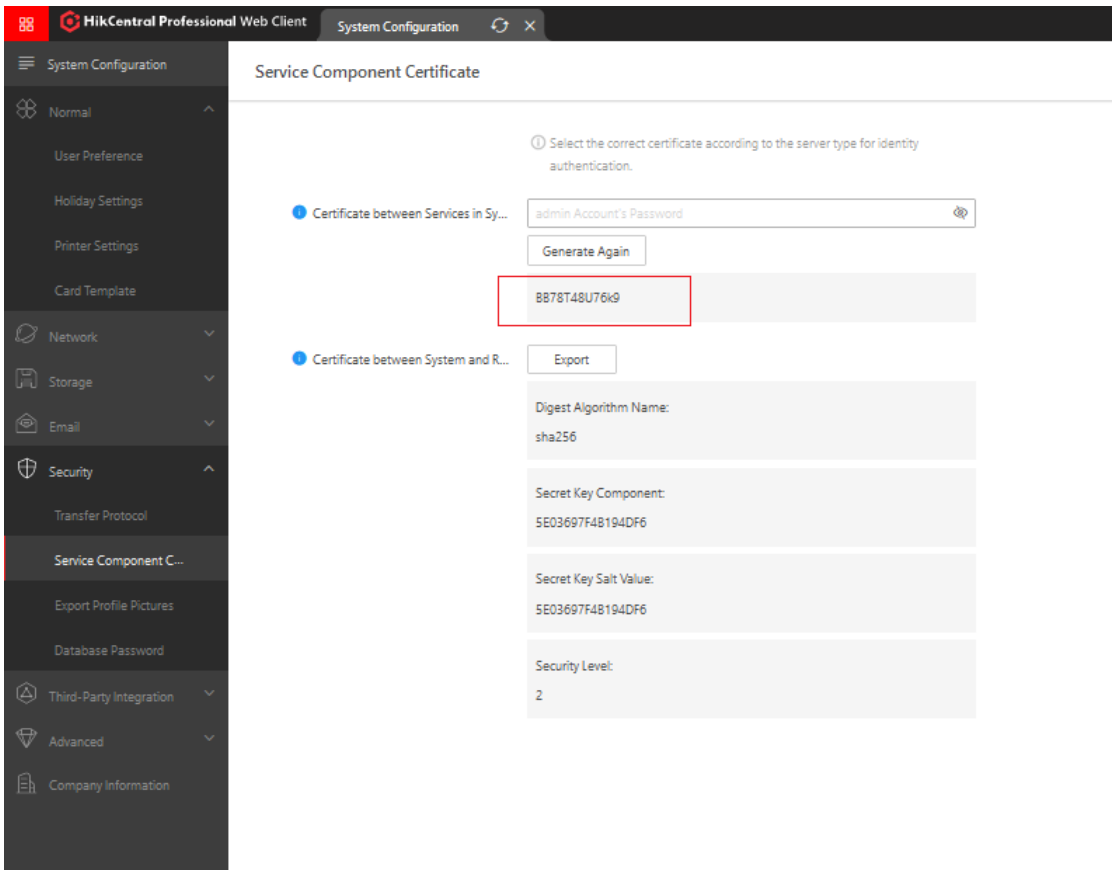
3. View and get the service **Certificate** information in the **Certificate between Services in System field.**

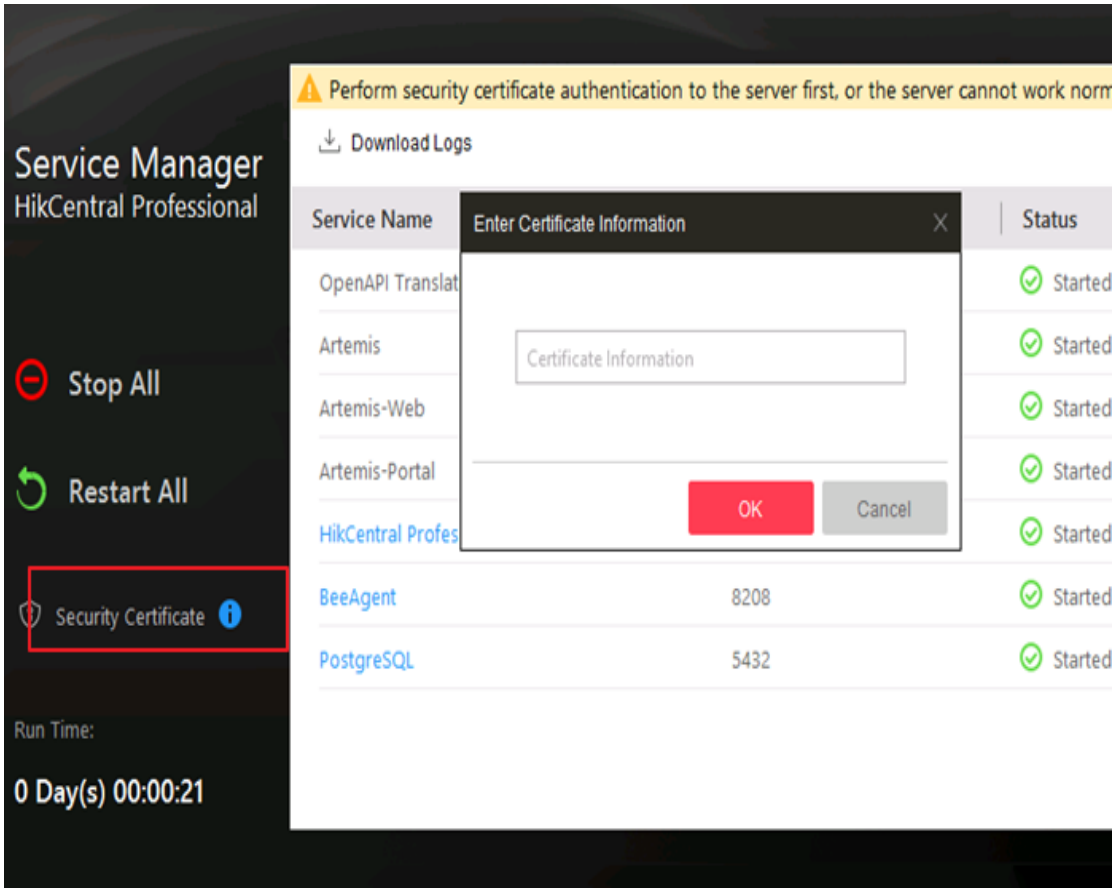
4. Run the Service Manager as an administrator.

5. Click **Security Certificate** to open Enter **Certificate** information dialog.

6. Enter the obtained service **Certificate** information in the dialog.

7. Click **OK**


HikCentral Professional Web Client
System Configuration
System Configuration
Normal
User Preference
Holiday Settings
Printer Settings
Card Template
Network
Storage
Email
Security
Transfer Protocol
Service Component C...
Export Profile Pictures
Database Password
Third-Party Integration
Advanced
Company Information
Service Component Certificate
Select the correct certificate according to the server type for identity authentication.
Certificate between Services in Sy...
admin Account's Password
Generate Again
8B78T48U76k9
Certificate between System and R...
Export
Digest Algorithm Name:
sha256
Secret Key Component:
5E03697F4B194DF6
Secret Key Salt Value:
5E03697F4B194DF6
Security Level:
2


Service Manager
HikCentral Professional
Stop All
Restart All
Security Certificate
Run Time:
0 Day(s) 00:00:21
Perform security certificate authentication to the server first, or the server cannot work norm
Download Logs
Service Name
Status
Enter Certificate Information
Certificate Information
OK
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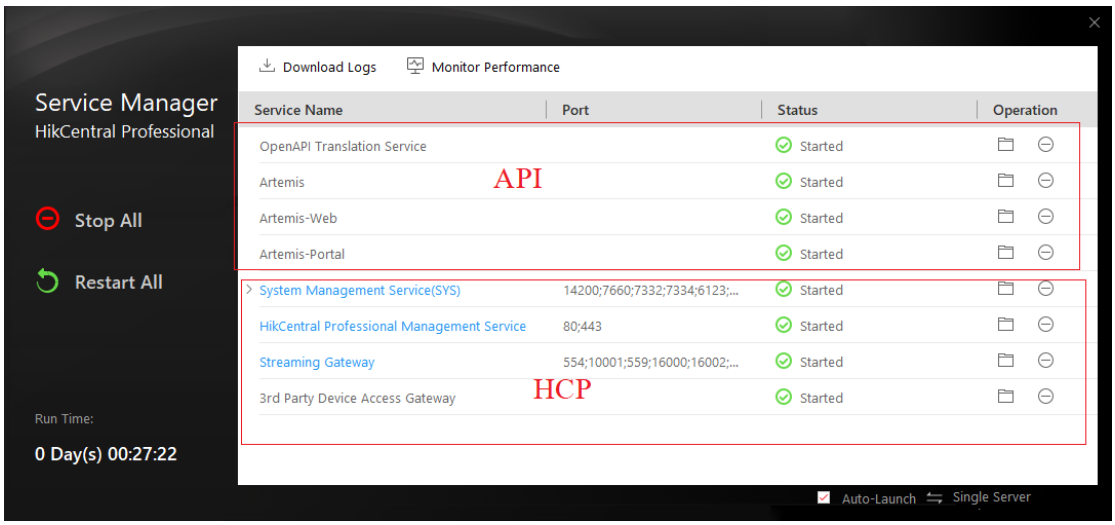
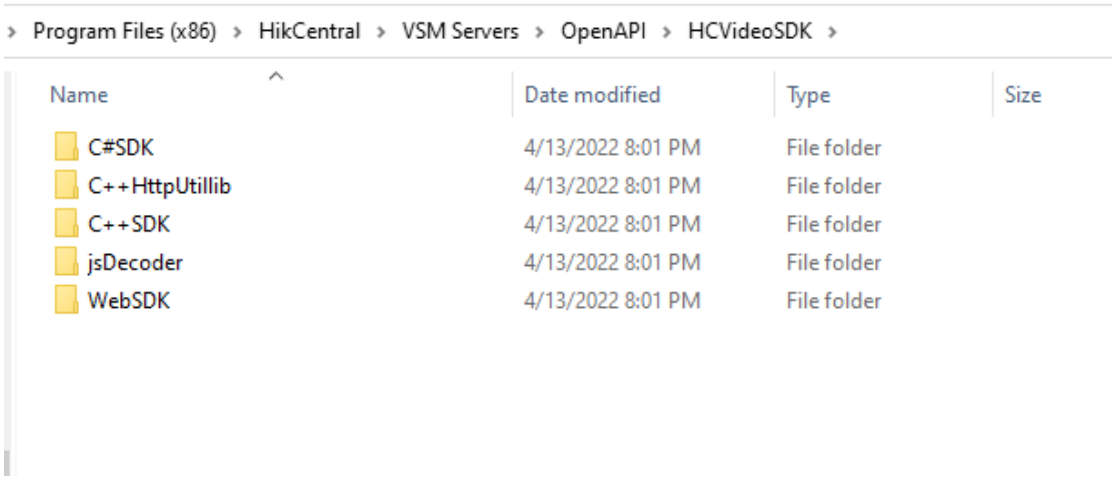
OpenAPI Translat
Artemis
Artemis-Web
Artemis-Portal
HikCentral Profes
BeeAgent
8208
PostgreSQL
5432
Started

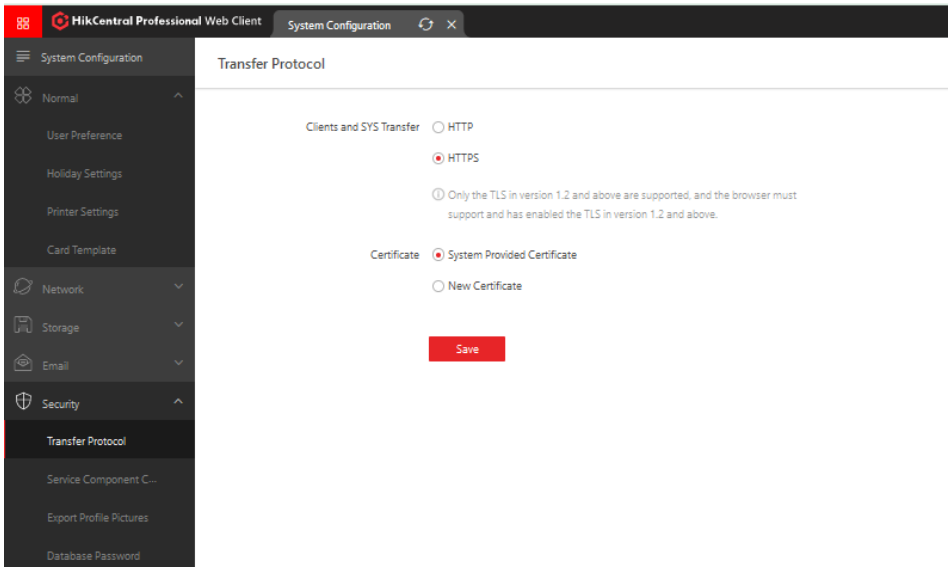


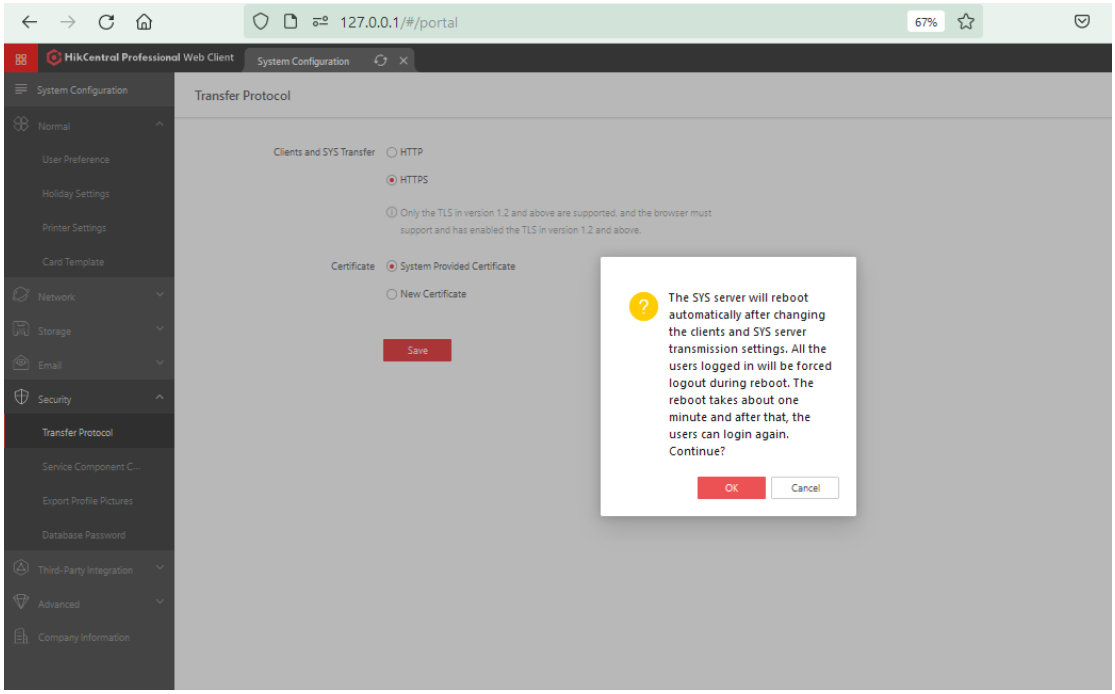
After OpenAPI is installed, you can see the demo of HCVideoSDK in the installation directory. There are 5 versions of the demo in total, and customers can choose reference according to their different development languages



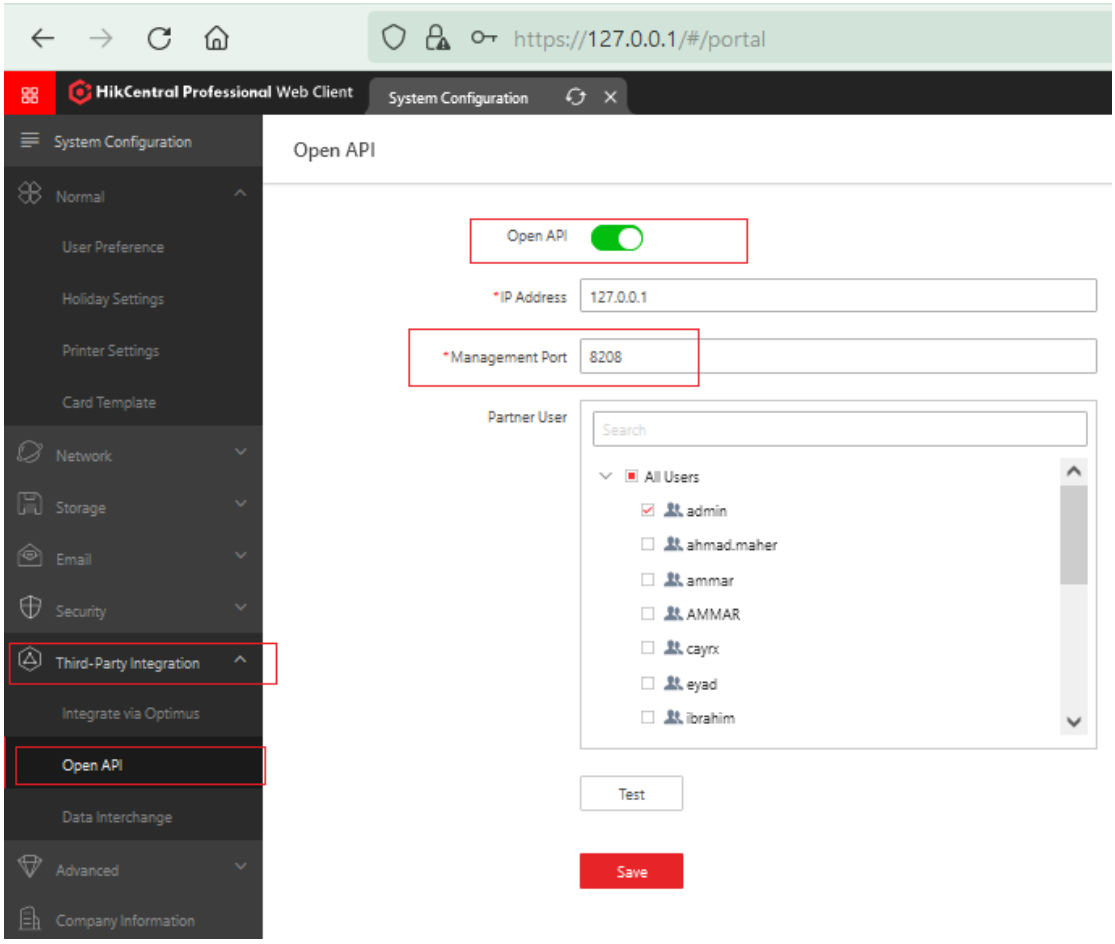
OpenAPI Configuration

1. OpenAPI protocol supports http protocol and https protocol, you can switch the protocol in HCP configuration page, System->Security->Transfer Protocol





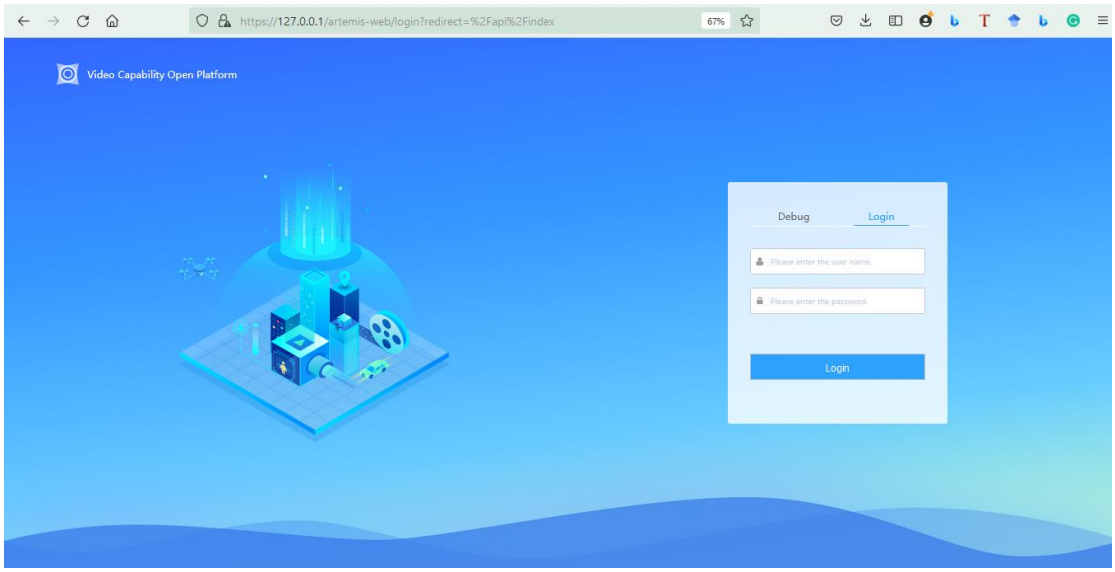
2. By default, OpenAPI is closed, we need to open it on HCP. On the HCP configuration page, System->Third Party Integration, turn on the Open API option, and configure the IP and port of OpenAPI. If HCP and OpenAPI are installed on the same computer, the IP is 127.0.0.1. If it is distributed installation, you need to fill in the actual service IP address. The default port is 8208. And you need to configure a user for OpenAPI

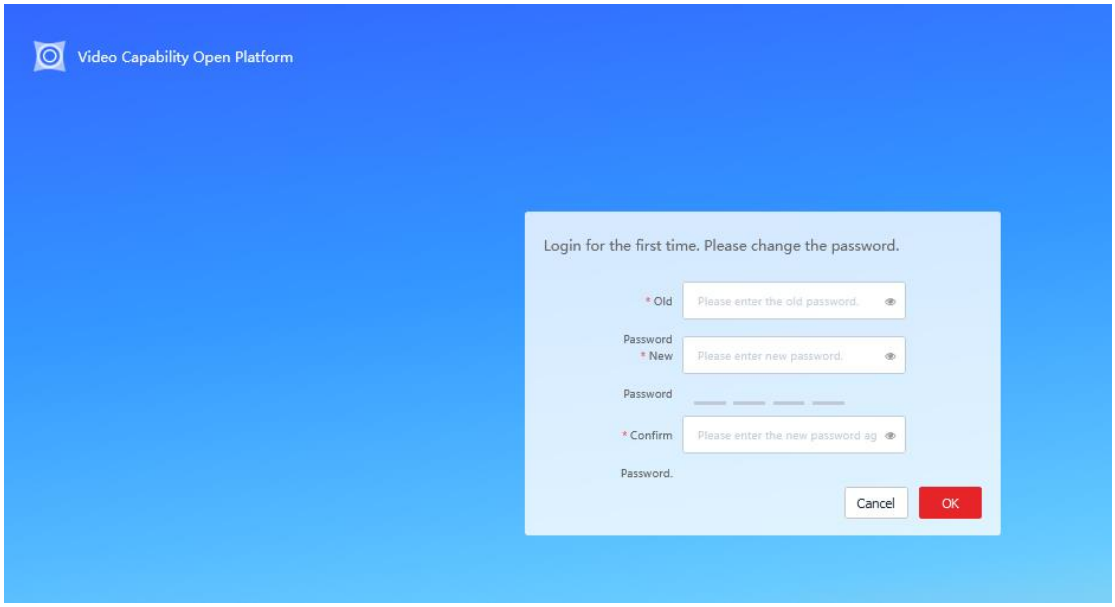


3. After installing HCP and OpenAPI, and after the above series of configurations, you can log in to the OpenAPI service through the web. The default password for the first login is admin@123, the first time you need to change the password. The IP is 127.0.0.1 if on the same computer, and the is the service IP address if you log in on the other computer。

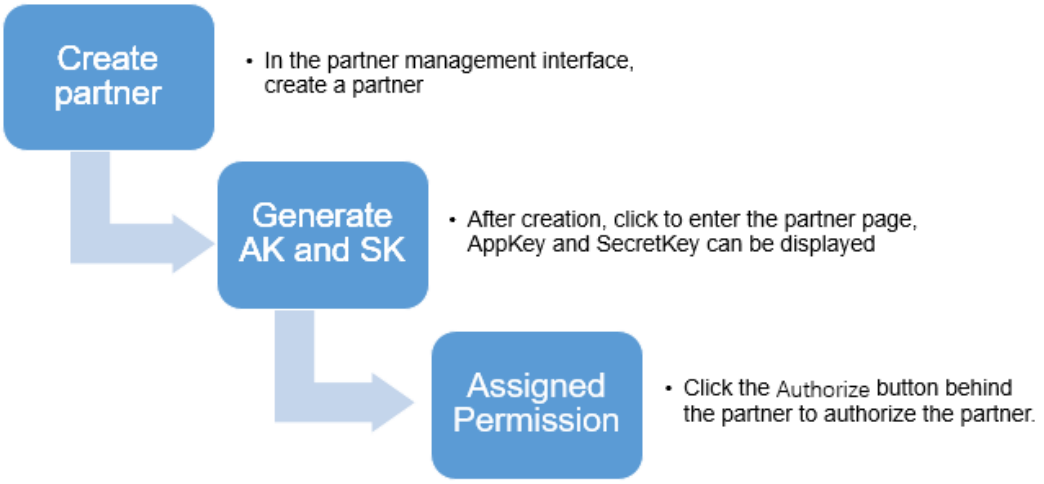
IP: https://127.0.0.1/artemis-web

Default password: admin@123

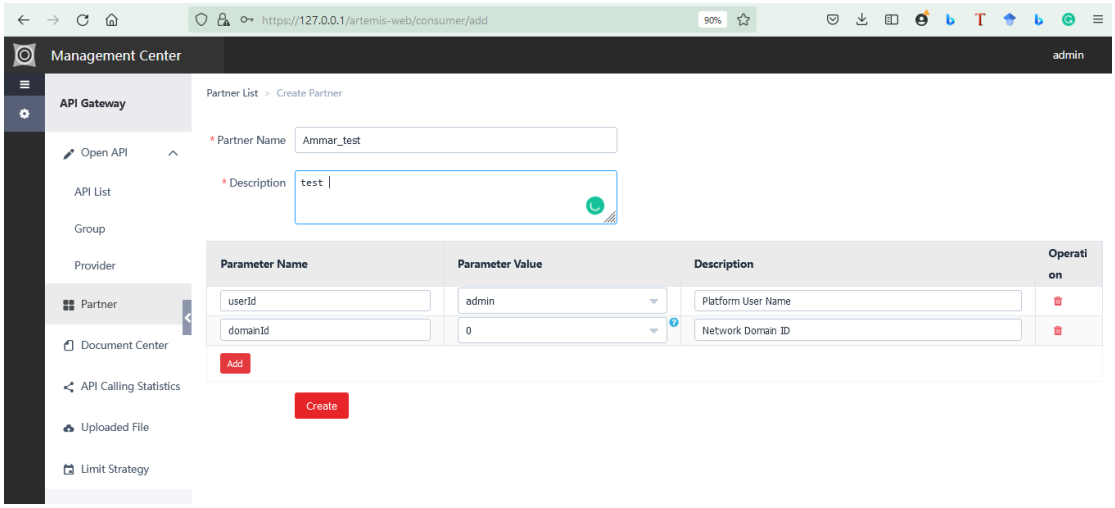




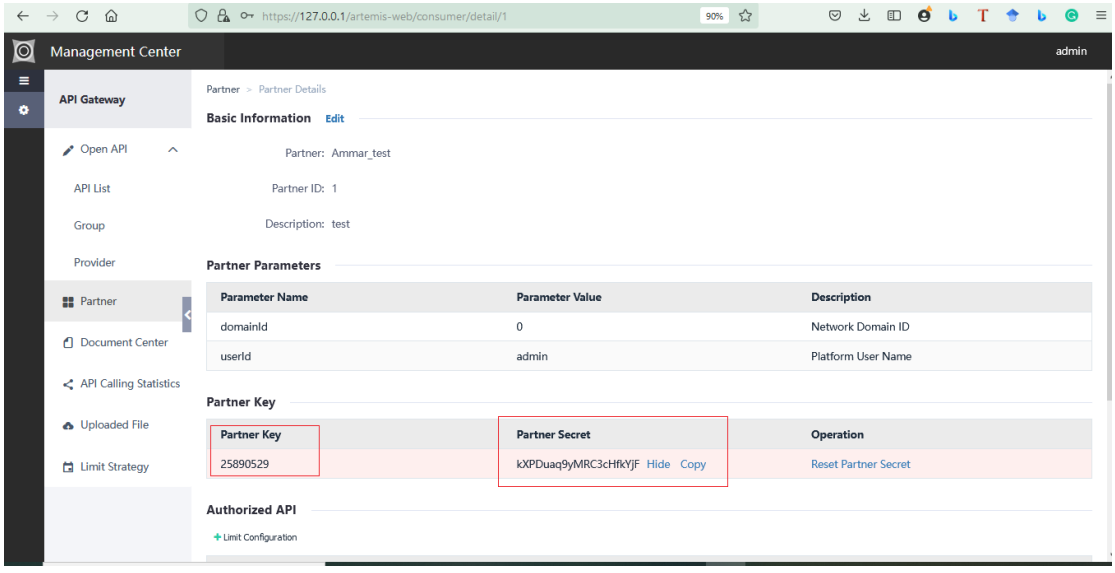
4. Before the user can integrate, the final step is required to configure and create a partner



Create Partner



Get AppKey and AppSecret



Authorize the partner