



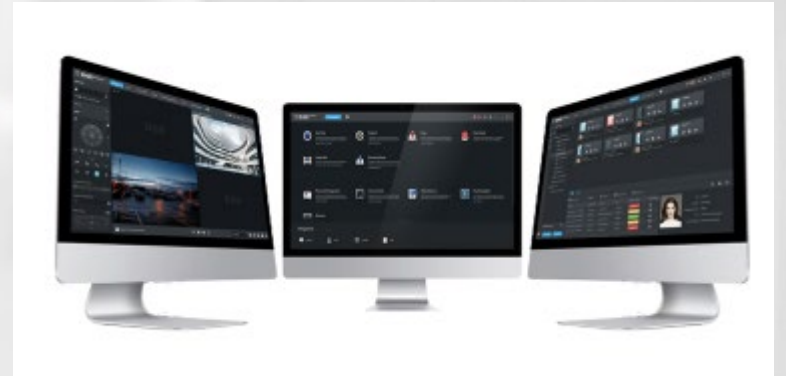
**FSM** **GROUP**

Lähellä asiakasta - parhaalla palvelulla

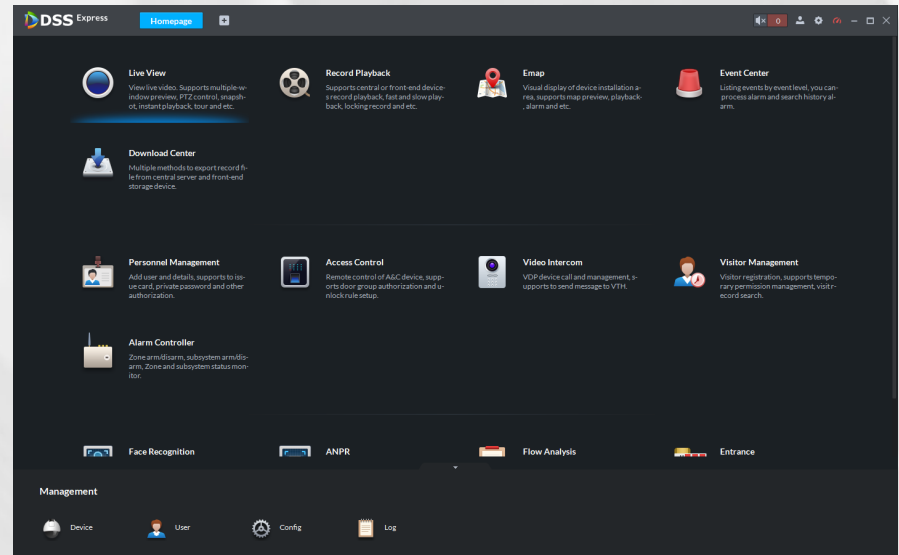
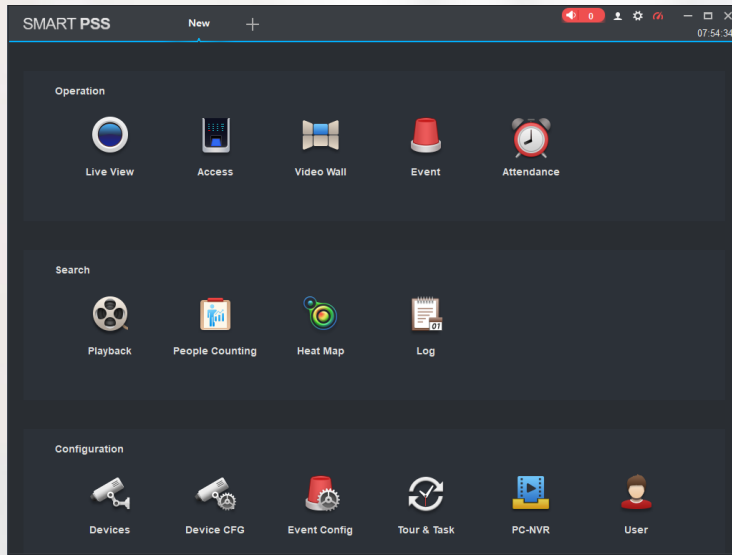
Dahua DSS Express

# DSS Express – keskitetty videovalvonta

Digital Surveillance System  
DSS Express Video Management System



# SmartPSS vs. DSS

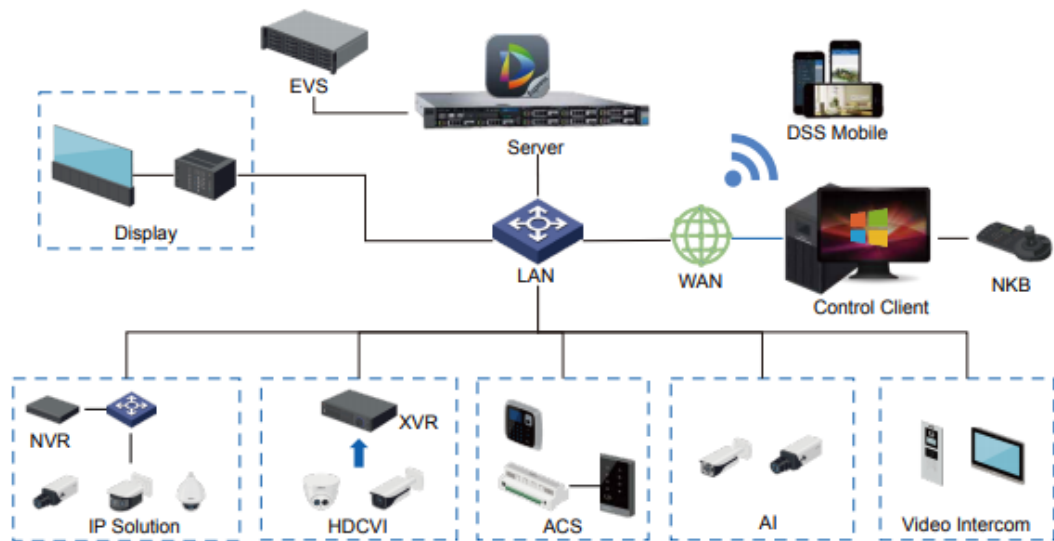


# SmartPSS vs. DSS

- SmartPSS on yhden käyttäjän työasemaohjelma
- SmartPSS maksimikanavamäärä on 256
- DSS on client/server alusta -> useita käyttäjiä
- DSS tukee keskitettyä käyttäjä- ja laiteylläpitoa
- DSS tukee hälytysten välitystä keskitetysti
- DSS tukee tallennusta keskitetysti
- DSS tukee uusimpia valvontatoimintoja

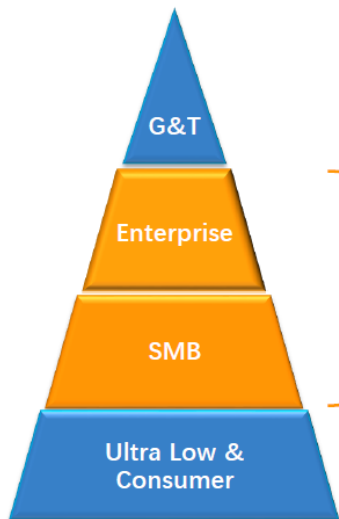
# DSS asennuskaavio

## Typical Deploy Topology



# DSS vaihtoehdot

## Overview



### DSS All-In-One



DSS4004-S2



DSS7016D-S2



### DSS Software

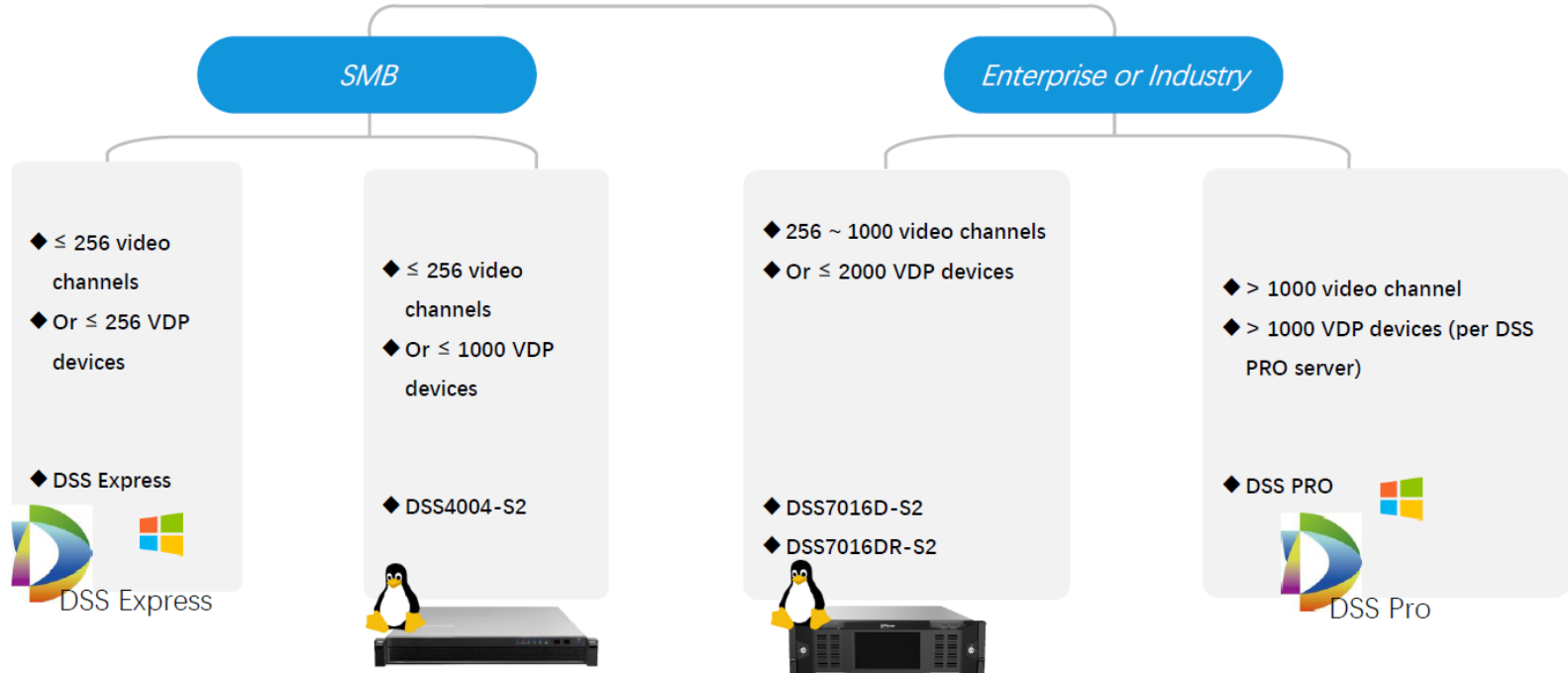


DSS Express



DSS Pro

## The ideal VMS for different size projects



# DSS Express V1.00.003.2







- 512 videokanavaa
- Maksimi videon käsittelykyky 350Mbps
- KV: 1024 ovea, 1024 Video-ovipuhelinlaitetta
- 32 x ANPR kanavaa
- 64 x kasvontunnistuskanavaa
- 8 x ONVIF laitetta
- Max. 10 samanaikaista käyttäjää
- Ei palvelimen kahdennusta/varaserveriä



# DSS Express Free - ilmaisversio

- 64 videokanavaa
- 64 KV ovea
- 128 video-ovipuhelinlaitetta
- 2 ANPR kanavaa
- 2 kasvontunnistuskanavaa
- 1 samanaikainen käyttäjä

Detail of license **Free Version** [Update license](#)

Channel		
Module	Details(You can buy license to extend channel numbers)	Used
 Video	64 channels	27 channels
 Access Control	64 channels	0 channels
 Video Intercom	128 IP	0 IP
 Alarm Host	1 IP	0 IP
 ANPR	2 channels	0 channels
 Face Recognition	2 channels	0 channels

# Free vs. lisenssit

Table 2-6 License version description

Module	Free Version	Paid version
Video	64 channels	512 channels
Access Control	64 IP, 64 doors	200 IP, 1024 doors
Video Intercom	128 IP	1024 IP
Alarm Host	1 IP	100 IP
ANPR	2 channels	32 channels
Face Recognition	2 channels	64 channels

# DSS Express lisenssit

- **DSS-EXPRESS-BASE**
  - Tarvitaan aina, jos >64 kanavaa
  - Sisältää ensimmäiset 64 kan.

DAHUA DSS EXPRESS PLUS BASE PERUSLISENSSI, SIS. 64 KANAVAA

Tuotekoodi: DSS-EXPRESS-BASE

490,00 € (ALV 0%)

Tekniset tiedot

Tuotekoodi	DSS-EXPRESS-BASE
Tuoteryhmä	Dahua
Valmistaja	Dahua

- **DSS-EXPRESS-VIDEO**
  - Kanavalisenssi 1kpl

DAHUA DSS EXPRESS VIDEO KAMERAKANAVA LISENSSI

Tuotekoodi: DSS-EXPRESS-VIDEO

35,00 € (ALV 0%)

Esim. tarve 100 videokanavaa = 1 x BASE + 36 x VIDEO

# DSS-EXPRESS-BASE

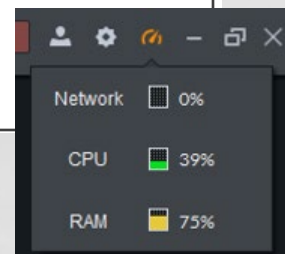
- Hinta sisältää 64 video-kanavaa
- 10 yhtäaikaista käyttäjää
- Keskitetty tallennus verkkolevylle (iSCSI)
- Hälytysten lähetys s-postilla
- Monikerroskartta
- Lisäkanavat omilla lisensseillään

# Järjestelmävaatimukset

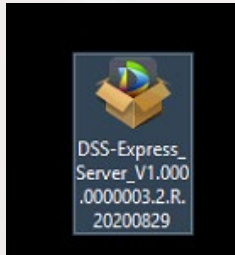
- **Operation System** Win7(64 bit)/Win10(64 bit)/Windows Server 2008/Windows Server 2012/Windows Server 2016/Virtual machine(VMware ESXI 6.0)
- **Client** Win7(32 bit)/Win7(64 bit)/Win8.1(64 bit)/Win10(64 bit)/Windows Server 2008/Windows Server 2012/Windows Server 2016/Virtual machine(VMware ESXI 6.0)

# Järjestelmävaatimukset

DSS Server Configuration Requirement	
Recommended config	CPU: Intel® Xeon® CPU E3-1220 v5 @3.00GHz RAM: 8 GB Network adapter: 1Gps DSS installation directory space: Over 500 GB
Minimum config	CPU: i3-2120 RAM: 8 GB Network adapter: 1 Gps DSS installation directory space: Over 200 GB



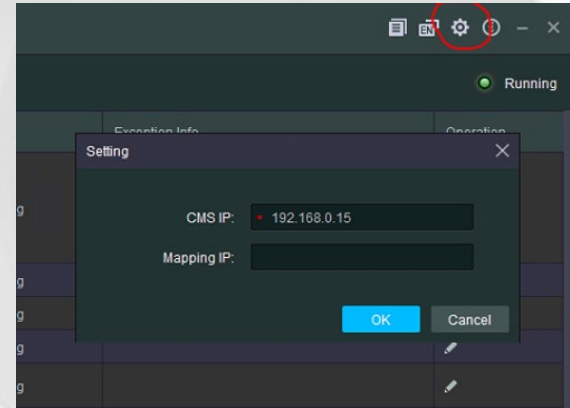
# DSS Express palvelinasennus



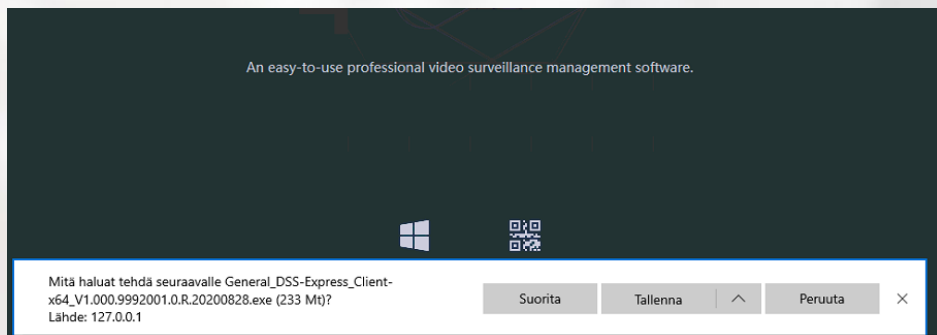
**DSS Server** [Restart All] [Stop All] [Refresh] [Running]

Server	Port	Status	Exception Info	Operation
DSS_WEB	HTTP:80 HTTPS:443(Login Port) CMS:9000 SHUTDOWN:8005 REDIRECT:9005	Running		
DSS_VMS	N/A	Running		
DSS_SS	9320	Running		
DSS_SOSO	12366	Running		
DSS_SC	SIP:5080 RTP:554	Running		
DSS_PTS	LISTEN:9115 PICTURE:8081 RTP:40000-49999	Running		
DSS_PES	9400	Running		
DSS_PCPS	REGISTER:9550 SIP:5060	Running		
DSS_OSS	HTTP:9800 HTTPS:9901	Running		
MySQL	3306	Running		
DSS_MTS	9100	Running		
DSS_MQ	OPENWIRE:61616 MQTT:1883	Running		

[Download Client](#)



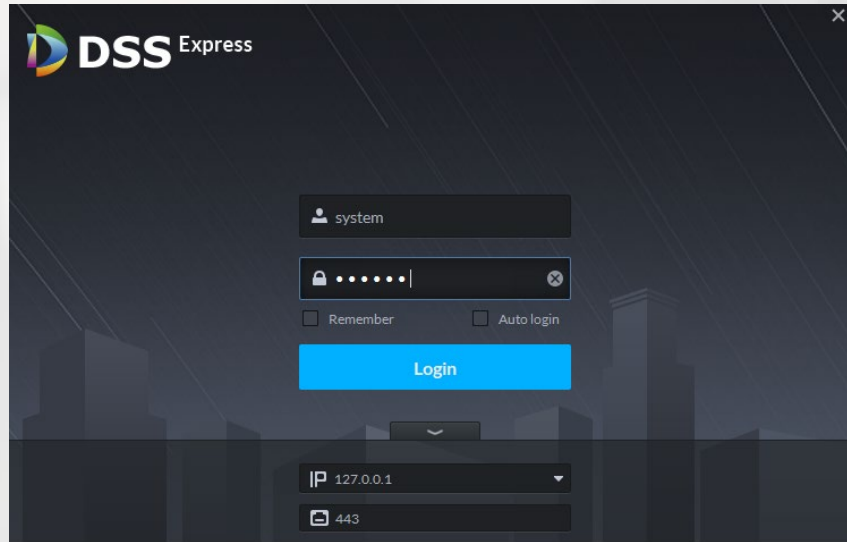
# DSS Express client-asennus





# DSS Express client-asennus

- Oletuskäyttäjä: **system**, salasana: **123456**

A screenshot of the DSS Express login window. The window title is "DSS Express". It features a dark background with a city skyline silhouette. The login form includes a username field with "system" entered, a password field with "123456" masked by dots, and a "Login" button. Below the password field are checkboxes for "Remember" and "Auto login". At the bottom, there are fields for IP address (127.0.0.1) and port (443).

DSS Express

system

123456

Remember  Auto login

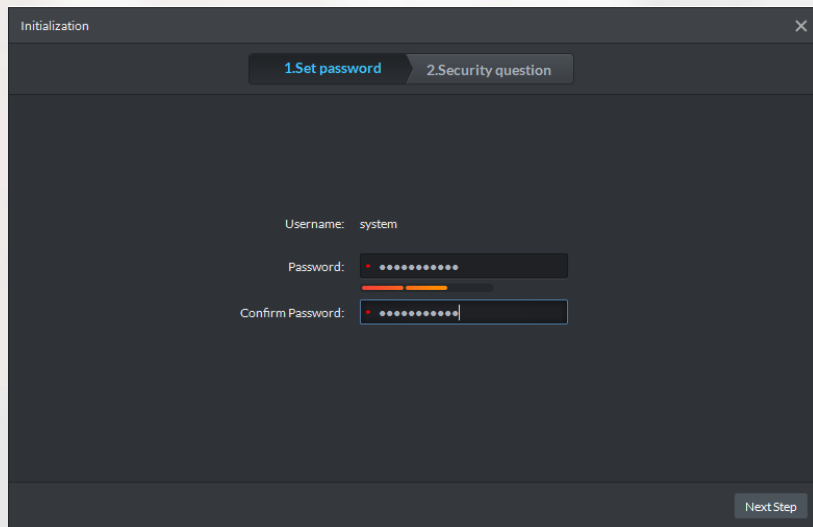
Login

IP 127.0.0.1

443

# DSS Express client-asennus

- Salasanan vaihto pakollinen ensimmäisellä kirjautumiskerralla



Initialization

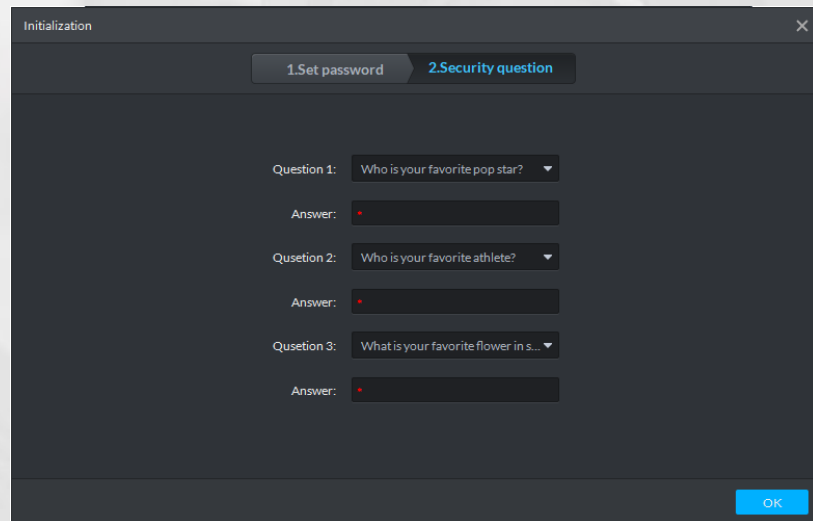
1.Set password 2.Security question

Username: system

Password:

Confirm Password:

Next Step



Initialization

1.Set password 2.Security question

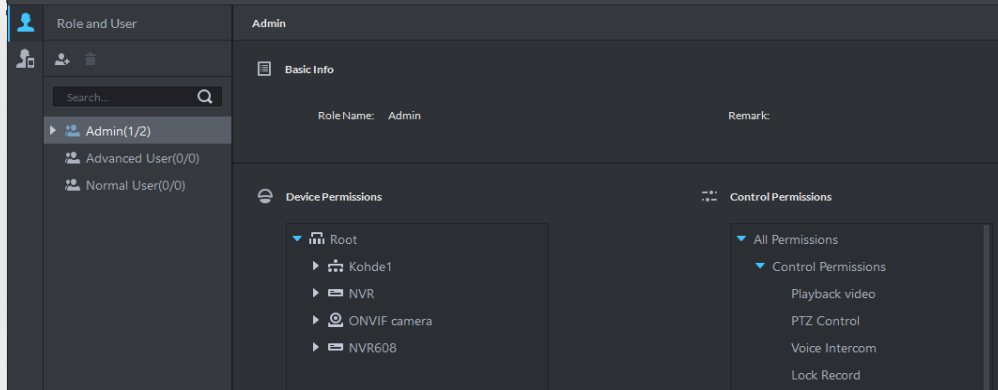
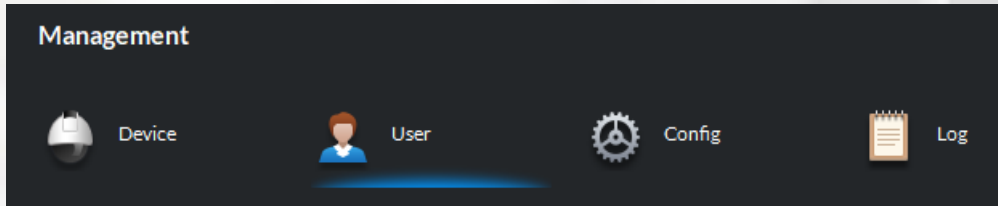
Question 1: Who is your favorite pop star?

Question 2: Who is your favorite athlete?

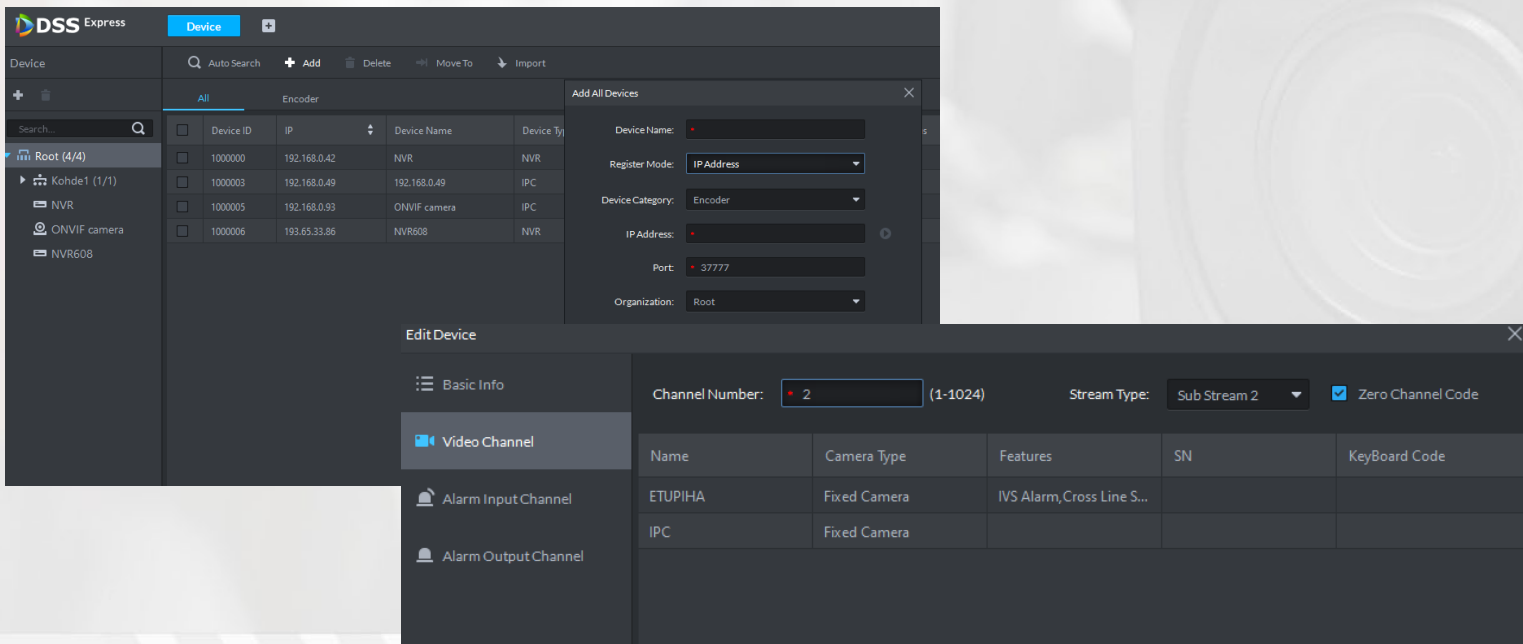
Question 3: What is your favorite flower in s...

OK

# Käyttäjän luominen



# Laitteiden lisäys



The screenshot displays the DSS Express software interface. The main window shows a list of devices under the 'Device' tab. A table lists device details, and an 'Add All Devices' dialog is open for configuration. Below, the 'Edit Device' dialog is shown with the 'Video Channel' tab selected, displaying a table of video channels.

**Device List:**

Device ID	IP	Device Name	Device Type
1000000	192.168.0.42	NVR	NVR
1000003	192.168.0.49	192.168.0.49	IPC
1000005	192.168.0.93	ONVIF camera	IPC
1000006	193.65.33.86	NVR608	NVR

**Add All Devices Configuration:**

- Device Name: [Empty]
- Register Mode: IP Address
- Device Category: Encoder
- IP Address: [Empty]
- Port: 37777
- Organization: Root

**Edit Device - Video Channel Configuration:**

- Channel Number: 2 (1-1024)
- Stream Type: Sub Stream 2
- Zero Channel Code

Name	Camera Type	Features	SN	KeyBoard Code
ETUPIHA	Fixed Camera	IVS Alarm,Cross Line S...		
IPC	Fixed Camera			