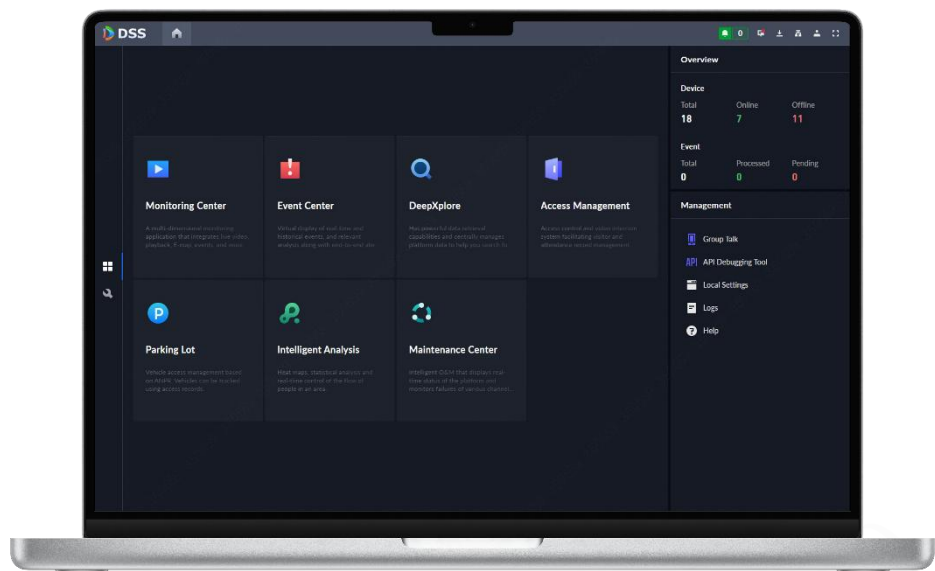




Dahua Security System V8.8

David Siegel, R&D Software Product Engineer

Program

- Čo je to DSS a ako funguje
- Novinky vo verzii V8.8
 - Inteligentné vyhľadávanie ľudí a vozidiel
 - Integrácia požiarneho zabezpečenia
 - Parkovací systém s podporovaním platením
 - DSS OnePass & DSS Agile 8 – najpokročilejšie aplikácie pre DSS
 - Mobile Surveillance modul
 - Integrácia telových kamier MPT230
- Nadchádzajúce novinky vo verzii V8.9
 - Rozšírené funkcie vo Webovom rozhraní DSS
 - Integrácia zariadení tretích strán



DSS versions

DSS OneBox



All-in-one zariadenie pre malé a stredne veľké inštalácie

- ✓ Podporuje **128** video channels
- ✓ Až do **64** access control channels
- ✓ **ONVIF & Hik** protocol support
- ✓ **Multi-site** (works as sub-site of DSS Pro/Ultimate)
- ✓ **1 Parking Lot** (4 entrances/exits)
- ✓ **Intelligent Analysis**
- ✓ **Maintenance Center**
- ✓ **Attendance**
- ✓ **P2P connection of mobile app**
- × **Additional modules**
- × **Customization service**

DSS Express



Pay-as-you-go software for small and medium sites

- ✓ Up to **256** video channels
- ✓ Up to **64** access control channels
- ✓ **ONVIF** protocol support
- ✓ **Multi-site** (with license works as sub-site of DSS Pro/Ultimate)
- ✓ **1 Parking Lot** (with license 4 entrances/exits)
- ✓ **Intelligent Analysis**
- × **Maintenance Center**
- × **Attendance**
- × **Additional modules**
- × **Customization service**

DSS7116D/DR



All-in-one device for medium sites and monitoring centers

- ✓ Up to **5000** video channels (1000 video channels per server)
- ✓ Up to **64** access control channels
- ✓ **ONVIF & Hik** protocol support
- × **Multi-site**
- ✓ **8 Parking Lots** (64 entrances/exits)
- ✓ **Intelligent Analysis**
- ✓ **Maintenance Center**
- × **Attendance**
- × **Additional modules**
- × **Customization service**

DSS Professional



Pay-as-you-go software medium and enterprise sites

- ✓ Up to **20 000** video channels (2000 video channels per server)
- ✓ Up to **1000** access control channels
- ✓ **ONVIF & Hik** protocol support
- ✓ **Multi-site** (works as main-site, up to **100 sub-sites**)
- ✓ **16 Parking Lots** (128 entrances/exits)
- ✓ **Intelligent Analysis**
- ✓ **Maintenance Center**
- ✓ **Attendance**
- ✓ **Mobile Surveillance**
- ✓ **Additional modules** (Intelligent Inspection, Retail, Educational)
- ✓ **Customization**

DSS Ultimate

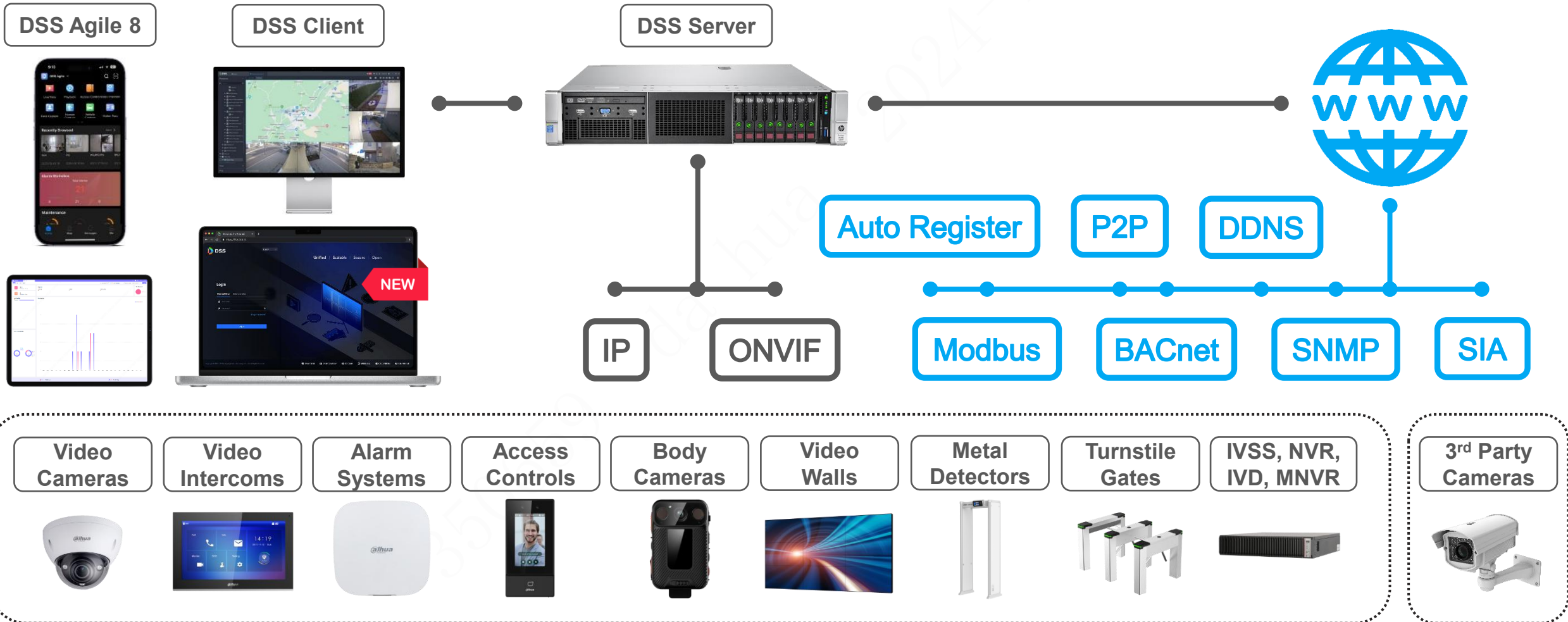


Pay-as-you-go high performance software for mission-critical sites

- ✓ Up to **300 000 video channels** (30 000 video channels per server)
- ✓ Up to **20 000 access control channels**
- ✓ **ONVIF & Hik** protocol support
- ✓ **Multi-site** (works as main-site, up to **1024 sub-sites**)
- ✓ **16 Parking Lots** (128 entrances/exits)
- ✓ **Intelligent Analysis**
- ✓ **Maintenance Center**
- ✓ **Attendance**
- ✓ **DSS Pro modules + Command Center, Traffic Center**
- ✓ **Panoramic splicing and laser range**
- ✓ **Customization**

Čo je to DSS?

- Softvérová platforma pre Dahua produkty, ale aj produkty tretích strán
- Škálovateľný a kedykoľvek rozšíriteľný systém



Local IP Address

No Public IP



No Public IP

Video
Cameras



Video
Intercoms



Alarm
Systems



Access
Controls



Body
Cameras



Video
Walls



Metal
Detectors



Turnstile
Gates



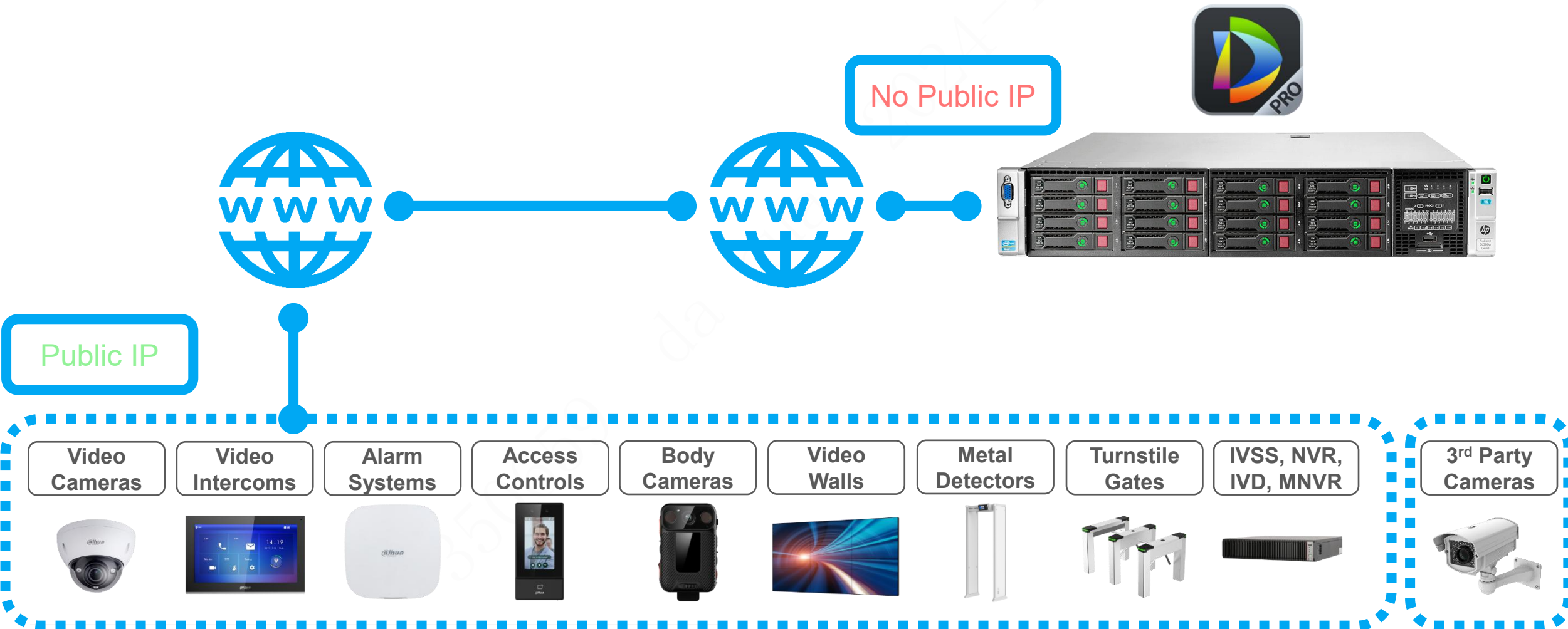
IVSS, NVR,
IVD, MNVR



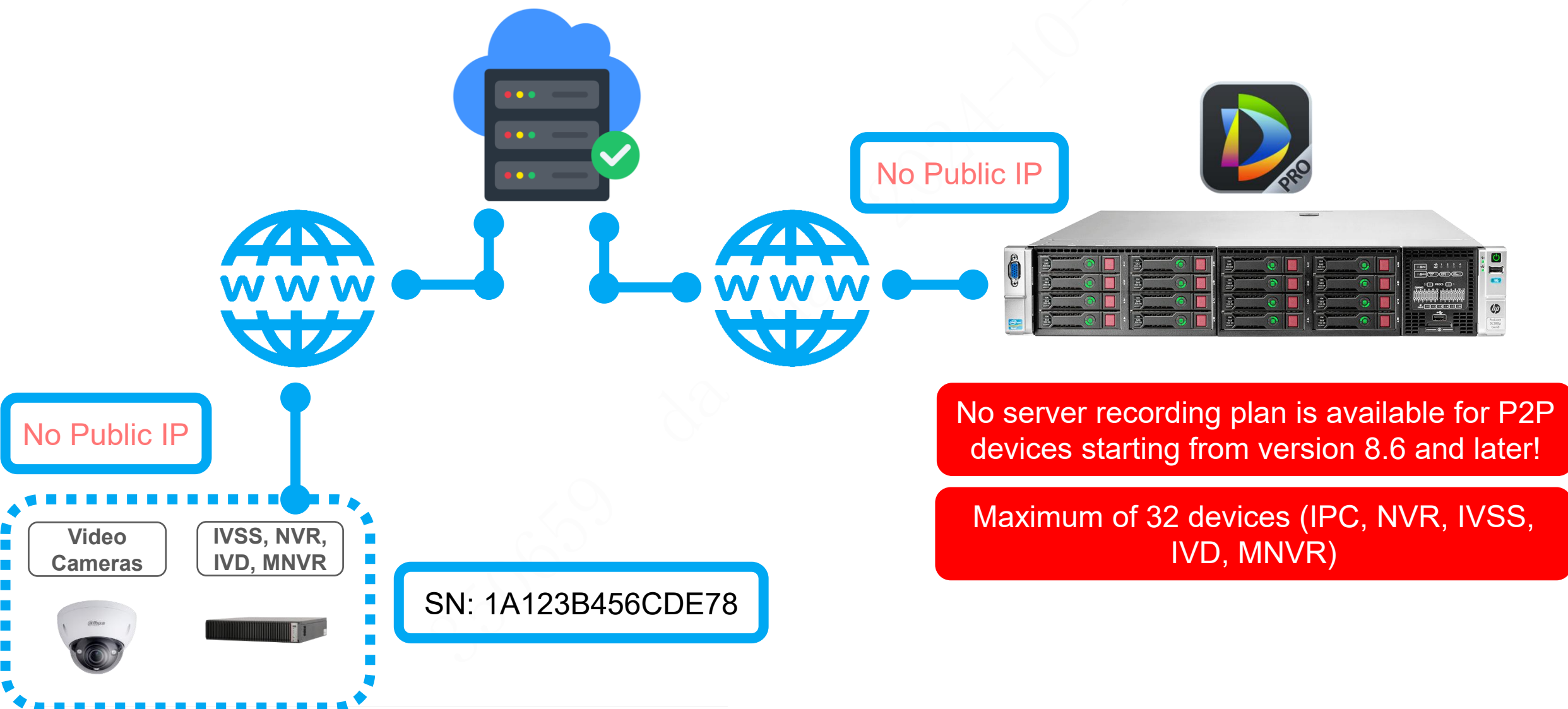
3rd Party
Cameras



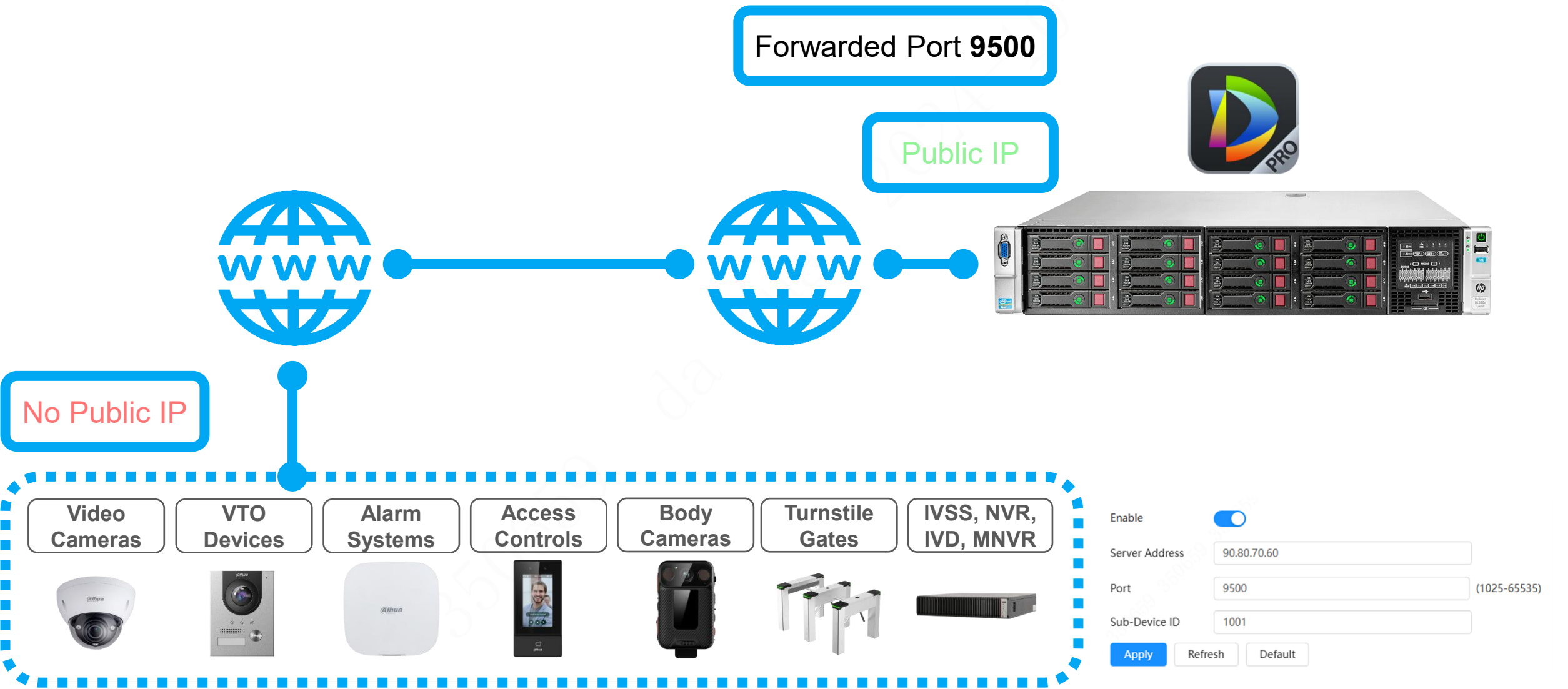
Static Public IP Address



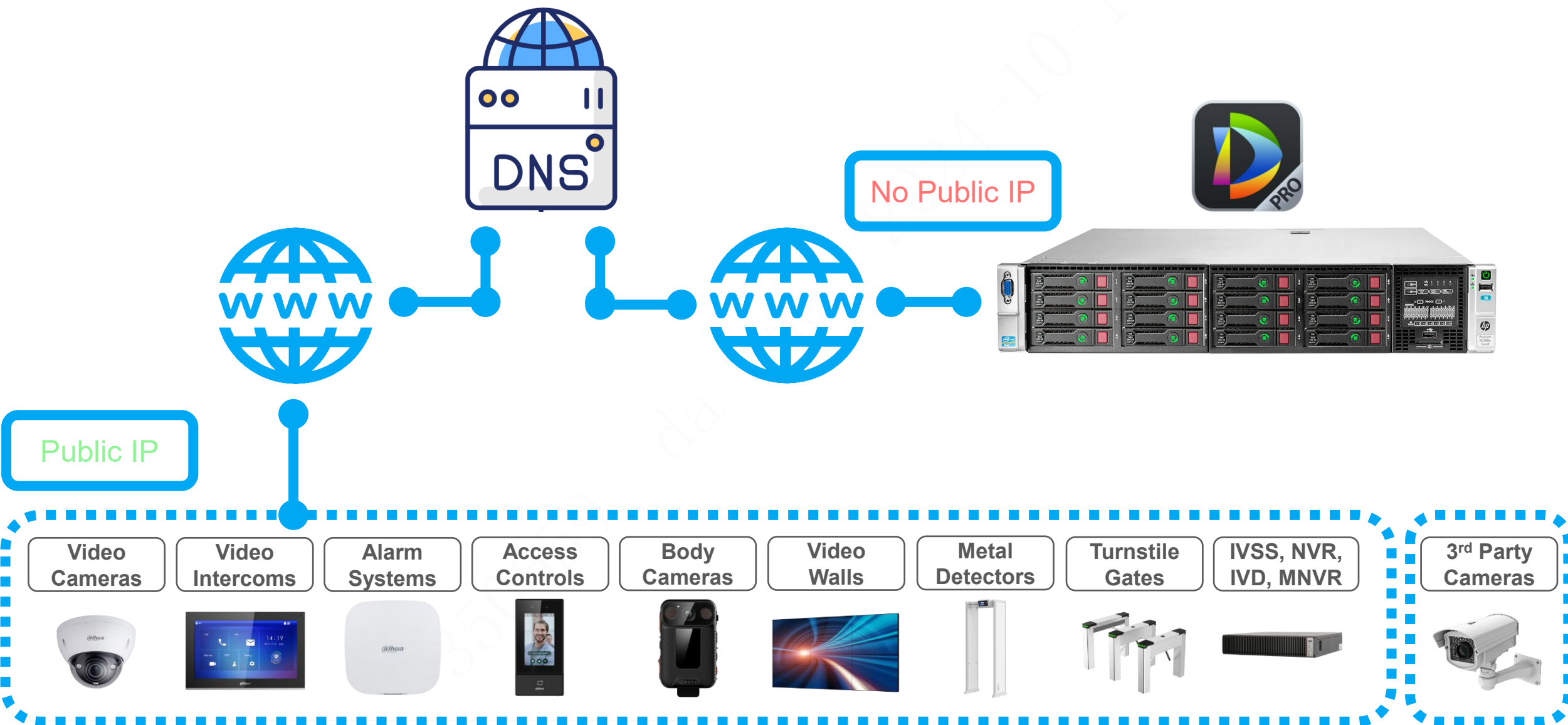
P2P



Auto Register



DDNS



Ako DSS šetrí peniaze?

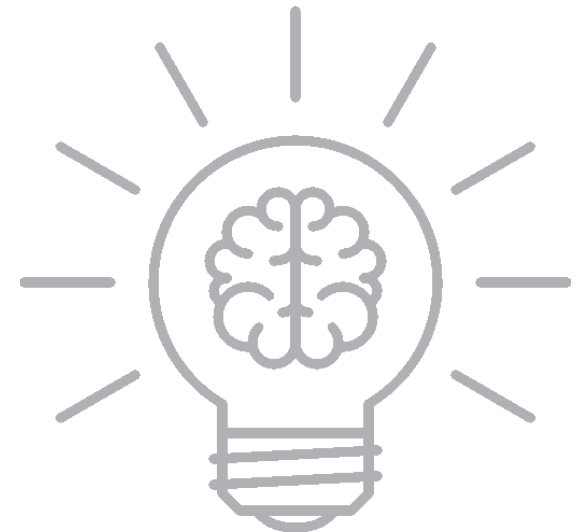
- CCTV, Video Interkom, Prístupový systém, Požiarny systém a Zabezpečovací systém je zvyčajne 5 oddelených a nespolupracujúcich systémov
- Technici a operátori sa musia učiť 5 rozdielnych rozhraní na nastavovanie a správu
- Takmer žiadna natívna integrácia medzi rôznymi platformami, prípadne veľmi limitovaná
- Oveľa drahší hardvér
 - 5 serverov
 - Náklady na správu a servis
 - 5 rôzni výrobcovia na komunikáciu ohľadom problémov





Ako DSS šetrí peniaze?

- CCTV, Video Interkom, Prístupový systém, Požiarny systém a Zabezpečovací systém, Parkovací systém, Telové kamery, Inteligentné Retail analýzy sú súčasťou **jedného systému**
- Technici a operátori sa učia len **jedno rozhranie** – aj medzi DSS Express a DSS Pro
- **Jednoduchá** interakcia medzi zariadeniami a softvérom, aj od iných výrobcov
- 1 server alebo zostava serverov pre všetky systémy





MPT230 Face Recognition & ANPR



MPT230 Face Recognition turned ON



- Alarm on Face Recognition or License Plate Recognition
- Database of faces/vehicles directly on device
- GPS location of the event
- Mobile app notification in DSS Agile 8

Mobile Surveillance



DSS V8.8

New Module - Mobile Surveillance

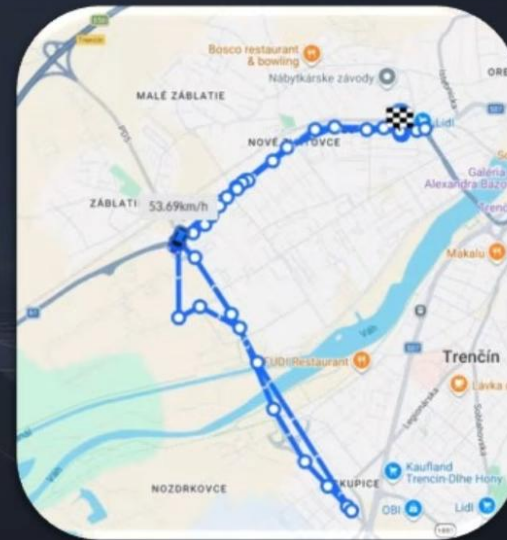


Supports Mobile NVR

Alarms from MNVR

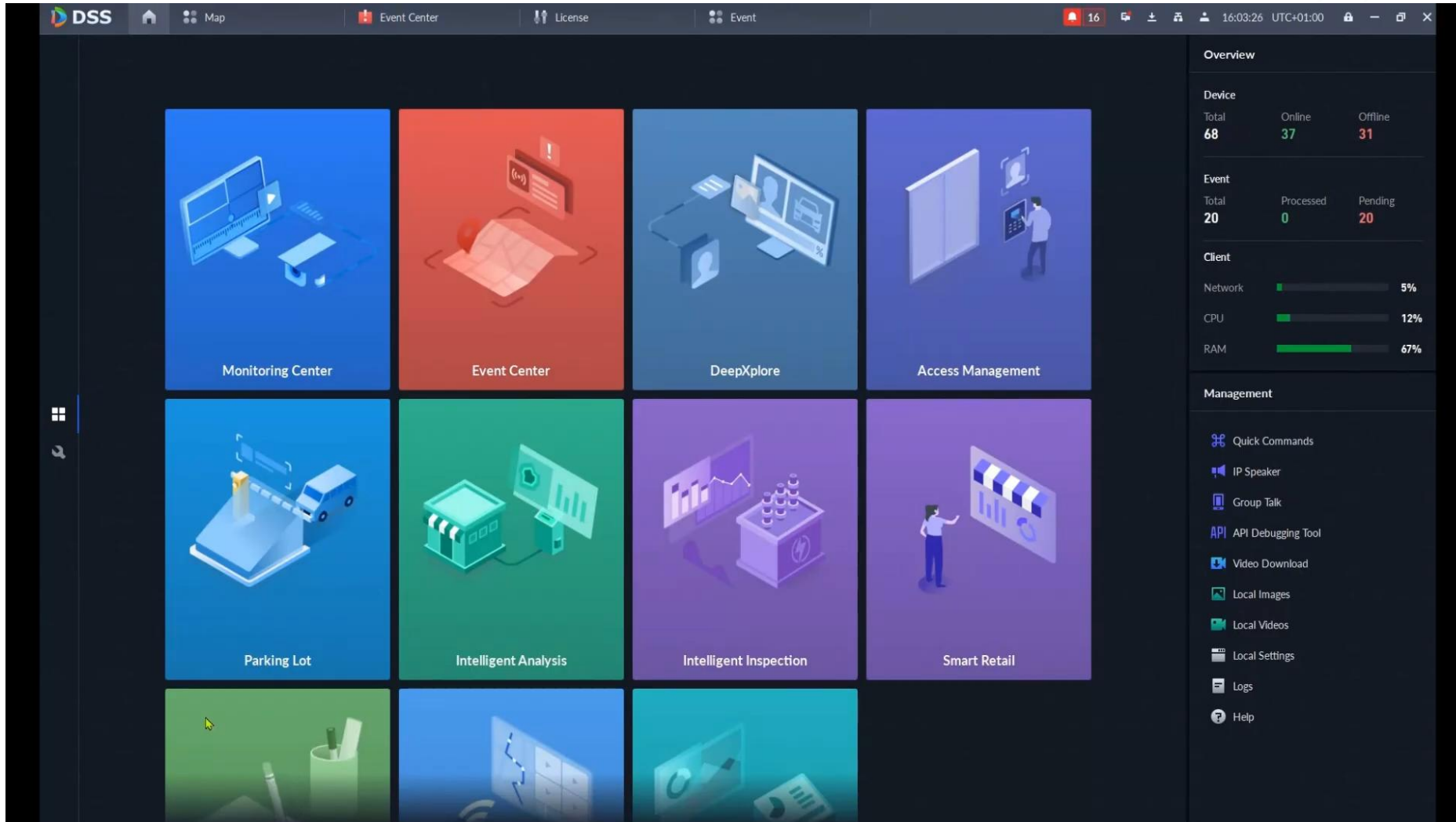
GPS location of a vehicle

Statistics about a vehicle



- Alarm on Entrance/Exit of controlled area
- Vehicles statistics
 - Trips
 - Distance
- GPS monitoring
 - Location
 - Speed
 - Chart
- Video recordings

Fire Alarm system in DSS



- Native integration
- Direct control of the FACP from DSS
- Easy overview of alarms
- Alarm source map location
- Distinguish between zones or detectors

Speed measurement in DSS



The advertisement features a dark blue background. In the top left corner is the 'a/hua TECHNOLOGY' logo. The main title 'DSS V8.7' is in large white font, followed by 'Vehicle Speed Alarm – ITC431-KW4F' in a slightly smaller white font. On the left is a white speed limit sign with 'SPEED LIMIT' and a red circle with '50'. In the center is a white and black speed camera unit with the 'a/hua' logo. To the right of the camera is a blue button with 'SPEED ALARM' in white text.

a/hua
TECHNOLOGY

DSS V8.7

Vehicle Speed Alarm – ITC431-KW4F

**SPEED
LIMIT**

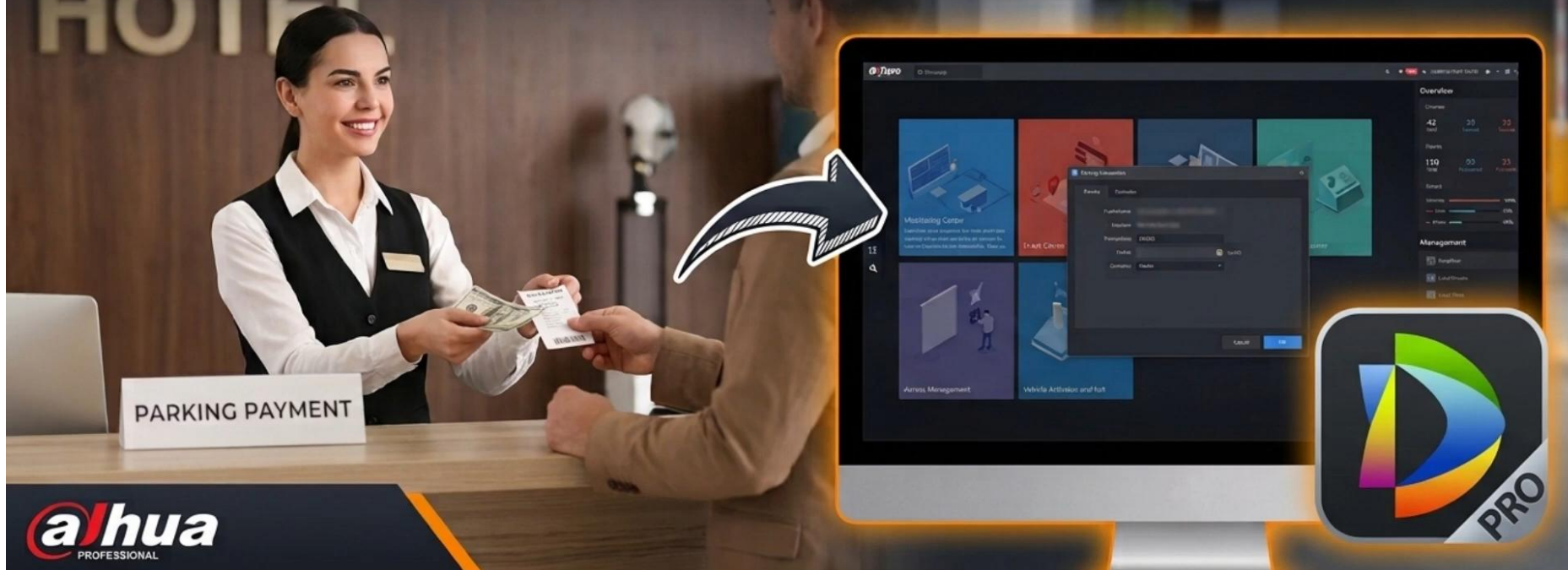
50

**SPEED
ALARM**

- Connect to any DSS version
- Possibility to generate a ticket and see statistics in DSS Ultimate
- Natively integrated in DSS

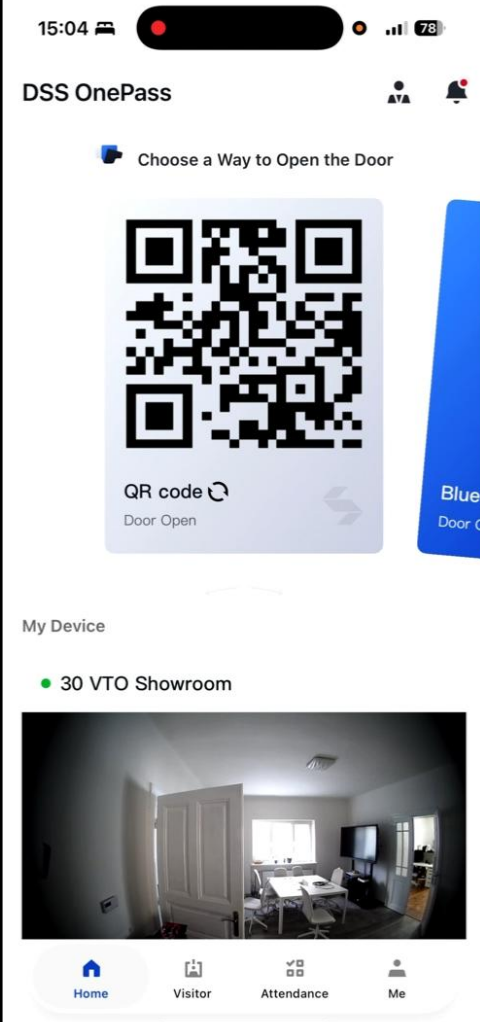
DSS Parking module

DAHUA DSS PARKING: MANUAL PAYMENT



- Charge parking per minute, hour, day with custom rules and exceptions
- Overview of collected money per operator
- Supports configurable display with custom info
- Possibility to connect ticket station

DSS OnePass

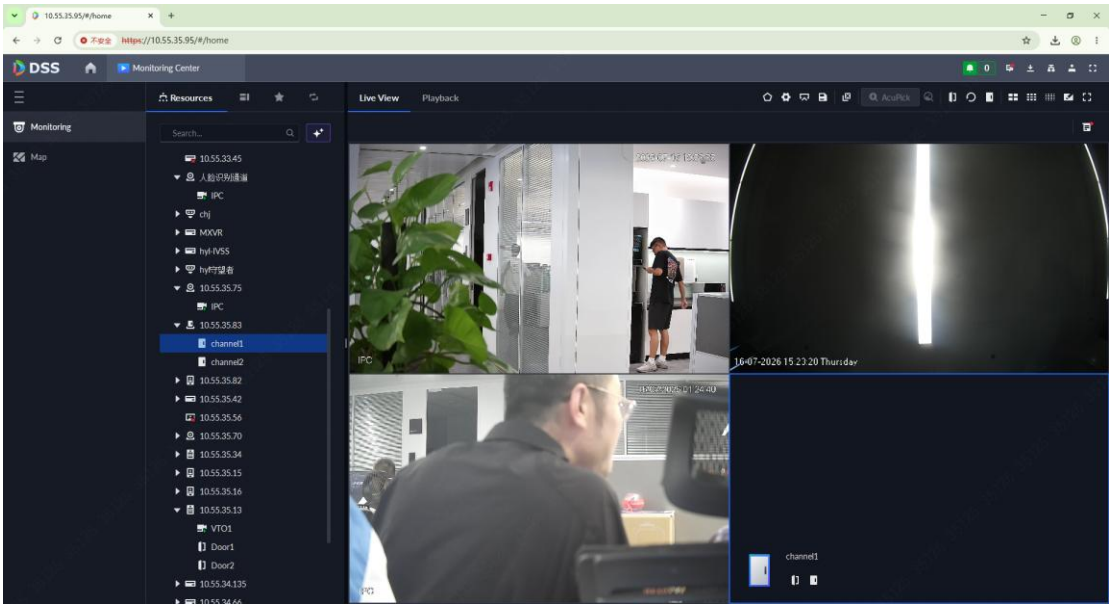


- Charge parking per minute, hour, day with custom rules and exceptions
- Overview of collected money per operator
- Supports configurable display with custom info
- Possibility to connect ticket station

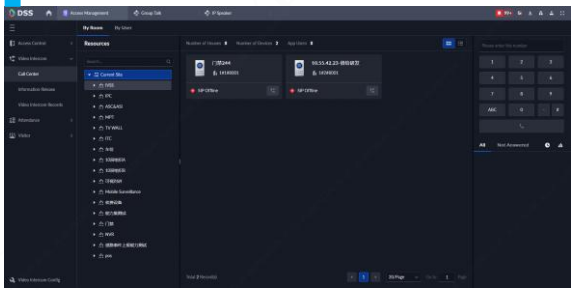
DSS V8.9 Nové funkcie web klienta



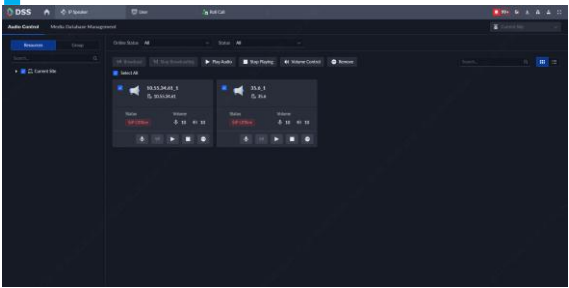
Video-Plugin



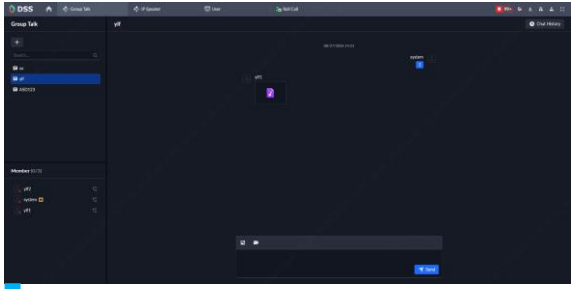
Intercom



IP Speaker



Group Talk



New features supported by Web Client

DSS V8.9 Integrácia zariadení tretích strán cez ovládače

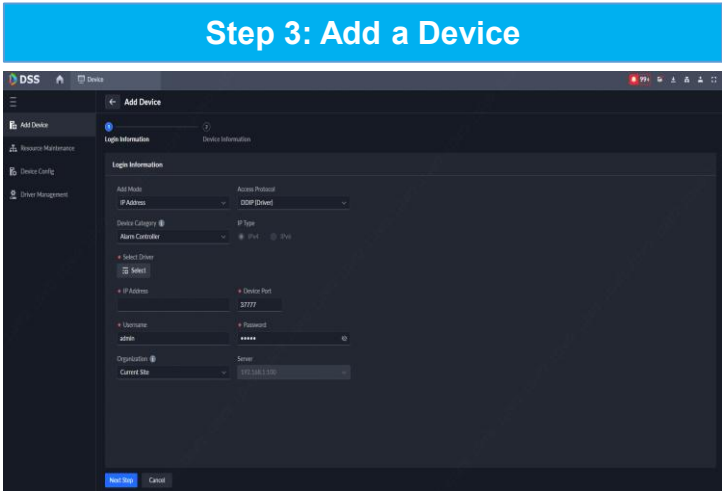
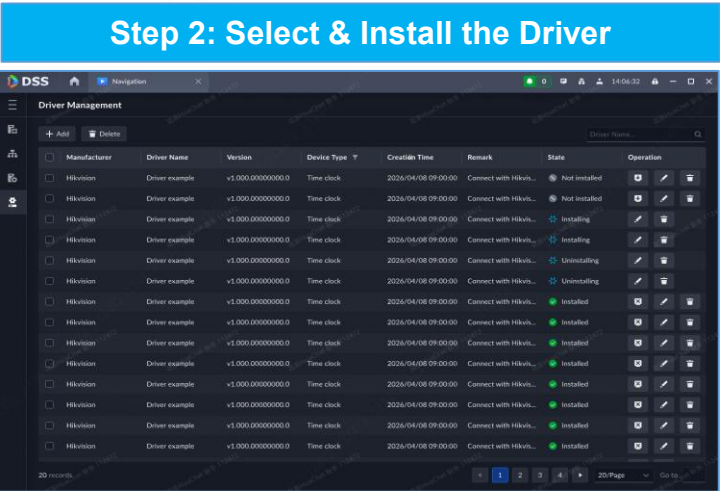
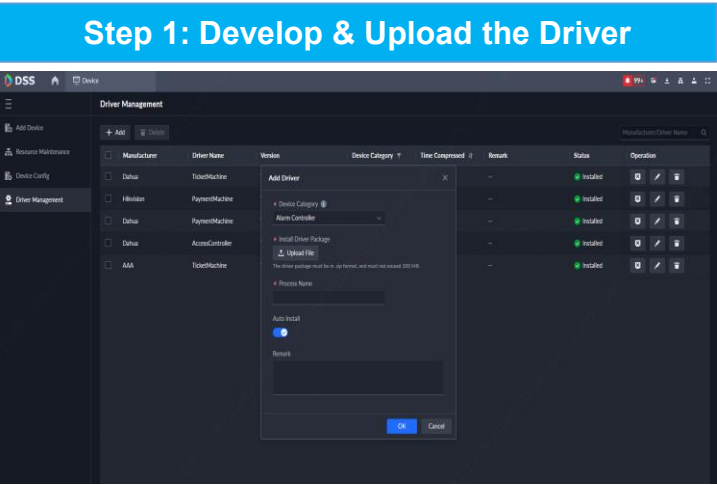
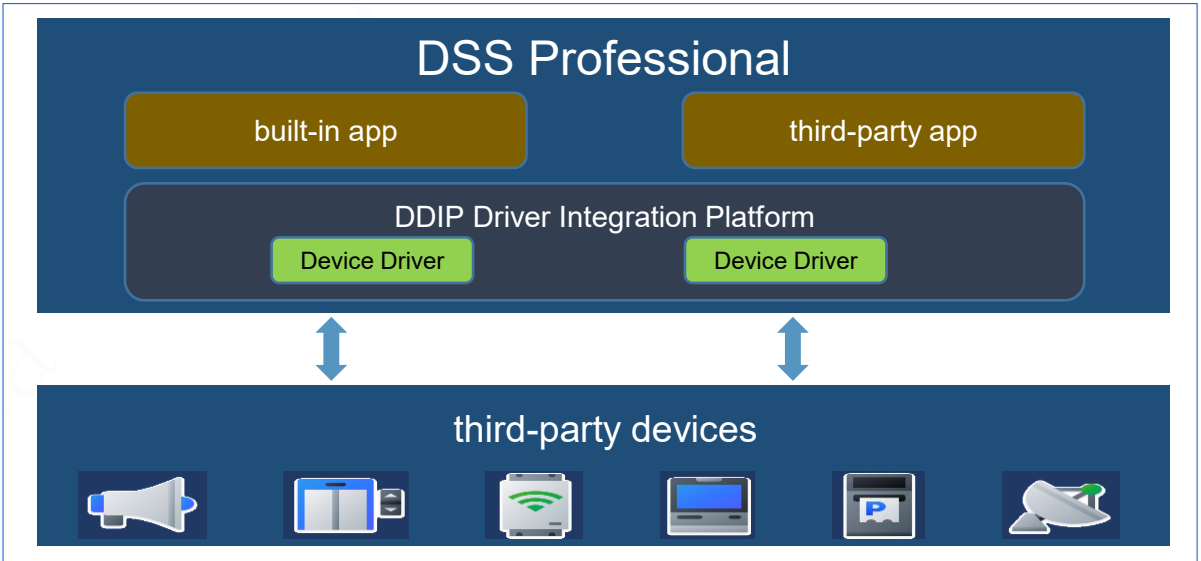
DDIP (Dahua Driver Integration Platform) is the driver management platform of DSS. It allows third-party vendors to develop drivers using standard or custom protocols and enables device onboarding through integration with the driver framework.

Core Objectives

- **Third-party hardware:** no need to build your own platform. One simple setup manages everything. It also works with other devices in one closed loop, and joins the DSS ecosystem and its users — so it costs less to connect, makes devices stronger in the market, and reaches more customers.
- **DSS:** manages everything in one place, speeds up business, adds more use cases — so work is more efficient and the ecosystem is worth more.

Typical Scenarios

- **Facing mixed-device scenarios,** it helps developers quickly connect third-party hardware and build closed-loop business workflows — for example, **industrial warehouse monitoring**(Connects to different third-party sensor devices through the DDIP framework, so sensors and video can work together quickly.); **Package tracing**(Connect different PDA devices to link scanning with video.)



DSS software webstránka

software.dahuasecurity.com



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Download



DSS Ultimate



DSS OneBox



DSS Professional



DSS Express



DSS7116D/DR
DSS7016D/DR-
S2(EOL) DSS4004-
S2(EOL)



Patches for DSS
Products



How to Series Video
of DSS V8



DoLynk Care

DSS YouTube kanál



- Software -



Dahua DSS Pro

@softwaredahua • 4.33K subscribers • 217 videos

DSS PRO is VMS from Dahua Technology. This channel will help you to discover beauty of...more

🔔 Subscribed ▼

Home Videos Shorts Live Playlists 🔍

Latest Popular Oldest



Intelligent inspection module, tasks for CCTV operators :
▷ 142 2d ago



How to use Video Intercom from recorder device in DSS 8.8
▷ 617 8d ago



Paid parking in DSS 8.8 - parking paid at reception :
▷ 579 2w ago

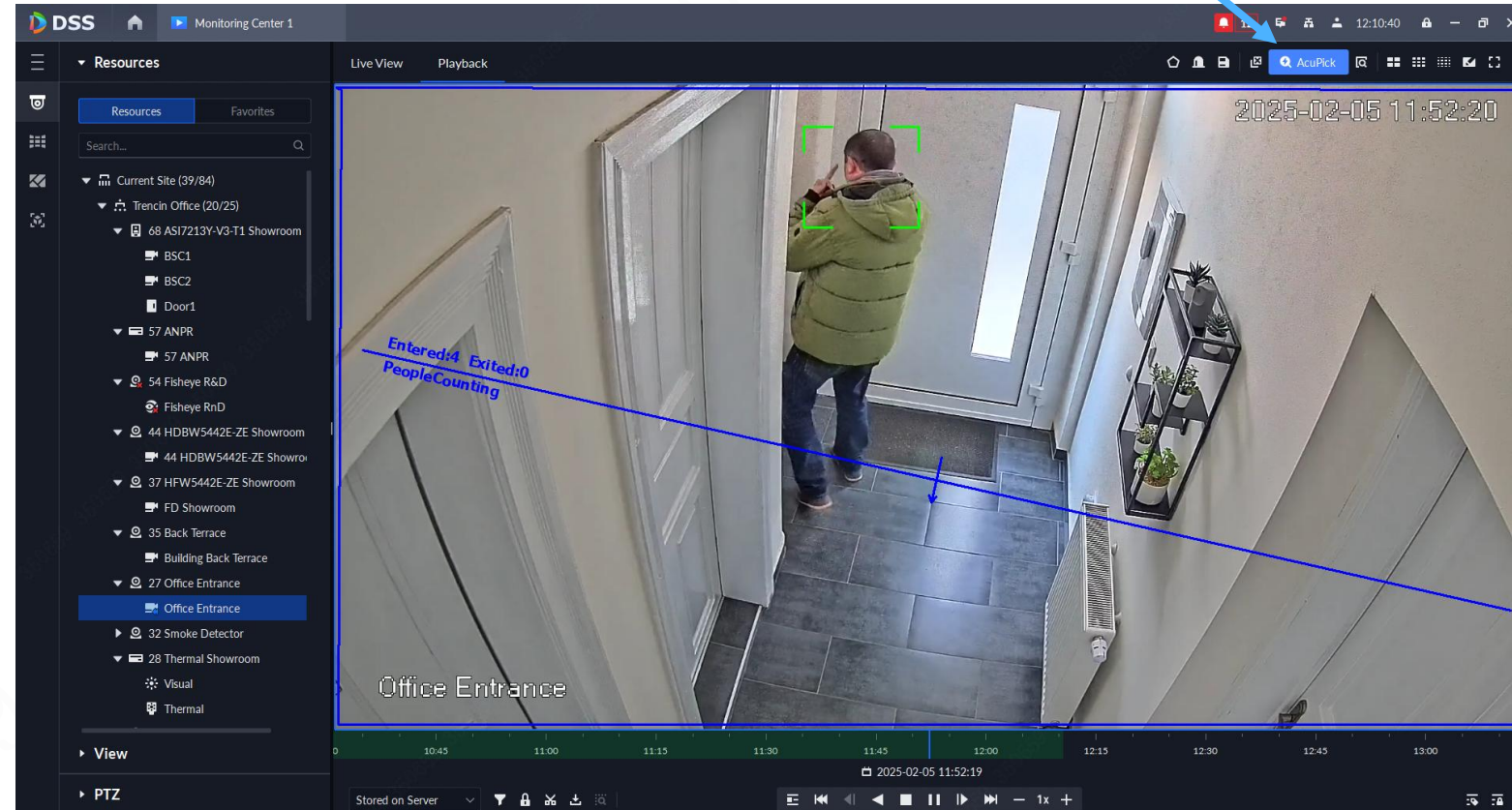
- Reálne testovanie nových funkcií
- Video návody krok po kroku ako nastaviť jednotlivé funkcie

Monitoring Center – AcuPick

- AcuPick analysis on any camera
- AcuPick search on one device without license and on multiple devices with AcuPick license
- Better than video metadata search
- Search from live view and from playback
- Accurate search of people and vehicles



AcuPick button in playback



Monitoring Center – Video Walls

- Manage Video Walls directly from one platform
- Simple layout configuration for each individual Video Wall
- Video Wall Tasks are saved for each user separately accessible from DSS Client or NKB5000
- Cycle between views for specified time: from 15s to 18 hours

Switching between Video Walls

Easy Task creation

The screenshot displays the DSS Monitoring Center interface. On the left is a 'Resources' sidebar with a search bar and a list of camera channels including HDBW5442E-ZE, 192.168.1.81, Channel1, IPC, 192.168.1.29, 192.168.1.27, 192.168.1.23, Front Pharmacy, 192.168.1.24, Front Gas Station, 192.168.1.25, Building Parking, 192.168.1.28, Visual, Thermal, 192.168.1.22, Building Front Gate, Albert P2P, Retail (6/6), and 192.168.1.57. The main area shows 'Monitoring Center 1' with a 'Video Wall: NVD 1' and a 'Task' dropdown menu. The video wall displays four camera feeds: 1-1 (interior room), 1-2 (exterior courtyard), 1-3 (interior room), and 1-4 (exterior courtyard). A red car is highlighted in the 1-4 feed with a blue bounding box. At the bottom, a table lists tasks:

No.	Window	Channel	Stay Duration (sec)	Stream	Preset	Operation
1	1-2	Kamera4	15	Main Stream	N/A	⏺ ⏴ ⏵ ⏶ ⏷
2	1-2	Channel1	15	Main Stream	N/A	⏺ ⏴ ⏵ ⏶ ⏷
3	1-2	Building Front Gate	15	Main Stream	N/A	⏺ ⏴ ⏵ ⏶ ⏷

PTZ

Thermal

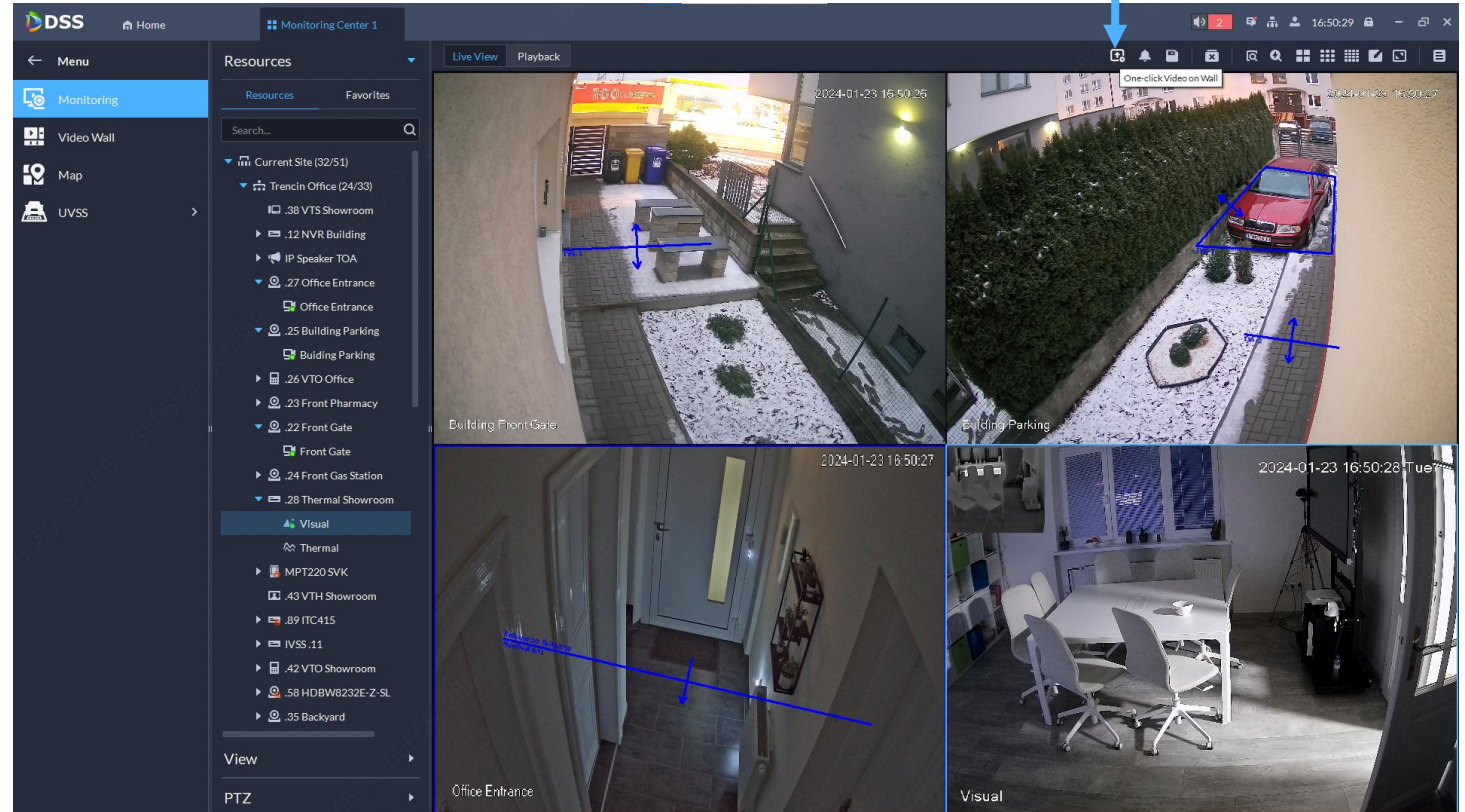
VTO

MPT

Monitoring Center – Video Walls

- One click send to video wall – create a layout in Monitoring and send it directly to video wall
- Simple control for operators

One-click send to Video Wall



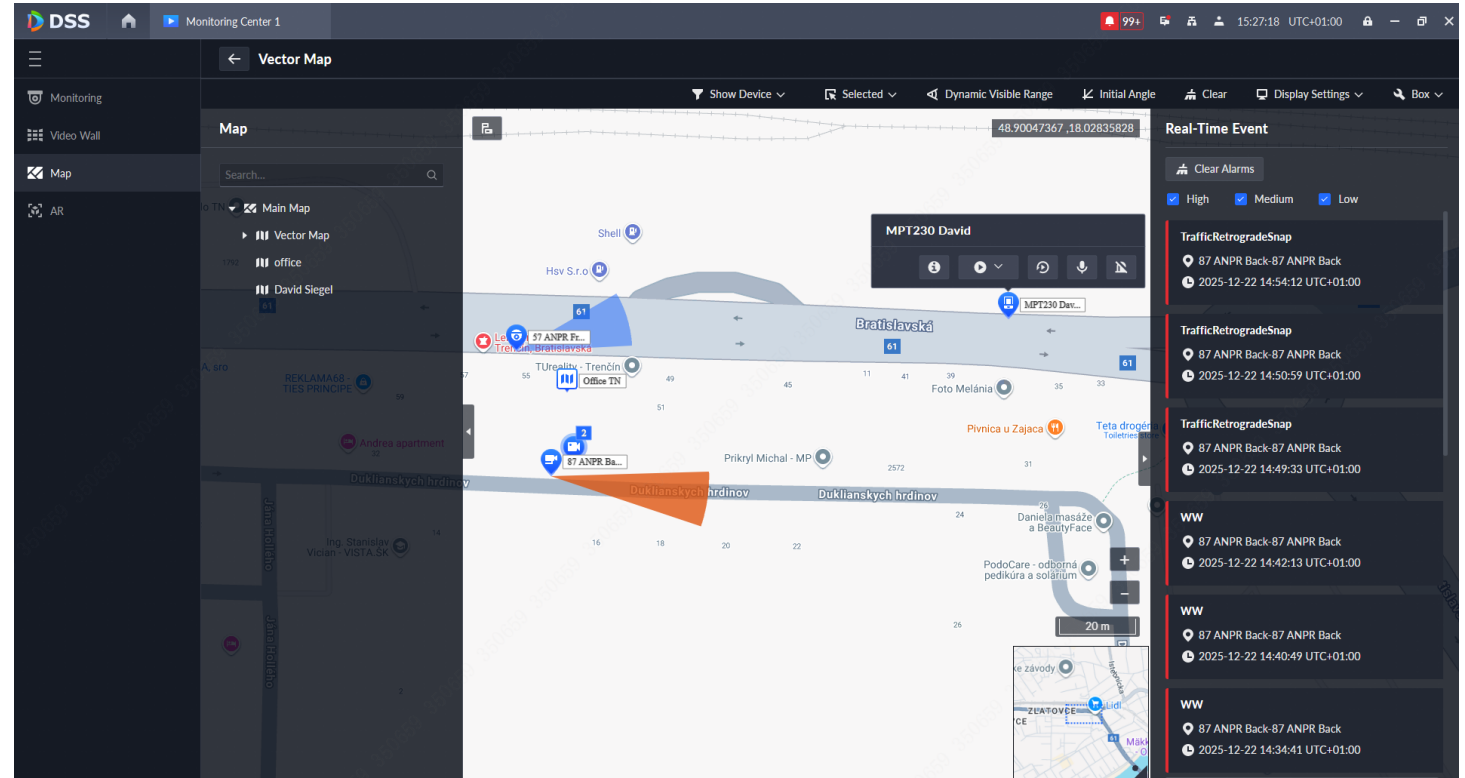
Monitoring Center – Maps

- Track mobile devices – MPTs and MNVRs
- Place Cameras, Radars and Custom Maps
- Object tracking with Radars
- Click on any device to show Organization, Live View, Playback and to cancel alarm
- Clear alarm notifications in Event Panel and by blinking device on the map
- Visible range cone from each camera for better overview

Mobile Cameras

Static Cameras

Default or Satellite map



View Range Cone

Radars

Live View

Event Panel

Event Center – Real-time Events

- Operator can see only Events assigned to them
- When there is no event, operator cannot see live view from cameras
- Direct view of Priority, Playback, Snapshots, Location and Protocol
- Alarm automatically disappears after it is resolved
- Possibility to forward events to another DSS User
- Easy email sending

The screenshot displays the DSS Event Center interface. On the left, a 'To-do' list shows several events, including 'Video Channel-Employees Cars' and 'Video Channel-Intrusion(Vehicle)'. The main area features a live video feed of a street scene with a yellow bounding box around a car. A 'Protocol Content' window is open, listing steps for handling the event. A map on the right shows the location. At the bottom right, there are options to 'Send email' and 'Resolve directly'.

Protocol

Recordings and Snapshots

Location

Status

"To-do" list

Cutouts

Send email

Resolve directly

Protocol Content

1. Address is Bratislavská 53, Trenčín
2. Confirm if it is a real alarm or a false alarm
3. Contact the company owner John +421 123 456 789
4. Write a detailed report about the situation
5. If needed, contact emergency services on number 112

Action

☒ Processed ☐ Forward

Processing Result

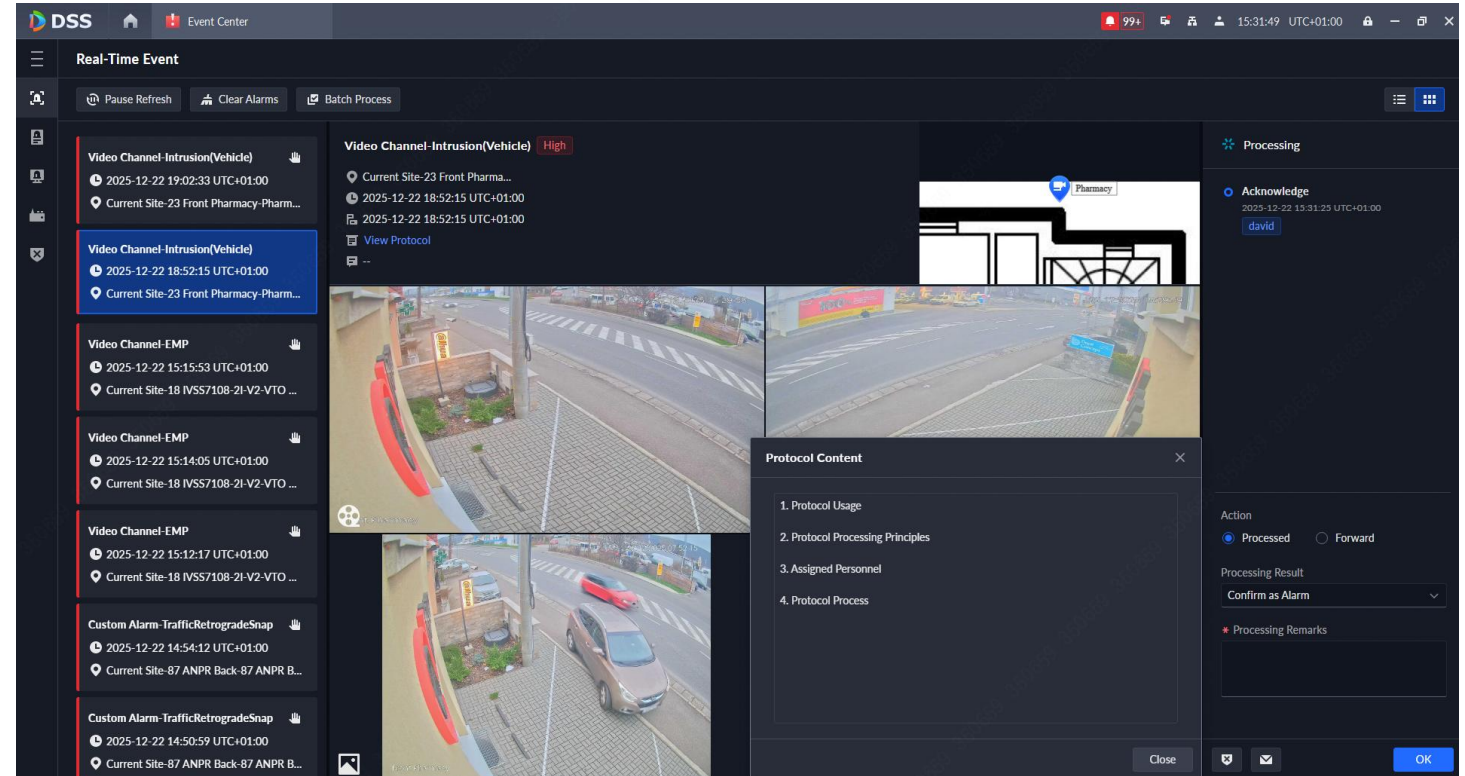
Confirm as Alarm

Processing Remarks

OK

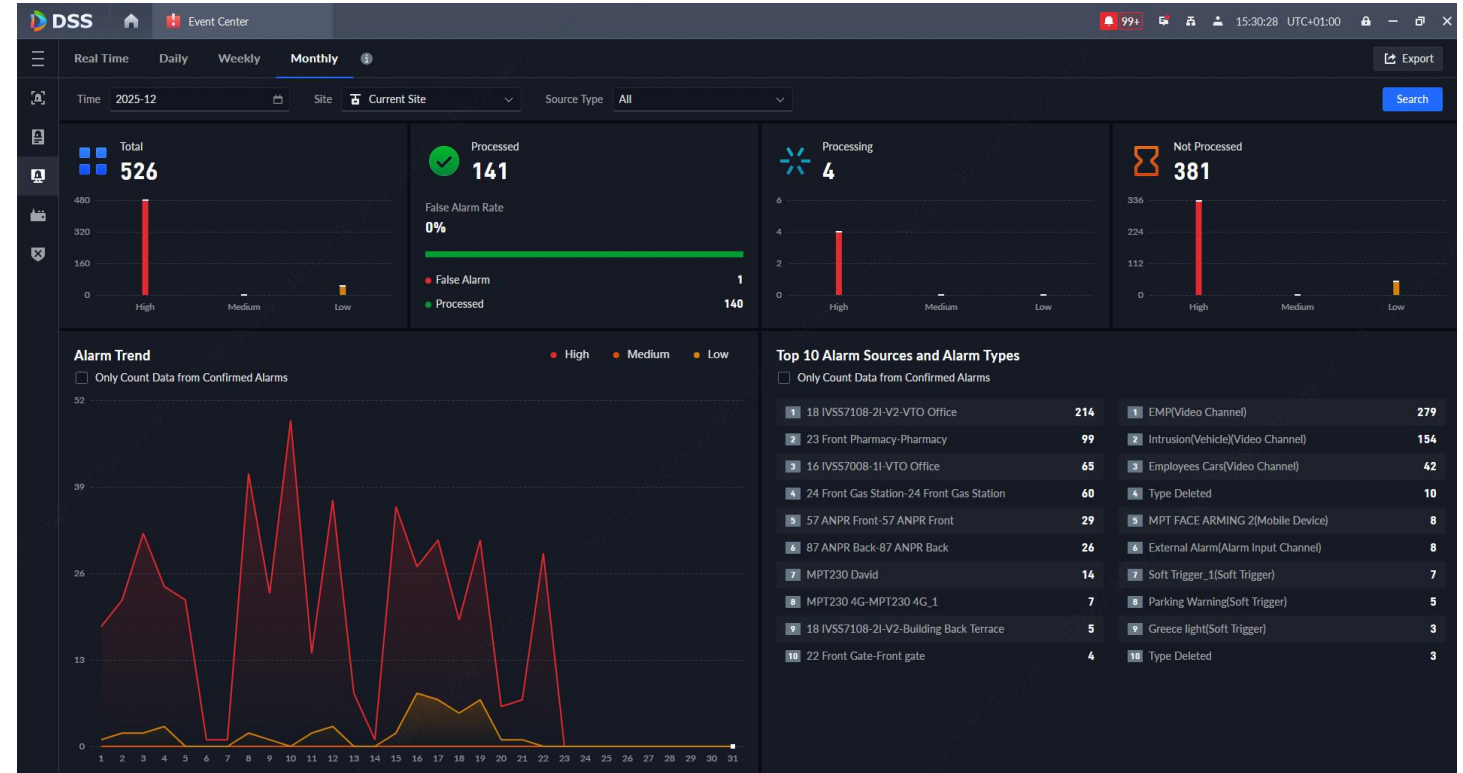
Event Center – Event History

- Filter events based on Sites, Time, Sources, Priorities, Users who processed them and Statuses
- See how much time operator spent on resolving the alarm
- Directly download Snapshot or Recordings
- View event source on the map



Event Center – Event Statistics

- Overview of operator's effectiveness
- Easy localization of top alarm sources and types
- Better shifts planning thanks to time filtering = saving money



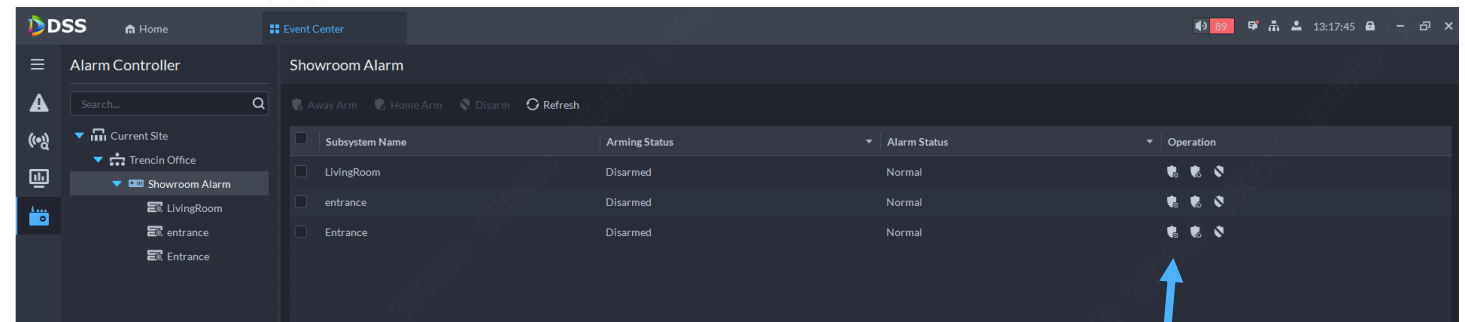
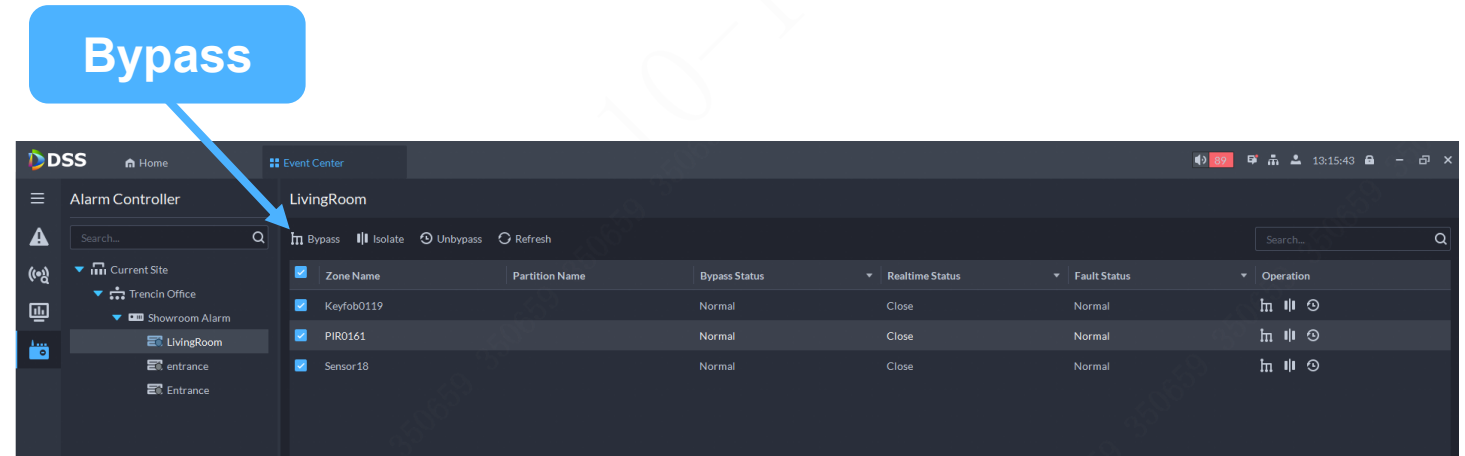
DSS Professional – Wireless Alarm integration

- ARC3000H is integrated since V8.1
- Individual alarms for door detectors, PIRs, panic buttons, keypads, tampers, etc. are supported
- Alarm is initialized in DMSS app and then connected to DSS
- Hub is connected to Dahua Cloud service 24/7



Event Center – Alarm Controller

- Easy management of Alarm Hubs directly from platform
- End User will get notification about every Arming, Disarming and Bypassing
- Create alarms based on Alarm Hub status or Sensors status
- Alarm type includes tamper, low battery, duress, power failure, device offline, etc...



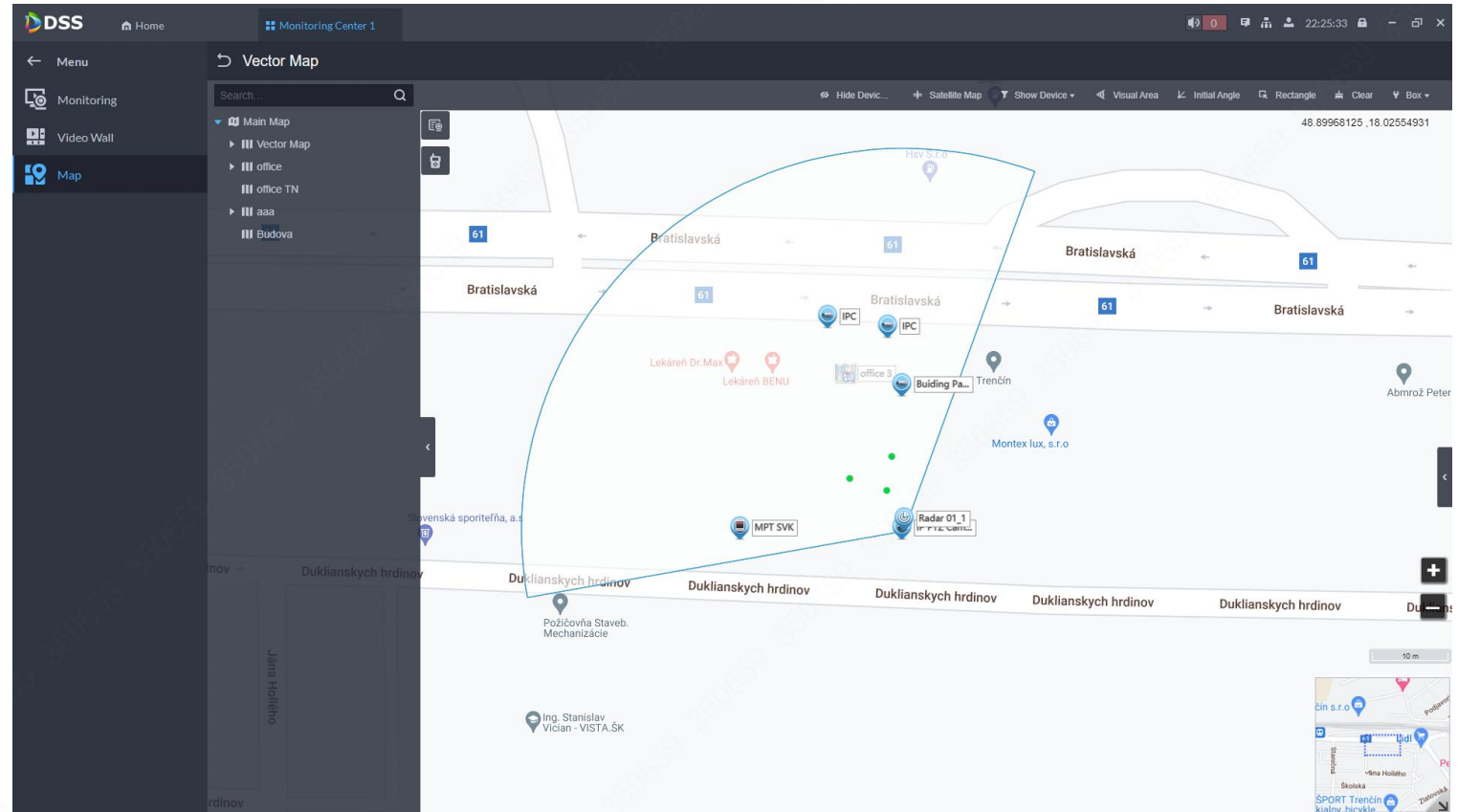
DSS Professional – SIA Protocol Integration

- 3rd party alarm controllers can be connected via SIA (ADM-CID and SIA (DCS))
- Receive alarms about burglary, low battery, tamper, etc.
- Connection via public IP address



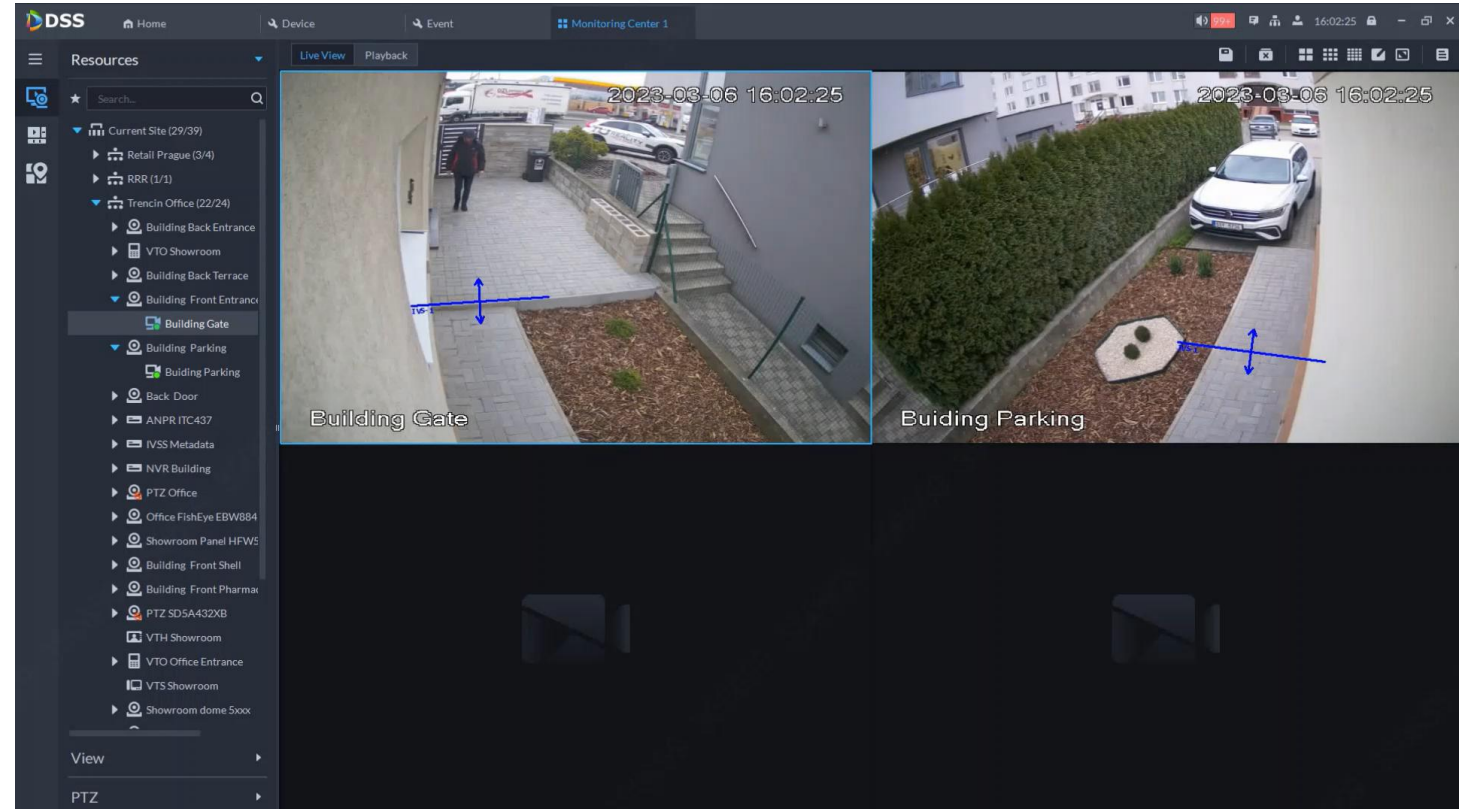
Event Center – Radars

- Since DSS V8.2 we support Dahua Radars
- Link Radar with PTZ and cover larger areas
- Track objects on maps



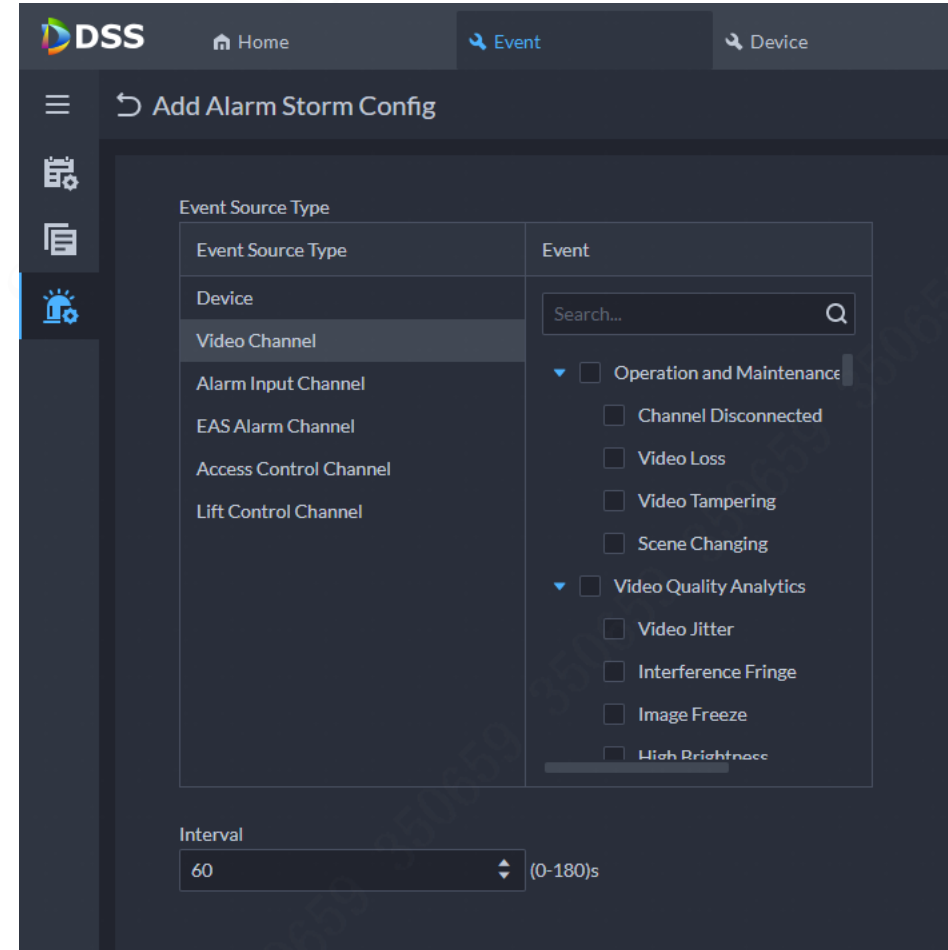
Event Center – Combined Events

- New Combined Event Rule since DSS V8.2
- Set custom time between 0 to 600 seconds
- If only event A or B occurs, alarm is not triggered
- If event A and B occurs outside of set time, alarm is also not triggered
- If event A and B occurs in set time, then alarm is triggered:



Event Center – Alarm Storm Config

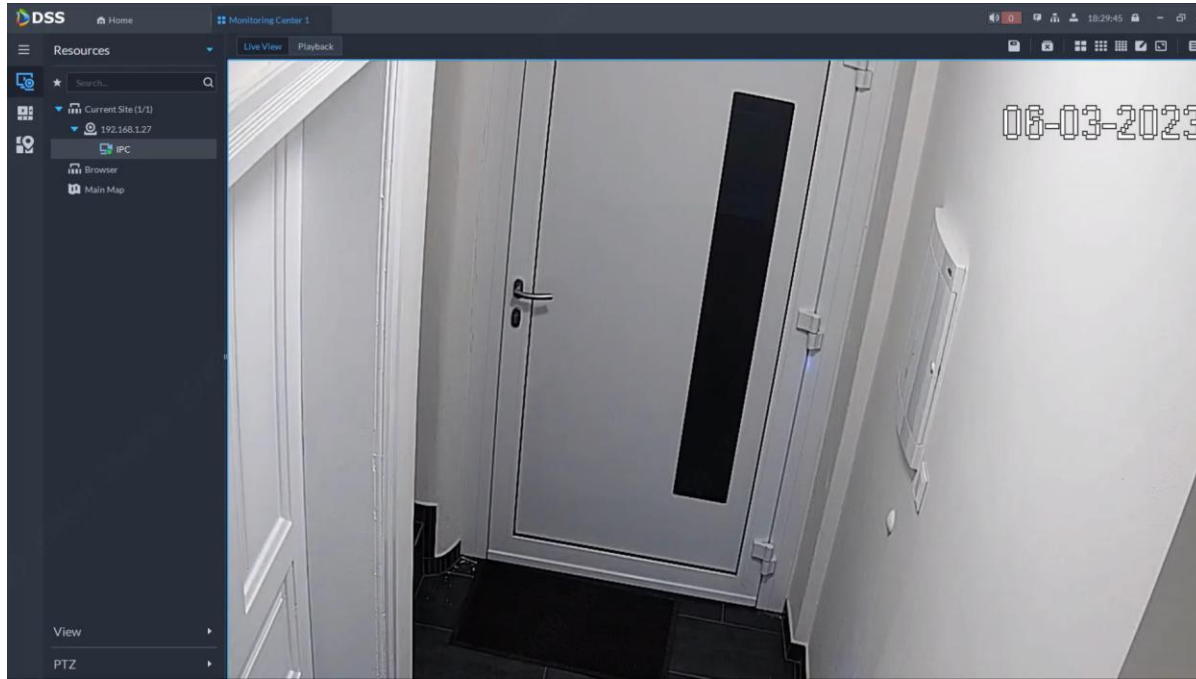
- Since DSS V8.2 we added ability to filter out events that occur in very short intervals
- During set time, the same alarm will not repeat and disturb operators
- Operators can be more focused and less panicked
- Set up this filter the way it fits your needs



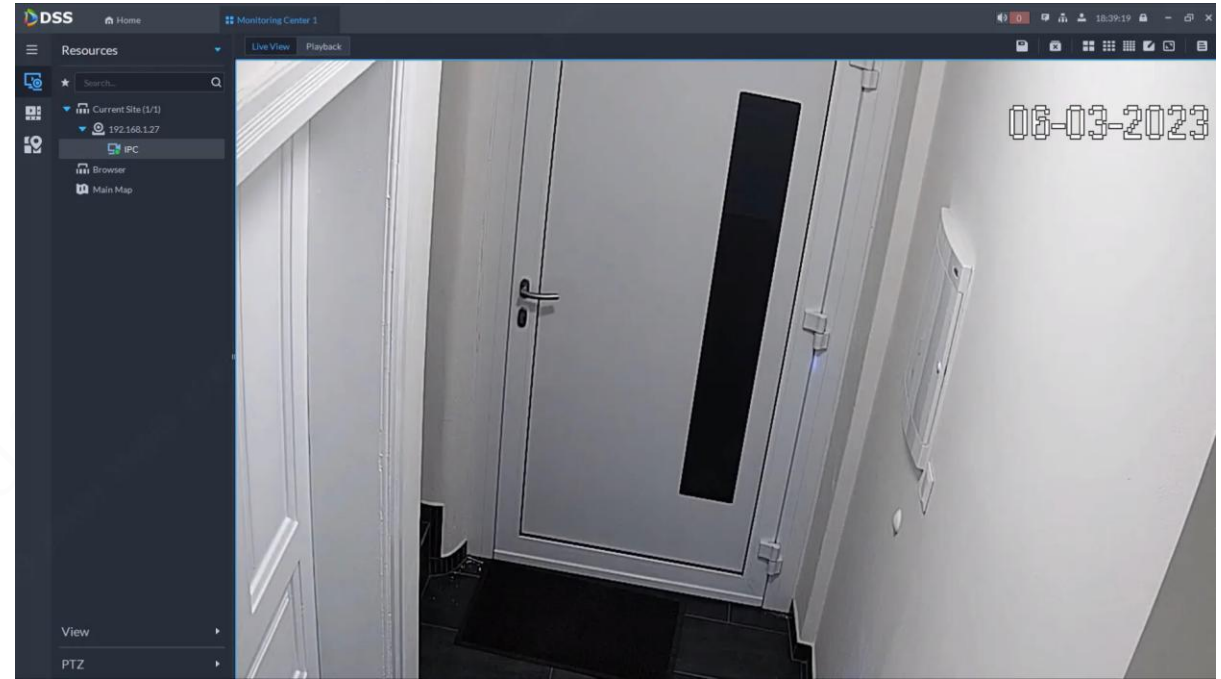
The screenshot shows the 'Add Alarm Storm Config' window in the DSS (Dahua Surveillance System) interface. The window has a dark theme and a sidebar on the left with icons for Home, Event, and Device. The main content area is titled 'Add Alarm Storm Config' and contains the following elements:

- Event Source Type:** A list of event source types with 'Video Channel' selected. The list includes: Device, Video Channel, Alarm Input Channel, EAS Alarm Channel, Access Control Channel, and Lift Control Channel.
- Event:** A search bar and a list of event types. The 'Operation and Maintenance' category is expanded, showing: Channel Disconnected, Video Loss, Video Tampering, and Scene Changing. The 'Video Quality Analytics' category is also expanded, showing: Video Jitter, Interference Fringe, Image Freeze, and High Brightness.
- Interval:** A dropdown menu set to '60' with a range of '(0-180)s'.

Event Center – Alarm Storm Config



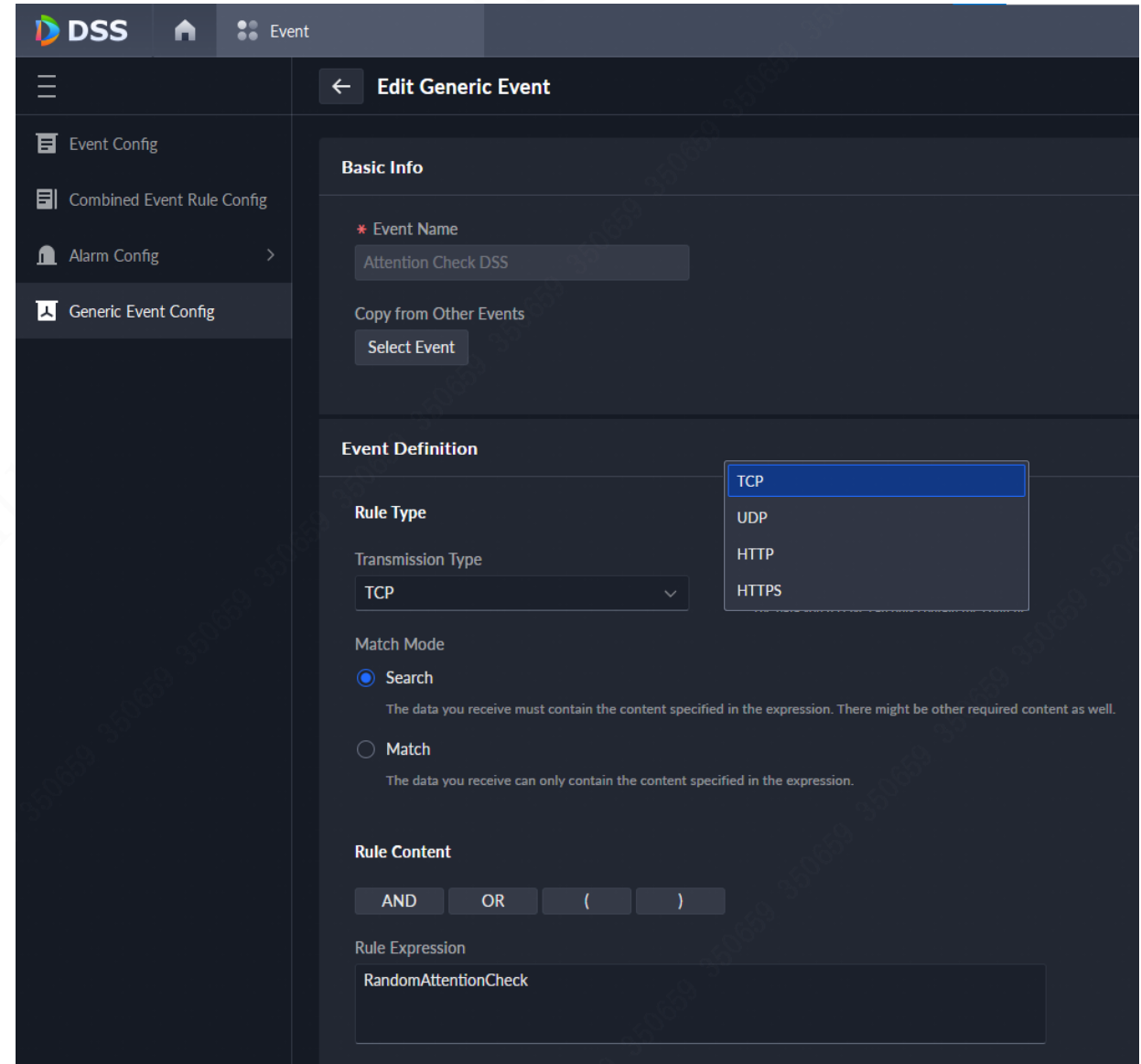
- Alarm Storm Config **OFF**



- Alarm Storm Config **ON**

Event Center – Generic Event

- Since DSS V8.5 we added Generic Event where you can set up anything you need to receive from 3rd party platforms
- Receive strings via TCP, UDP, HTTP or HTTPS
- Select Search or Match mode to filter out possible false alarms
- Adjust rule content according to your needs
- Integrate smart homes, fire alarm systems, alarms from 3rd party manufacturers



The screenshot shows the 'Edit Generic Event' configuration page in the DSS (Dahua Surveillance System) interface. The page is divided into a left sidebar and a main content area.

Left Sidebar:

- Event Config
- Combined Event Rule Config
- Alarm Config
- Generic Event Config (selected)

Main Content Area:

Edit Generic Event

Basic Info

- * Event Name:** Attention Check DSS
- Copy from Other Events:** Select Event

Event Definition

- Rule Type:** TCP (selected from a dropdown menu showing TCP, UDP, HTTP, HTTPS)
- Transmission Type:** TCP
- Match Mode:**
 - ☒ Search: The data you receive must contain the content specified in the expression. There might be other required content as well.
 - ☐ Match: The data you receive can only contain the content specified in the expression.

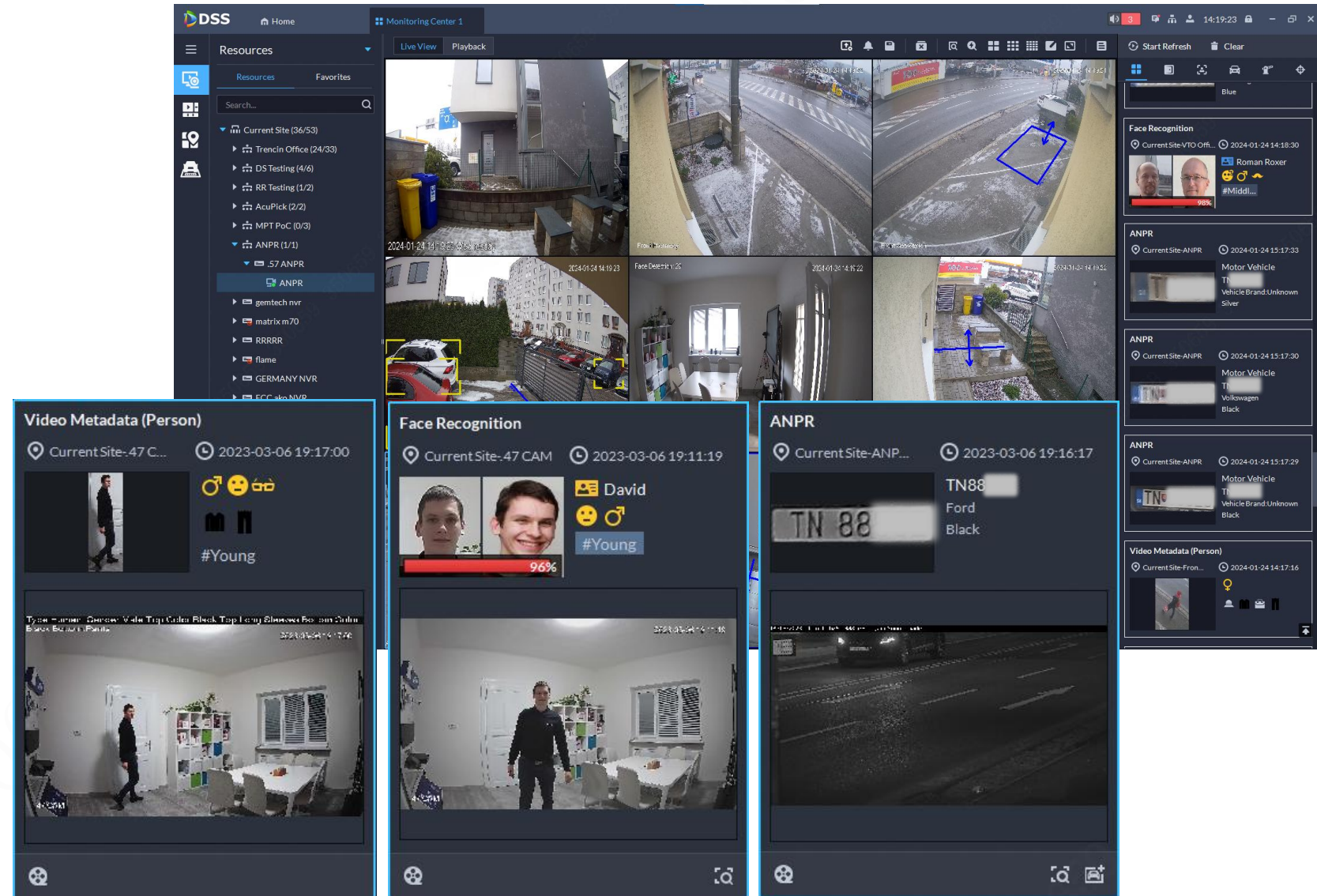
Rule Content

AND OR ()

Rule Expression: RandomAttentionCheck

DSS Professional powered by AI

- See important data on side panel
- Video Metadata
 - Alarm from non-matching clothes
 - Alarm when safety is compromised
- Face recognition
 - Alarm on “Block list”
 - Action on “Allow list”
- Heat Maps
- IVS Rules
- People Counting
- ...

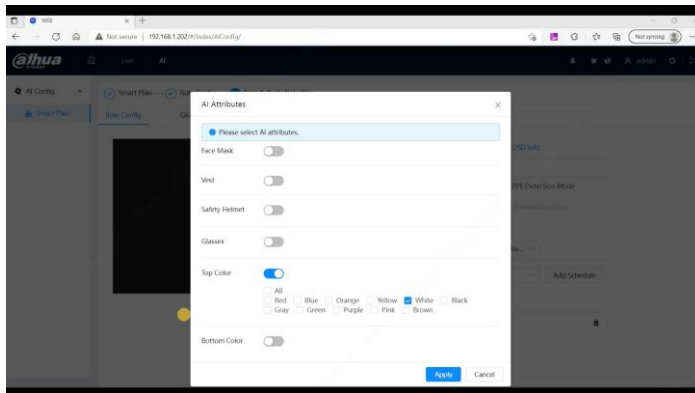


The screenshot displays the DSS Professional software interface, which is a comprehensive security monitoring system. The main window is divided into several sections:

- Top Bar:** Shows the application name 'DSS', a 'Home' button, and the current view 'Monitoring Center 1'. It also includes a status bar with the time '14:19:23' and system icons.
- Left Panel (Resources):** A sidebar containing a search bar and a list of resources categorized by site and device type. The list includes:
 - Current Site (36/53)
 - Trencln Office (24/33)
 - DS Testing (4/6)
 - RR Testing (1/2)
 - AcuPick (2/2)
 - MPT PoC (0/3)
 - ANPR (1/1)
 - .57 ANPR
 - gemtech nvr
 - matrix m70
 - RRRRR
 - flame
 - GERMANY NVR
 - 5CC sio NVR
- Main View (Live View):** A grid of video feeds from various cameras. Some feeds show outdoor scenes with buildings and streets, while others show indoor scenes like a living room. A blue bounding box is visible on one of the outdoor feeds, indicating object detection.
- Right Panel (AI Analysis):** A vertical stack of panels providing detailed analysis of the video feeds:
 - Face Recognition:** Shows a current site 'VTO Off' and a timestamp '2024-01-24 14:18:30'. It displays a face image and identifies the person as 'Roman Rorer' with a confidence score of 98%.
 - ANPR (Automatic Number Plate Recognition):** Shows a current site 'ANPR' and a timestamp '2024-01-24 15:17:33'. It identifies a 'Motor Vehicle' as a 'Volkswagen Black'.
 - Video Metadata (Person):** Shows a current site '47 C...' and a timestamp '2023-03-06 19:17:00'. It displays a person's image and identifies them as '#Young'.
- Bottom Panels:** Two larger panels at the bottom provide more detailed views:
 - Face Recognition (Detailed):** Shows a current site '47 CAM' and a timestamp '2023-03-06 19:11:19'. It displays two face images and identifies the person as 'David' with a confidence score of 96%.
 - ANPR (Detailed):** Shows a current site 'ANPR...' and a timestamp '2023-03-06 19:16:17'. It displays a license plate 'TN 88' and identifies the vehicle as a 'Ford Black'.

DSS Professional – Color Matching

- Set required colors for upper part and bottom part of recognized person
 - If the colors are not matching, event is triggered
-
- Supported camera: IPC-HFW7442HP-Z



DSS Professional – Safety and Security

- Reflection vest detection
- Safety helmet detection
- Face mask detection
- Possibility to create custom alarm in order to increase safety
- Supported camera: IPC-HFW7442HP-Z



DSS Professional – IP Speakers

- 2-way communication in real-time
- Link any event to the IP Speaker
- See audio files in DSS and choose which one should be played in case of an event
- Supported speakers: VCS-SH30, TOA

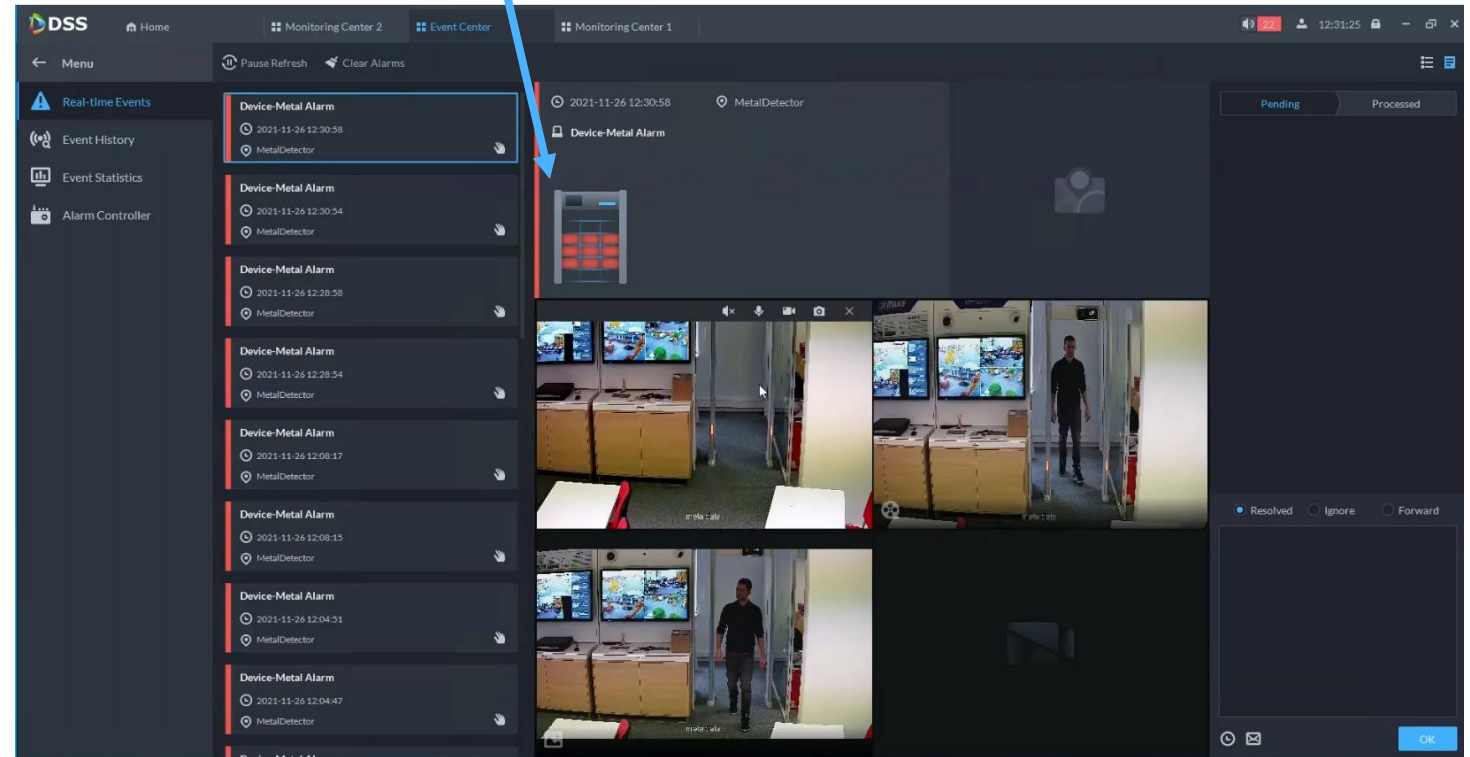


DSS Professional – Metal Detection

- Event based on metal detector
- Position of detected metal is showed in DSS
- Event can be customized with added cameras or audio sirens

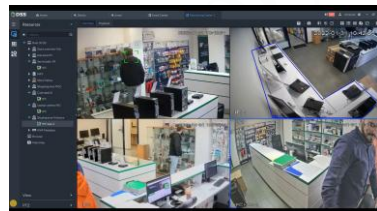


Detected zones



DSS Professional – working with MPT devices

- MPT220 and MPT320 fully integrated in DSS Pro
- SOS button on MPT220 supported
- Fall detection and SOS button on MPT320 supported
- Automatic downloading after MPT connects to a Wi-Fi or direct upload via mobile data
- Possibility to use Data Collection Station EEC300 with MPT220
- Possibility to use Docking Base with MPT320



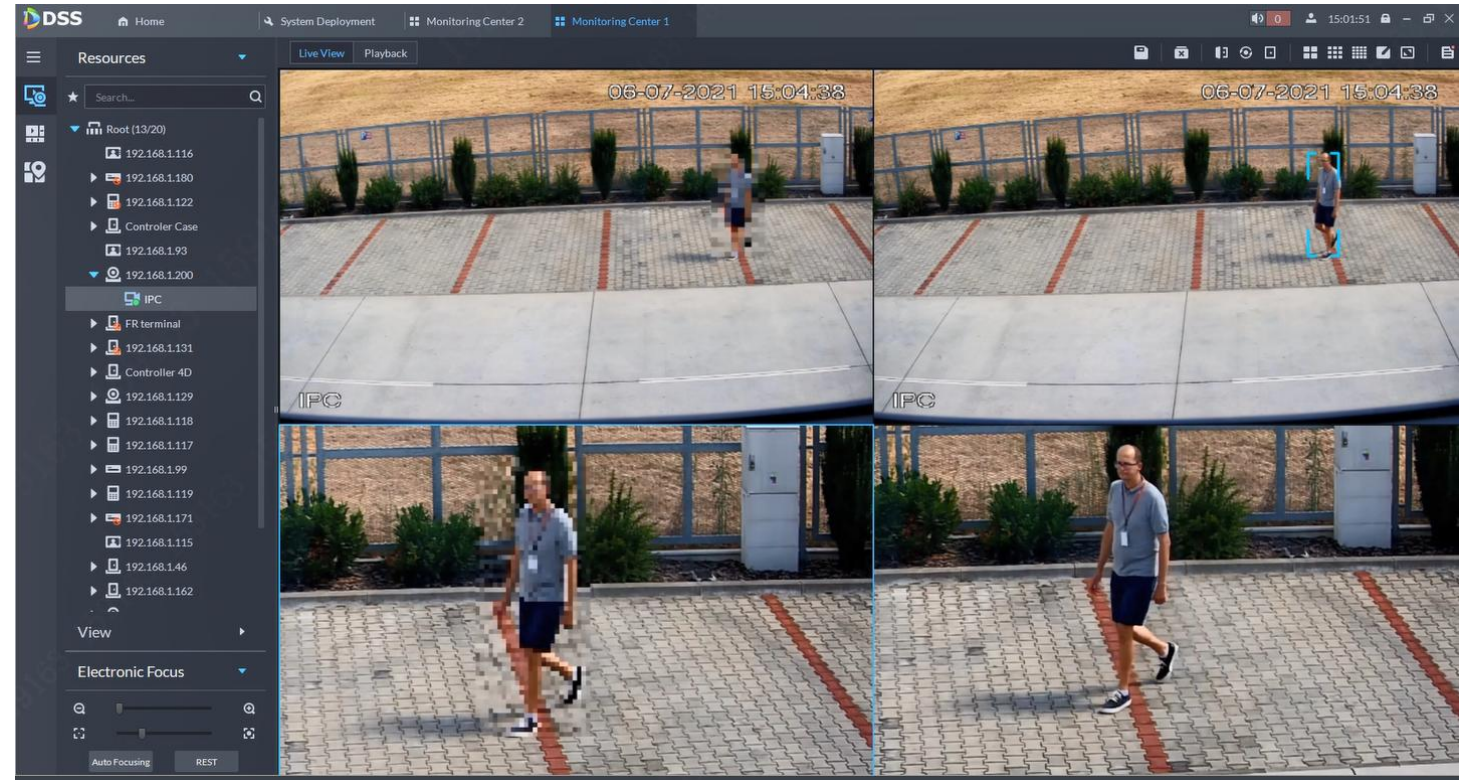
DSS Professional – Mobile NVR

- Added ability to track MNVR device online
- Live view from the cameras connected to MNVR



DSS Professional – Privacy is important

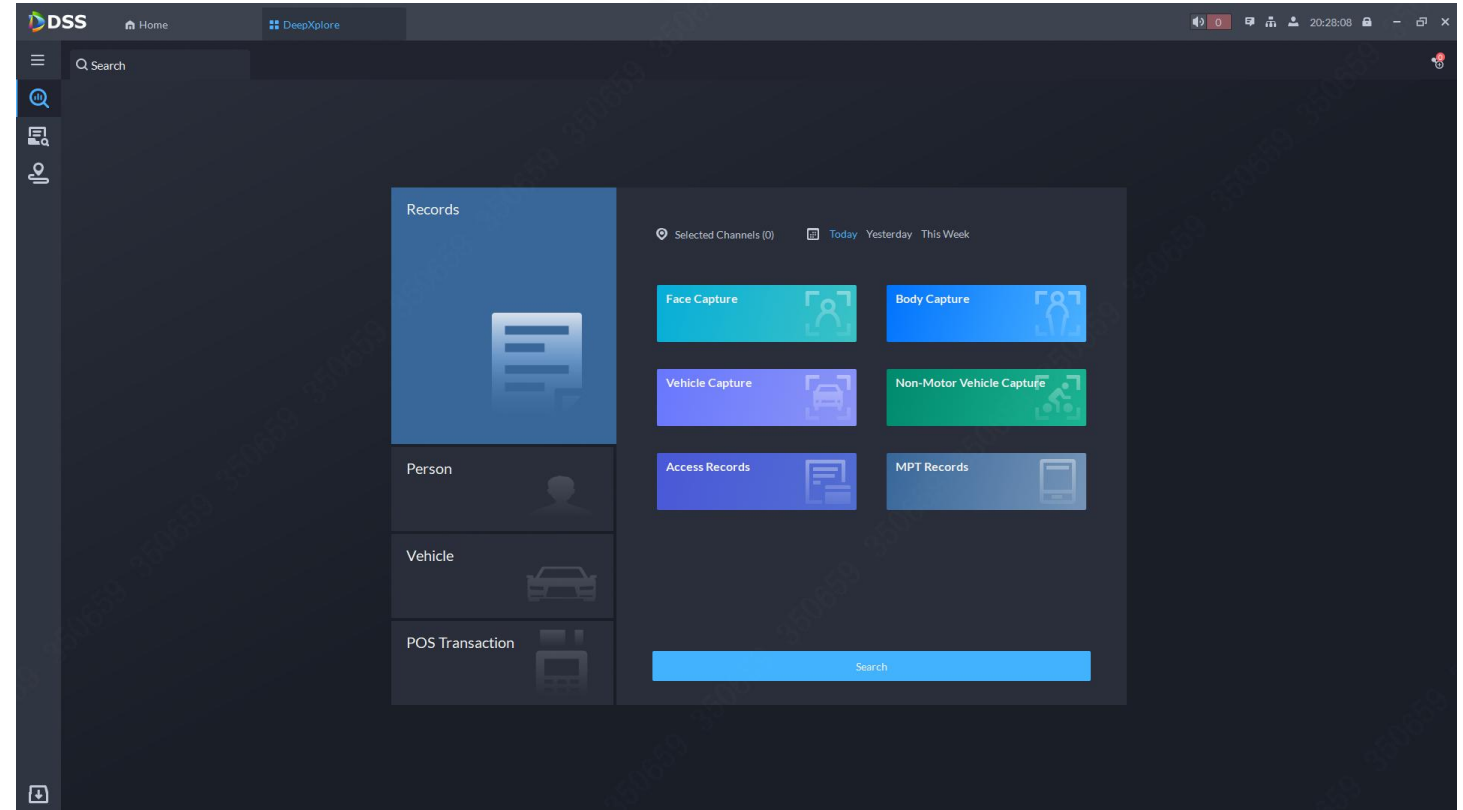
- Privacy masking needs to be enabled on camera
- Only authorized personnel can turn OFF or ON the masking
- Available in exported videos
- Supported cameras:
HFW7442
HDBW7442



DSS Pro – Privacy masking
Privacy is important but sometimes you need details

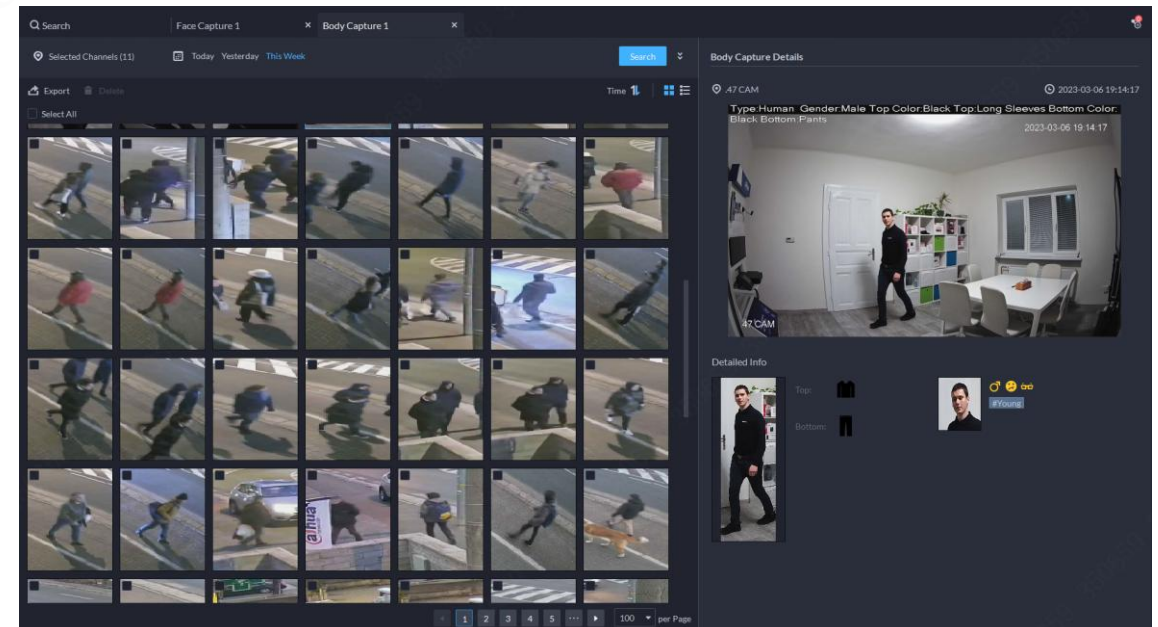
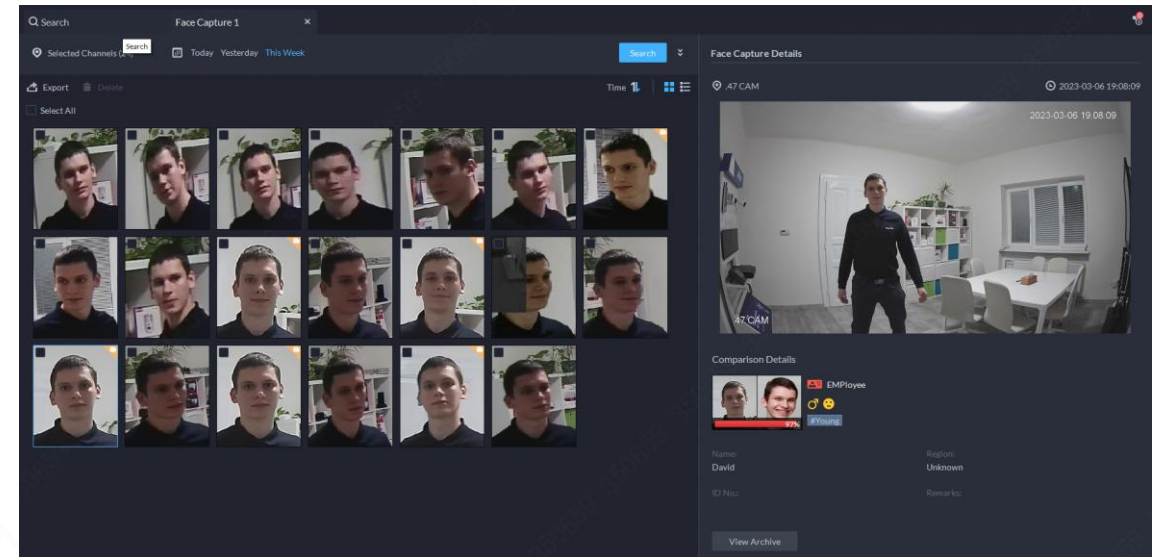
What is possible with DeepXplore?

- Faster and easier searching
- Intelligent retrieval of target humans and vehicles
- Easily search for:
 - Faces
 - Body Metadata
 - Vehicles
 - Access Control records
 - POS Transactions
 - MPT tracking



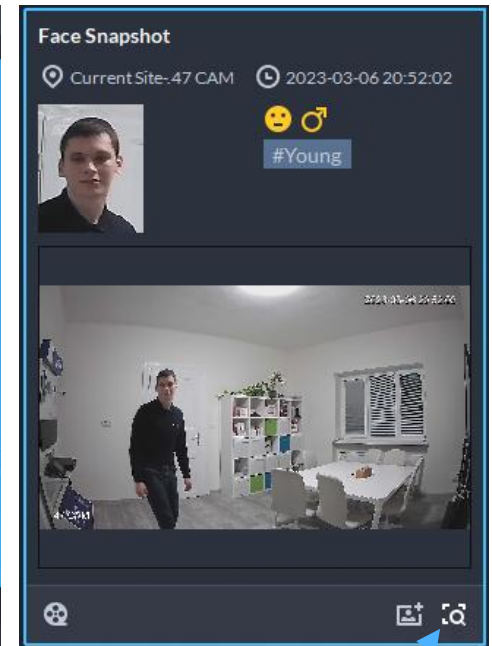
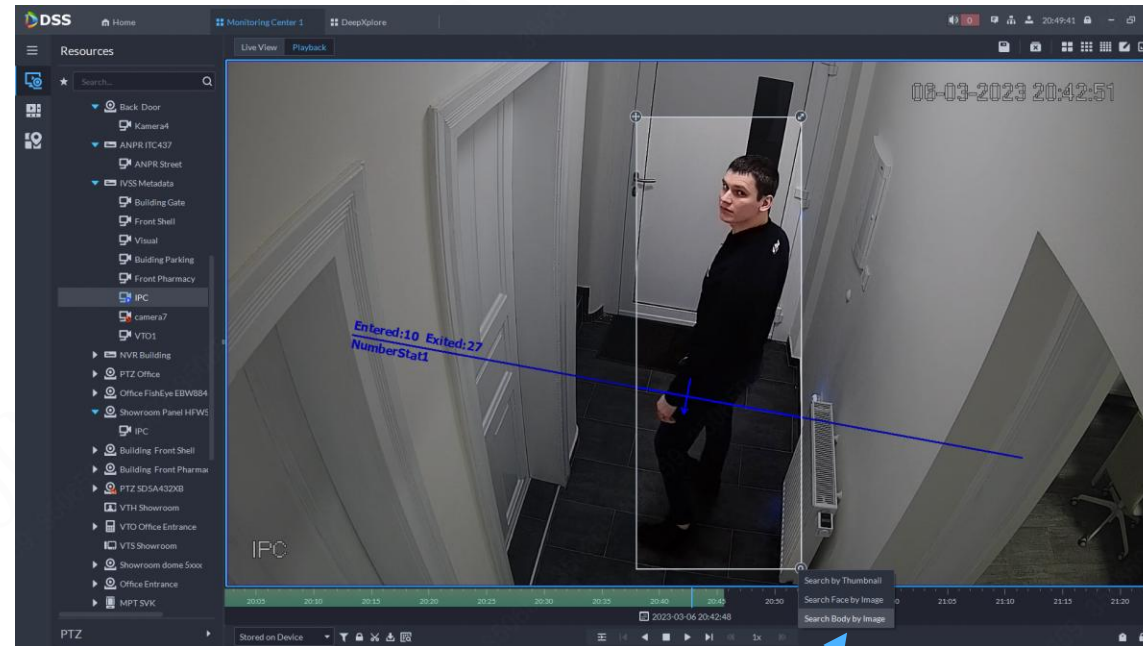
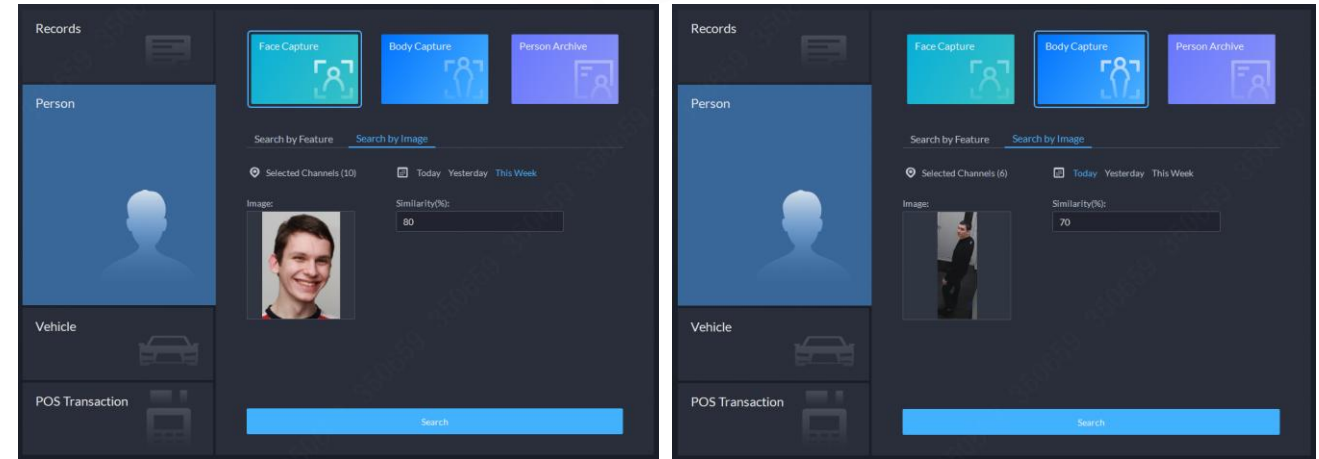
DeepXplore – search for a person

- Filter person based on:
 - Age
 - Gender
 - Face Mask
 - Beard
 - Glasses
 - Top clothes type and color
 - Bottom clothes type and color
 - Hat
 - Bag



DeepXplore – search for a person

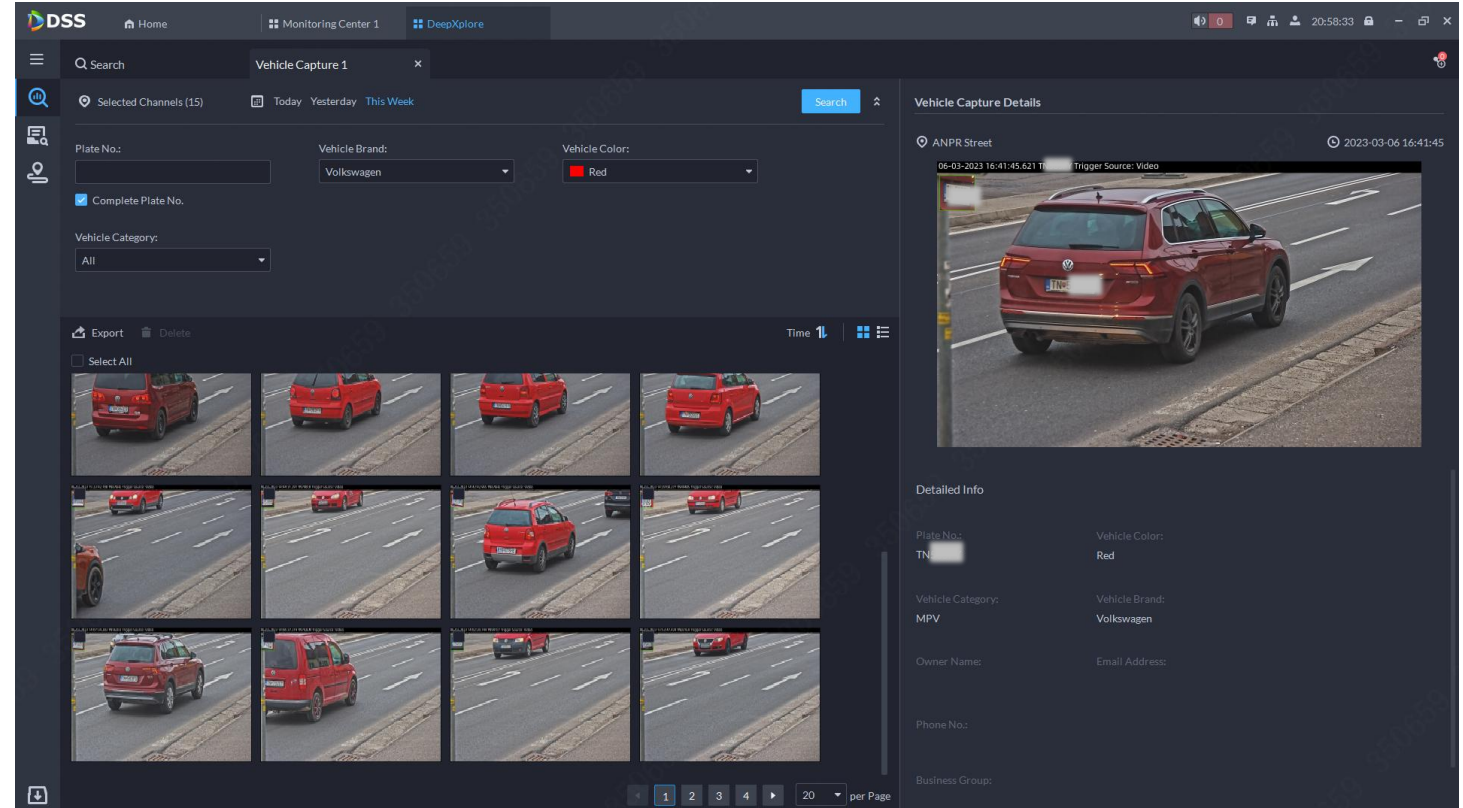
- Possibility to search by image for face and body
- Supported IVSS device needed



DeepXplore – search for vehicle

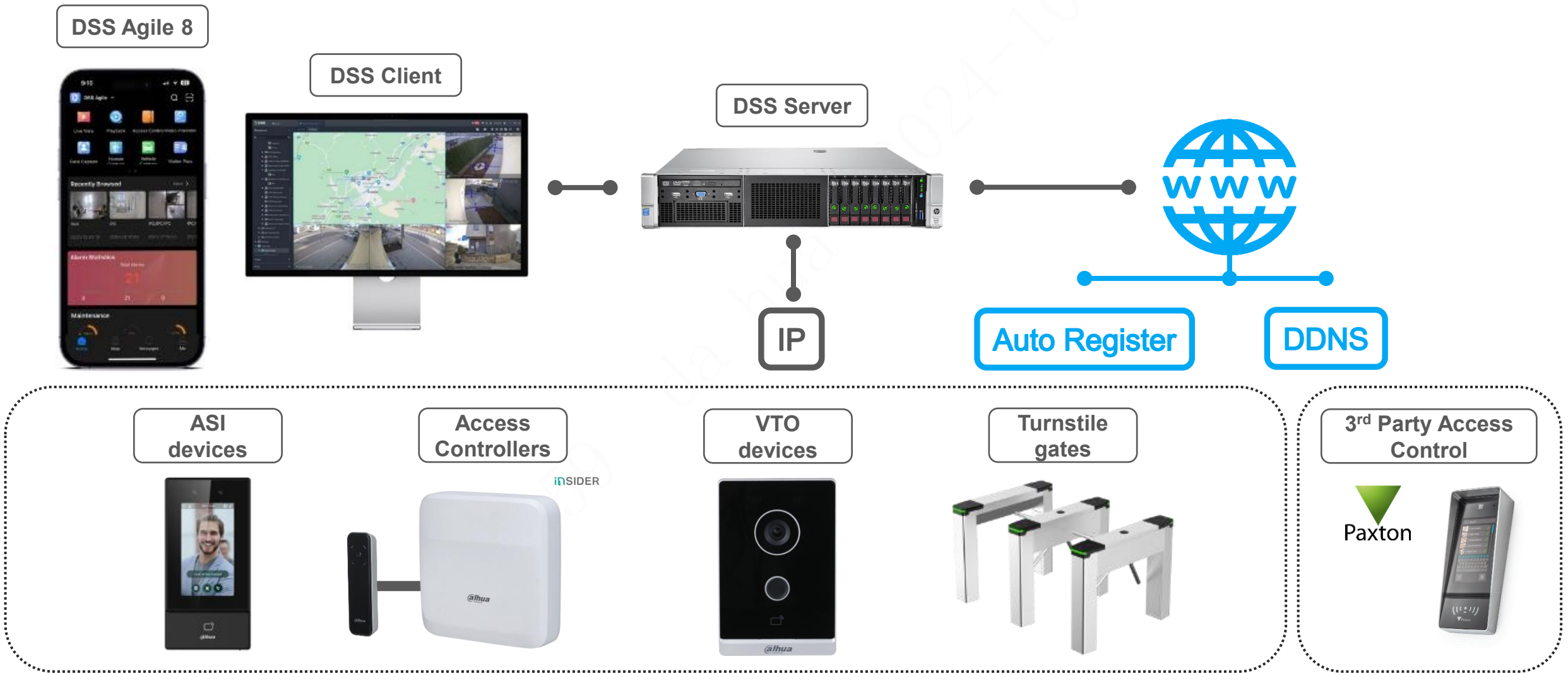
Search by:

- License Plate (complete or partial)
 - Vehicle Brand
 - Vehicle Color
 - Vehicle Category
-
- License plate is also captured in upper left corner
 - Result is saved as a short video



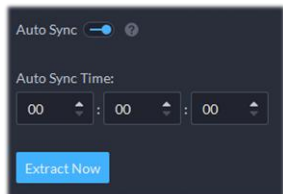
Access Control - How does it work with DSS?

- DSS unifies access control devices in one system



Access Control - details

- Supports Dahua AC (2nd gen and above)
- Open door from DSS Client, DSS Agile 8 app or DSS Agile VDP
- Create alarms when non-authorized person tries to open a door
- Schedule access
- Create custom door groups
- Appoint visitors from DSS Client or DSS Agile 8
- Since DSS V8.2 you can set automatic synchronization from devices that were offline



iNSIDER



Access Control – Easy Management

- Multiple screen layouts allow operator to have full control over access management on second monitor
- Global control for multiple door supported – usable in case of fire for evacuation or for building lockdown

The screenshot shows the DSS Access Management interface. On the left is a sidebar menu with options: Menu, Access Control, Access Control Panel, Access Records, Video Intercom, and Visitor. The main area displays a grid of access points with status indicators (Normally Open, Normally Closed, No Authentication Mode, Authentication Mode, Lock Mode). Below this grid are three large blue buttons: 'Door offline', 'Verification', and 'Door and Lift'. At the bottom is an 'Event' table with columns: Event Type, Event, Time, Zone, Access Point, Person, ID, and Entered/Exited. Annotations include: 'Exceptions and Alarms notifications' pointing to the Event table; 'Door offline' and 'Verification' pointing to their respective buttons; 'Door and Lift' pointing to its button; and 'Detailed info' pointing to the 'Event Detail' panel on the right. The 'Event Detail' panel shows a 'Snapshot' of a person's face, a 'Recording' status, and a 'Live View' of the same person. Below this, it shows 'Valid Face Unlock' status as 'Normal', the time '2023-11-16 13:51:05', the access point '.98 ASI Showroom_ASI Showr...', and the person's details: 'David Siegel', ID '42605653', and contact info 'Dahua Employees' and '+421910904739'.

Event Type	Event	Time	Zone	Access Point	Person	ID	Entered/Exited
Normal	Valid Swipe	2023-11-16 13:48:...	Site	.98 ASI Showroom_...	David Siegel	42605653	In
Exception	Stranger (Card)	2023-11-16 13:48:...	Site	.98 ASI Showroom_...			In
Normal	Authentication on ...	2023-11-16 13:47:...	Site	.52 Lift Controller_...	David Siegel	42605653	
Normal	Authentication on ...	2023-11-16 13:29:...	Site	.52 Lift Controller_...		11111111	
Alarm	Device Tamper Ala...	2023-11-16 13:28:...					In

Access Control – Easy Management

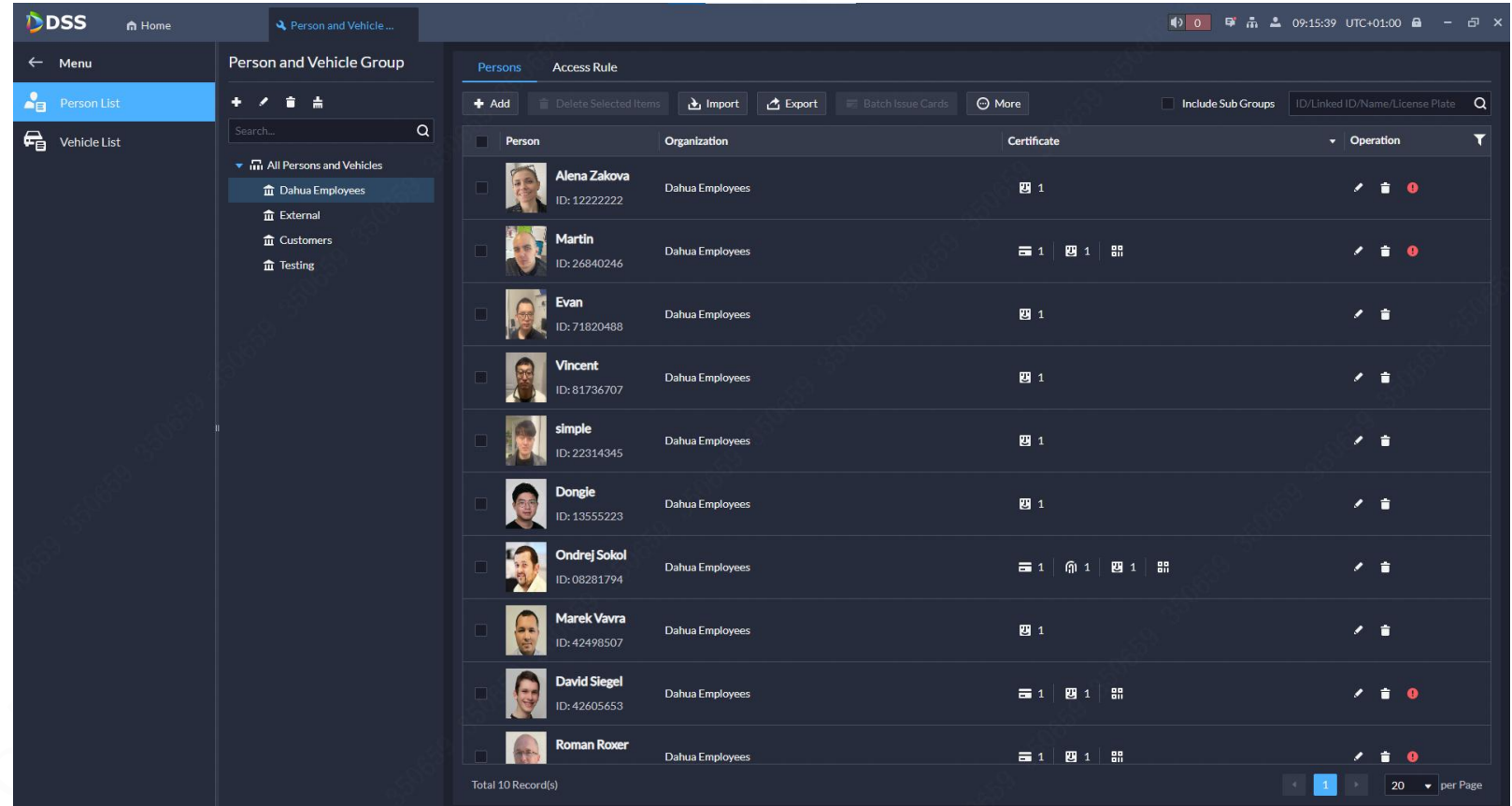
- Easy video channel binding for a better overview

The screenshot displays the DSS Access Management interface. The top navigation bar includes 'Home' and 'Access Management'. The left sidebar contains 'Menu', 'Access Control', 'Access Records', 'Video Intercom', and 'Visitor'. The main area shows a floor plan with a pop-up for '.26 VTO Office_Door1' displaying its name and zone. Below the floor plan is an 'Event' table with columns for Event Type, Event, Time, Zone, Access Point, Person, ID, Entered/Exited Status, and Operation. The bottom right corner shows a user profile for David Siegel with a photo and ID number 42605653.

Event Type	Event	Time	Zone	Access Point	Person	ID	Entered/Exited Status	Operation
Normal	Platform Remote ...	2023-11-16 14:15:...	Dahua Office TN	.26 VTO Office_Do...			In	⌂
Normal	Valid Face Unlock	2023-11-16 13:51:...	Site	.98 ASI Showroom_...	David Siegel	42605653	In	⌂
Normal	Valid Face Unlock	2023-11-16 13:50:...	Site	.98 ASI Showroom_...	David Siegel	42605653	In	⌂
Normal	Valid Face Unlock	2023-11-16 13:50:...	Site	.98 ASI Showroom_...	David Siegel	42605653	In	⌂
Normal	Valid Swipe	2023-11-16 13:48:...	Site	.98 ASI Showroom_...	David Siegel	42605653	In	⌂

Access Control – Management of Persons

- Simple user management
- Possibility to import or export users via XLS file
- Ability to pull users from AC device
- Possibility to connect to external database
- Add users in batches
- 1 database for Access Control, Face Recognition, VDPs, Vehicle entrances
- From DSS V8.2 the same list is used for people and vehicles

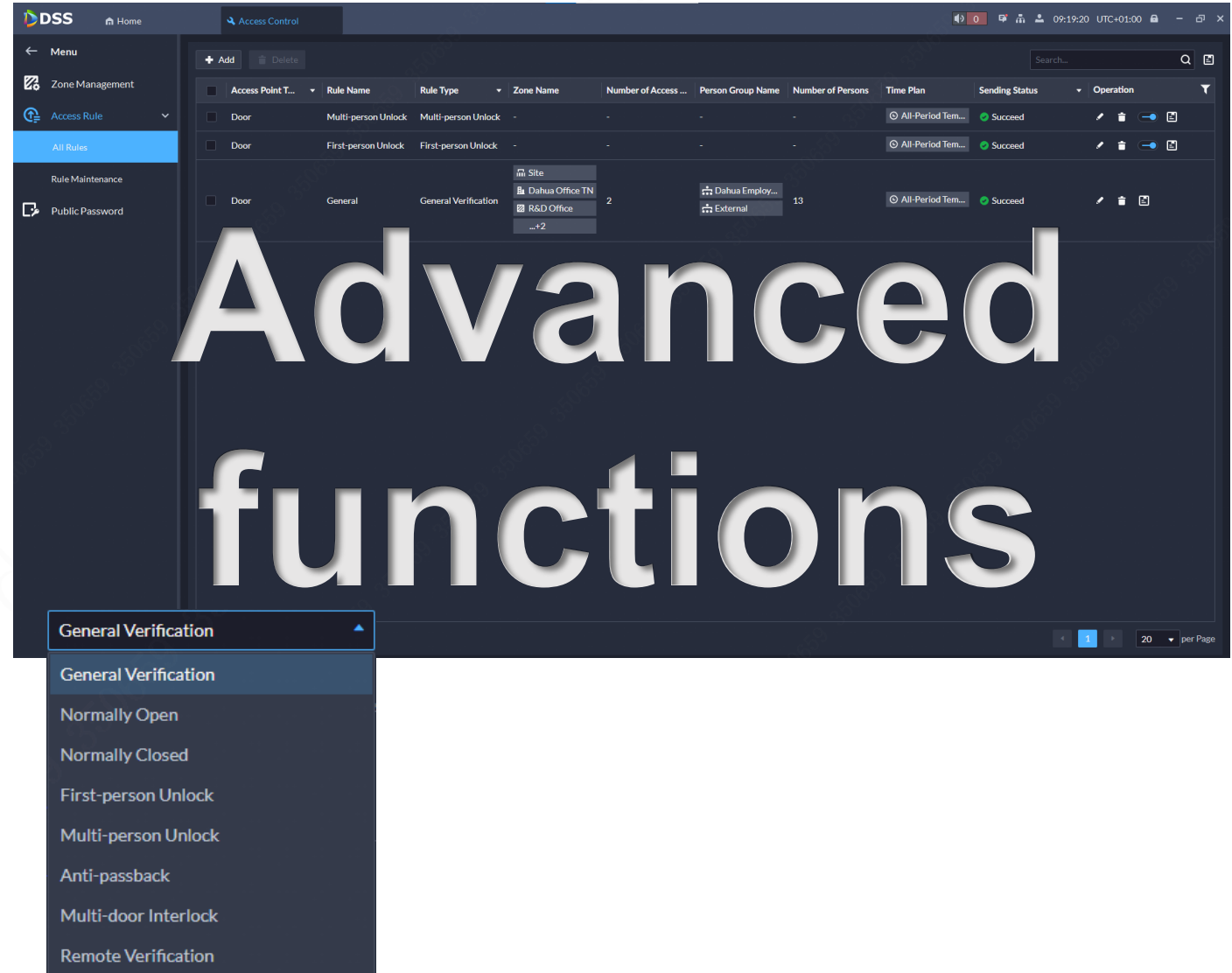


Person	Organization	Certificate	Operation
 Alena Zakova ID: 12222222	Dahua Employees	1	  
 Martin ID: 26840246	Dahua Employees	1 1 1	  
 Evan ID: 71820488	Dahua Employees	1	 
 Vincent ID: 81736707	Dahua Employees	1	 
 simple ID: 22314345	Dahua Employees	1	 
 Dongle ID: 13555223	Dahua Employees	1	 
 Ondrej Sokol ID: 08281794	Dahua Employees	1 1 1 1	 
 Marek Vavra ID: 42498507	Dahua Employees	1	 
 David Siegel ID: 42605653	Dahua Employees	1 1	  
 Roman Roxer ID: 42605653	Dahua Employees	1 1	  

Total 10 Record(s)

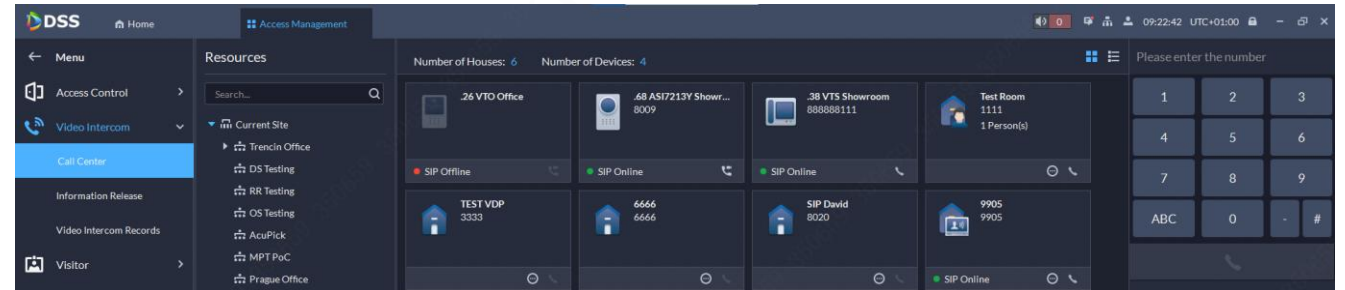
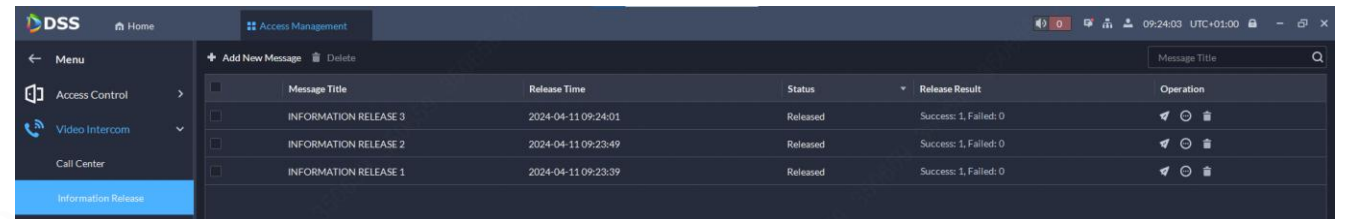
Access Control – Advanced Rules

- **First-person Unlock**
First manager needs to open a door, then everyone else can access
- **Multi-person Unlock**
Two cards from two different groups need to be presented in specified order to open a door
- **Global Anti-passback**
Person needs to enter and/or exit through specific door
- **Global Multi-door Interlock**
Only one door from a group can be opened at the time
- **Remote Verification**
Operator needs to approve access after specified time



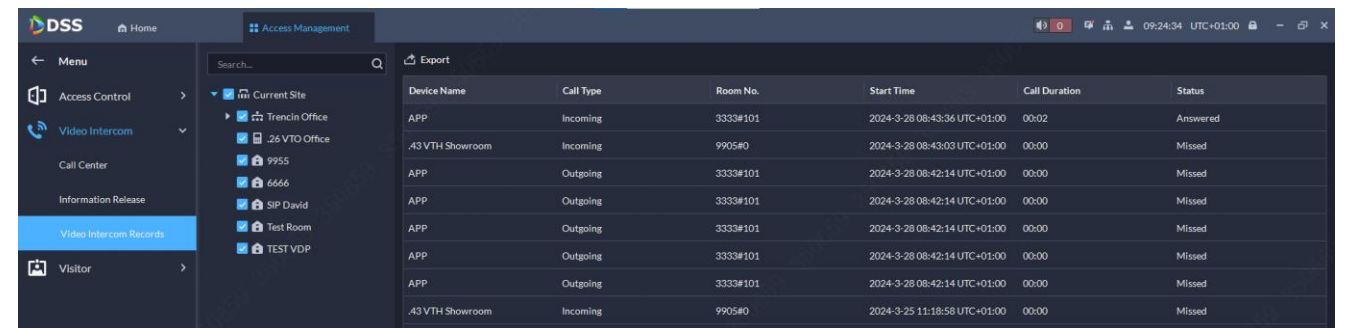
Access Control – Video Intercom

- SIP support
- Multiple buildings settings
- Custom calling groups
- SOS call to DSS Pro
- DSS Client can call any VTH, VTO or VTS unit
- VDP is contained in Access Management
- Possibility to send “Information Release” to VTH units about important situations
- Complete overview of Video Intercom Records

The screenshot shows the 'Information Release' section of the DSS interface. It displays a table with the following data:

Message Title	Release Time	Status	Release Result	Operation
INFORMATION RELEASE 3	2024-04-11 09:24:01	Released	Success: 1, Failed: 0	  
INFORMATION RELEASE 2	2024-04-11 09:23:49	Released	Success: 1, Failed: 0	  
INFORMATION RELEASE 1	2024-04-11 09:23:39	Released	Success: 1, Failed: 0	  

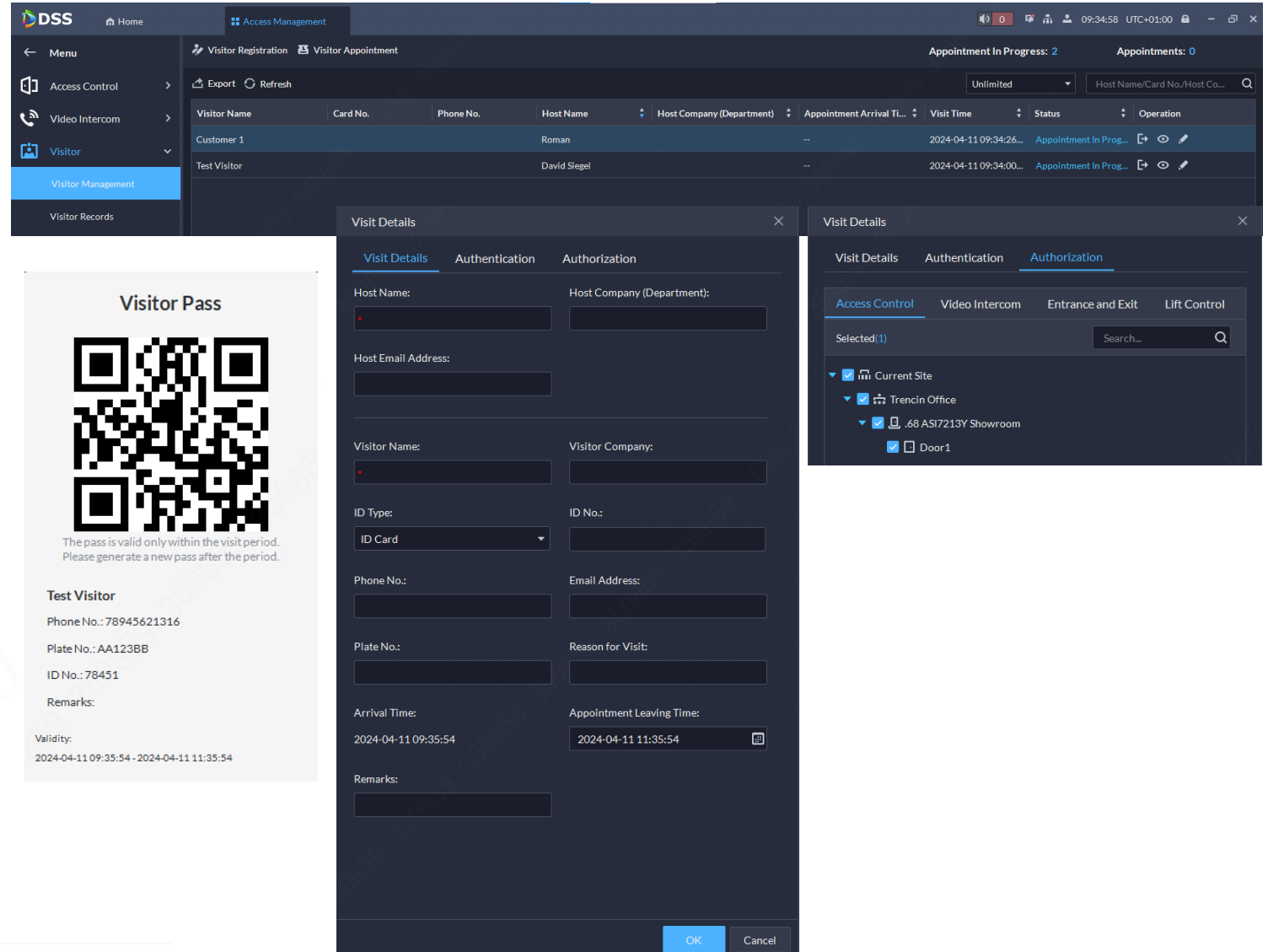


The screenshot shows the 'Video Intercom Records' section of the DSS interface. It displays a table with the following data:

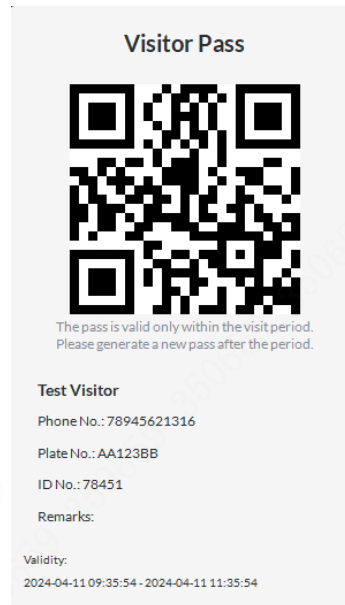
Device Name	Call Type	Room No.	Start Time	Call Duration	Status
APP	Incoming	3333#101	2024-3-28 08:43:36 UTC+01:00	00:02	Answered
43 VTH Showroom	Incoming	9905#0	2024-3-28 08:43:03 UTC+01:00	00:00	Missed
APP	Outgoing	3333#101	2024-3-28 08:42:14 UTC+01:00	00:00	Missed
APP	Outgoing	3333#101	2024-3-28 08:42:14 UTC+01:00	00:00	Missed
APP	Outgoing	3333#101	2024-3-28 08:42:14 UTC+01:00	00:00	Missed
APP	Outgoing	3333#101	2024-3-28 08:42:14 UTC+01:00	00:00	Missed
APP	Outgoing	3333#101	2024-3-28 08:42:14 UTC+01:00	00:00	Missed
43 VTH Showroom	Incoming	9905#0	2024-3-25 11:18:58 UTC+01:00	00:00	Missed

Access Control – Visitor Module

- Visitor module is contained in Access Management for free
- Possible to appoint a visit or register a visitor
- Live view of current visitors
- Possibility to track a visitor
- Create visitor via DSS Agile 8 or DSS Agile VDP app
- Automatic notifications about arrival and leave of visitors



The screenshot displays the DSS Access Management interface. The top navigation bar includes 'Home', 'Access Management', and 'Appointment In Progress: 2'. The left sidebar shows a menu with 'Access Control', 'Video Intercom', 'Visitor', 'Visitor Management', and 'Visitor Records'. The main content area is divided into 'Visitor Registration' and 'Visitor Appointment' sections. A table lists visitors with columns for Name, Card No., Phone No., Host Name, Host Company, Appointment Arrival Time, Visit Time, Status, and Operation. Two visitors are listed: 'Customer 1' (Roman) and 'Test Visitor' (David Siegel). Below the table, there are two 'Visit Details' pop-up windows. The left window shows fields for Host Name, Host Company, Host Email Address, Visitor Name, Visitor Company, ID Type (ID Card), ID No., Phone No., Email Address, Plate No., Reason for Visit, Arrival Time, and Appointment Leaving Time. The right window shows a list of selected sites and doors, including 'Current Site', 'Trencin Office', and 'Door 1'.



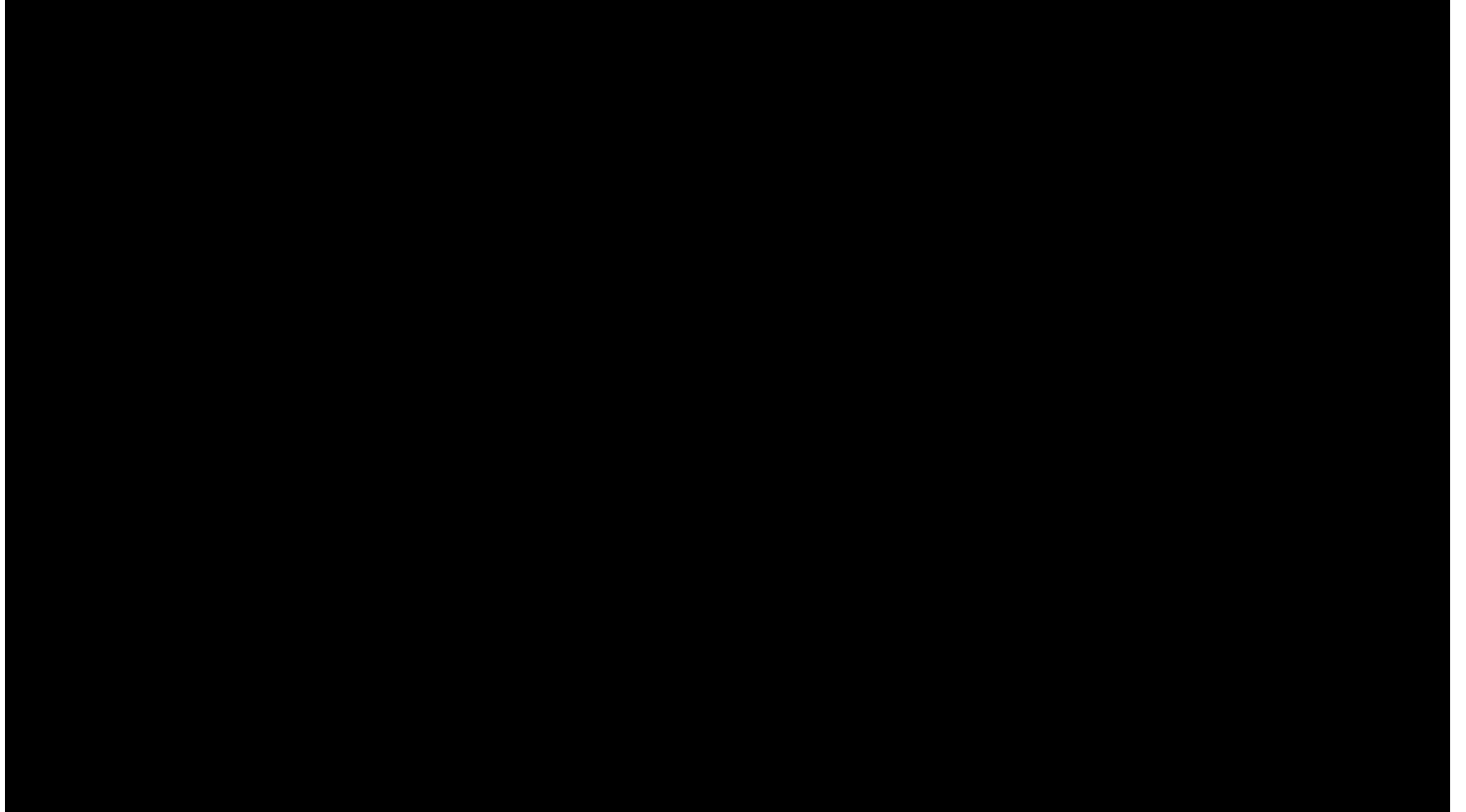
DSS Professional – Parking Lot

- Easy parking management
- Clear Statistics Dashboard
- Search for parking records
- Possibility to create alarms for illegal parking and overtime
- Visualized Parking Lot Map with license plates on every occupied spot



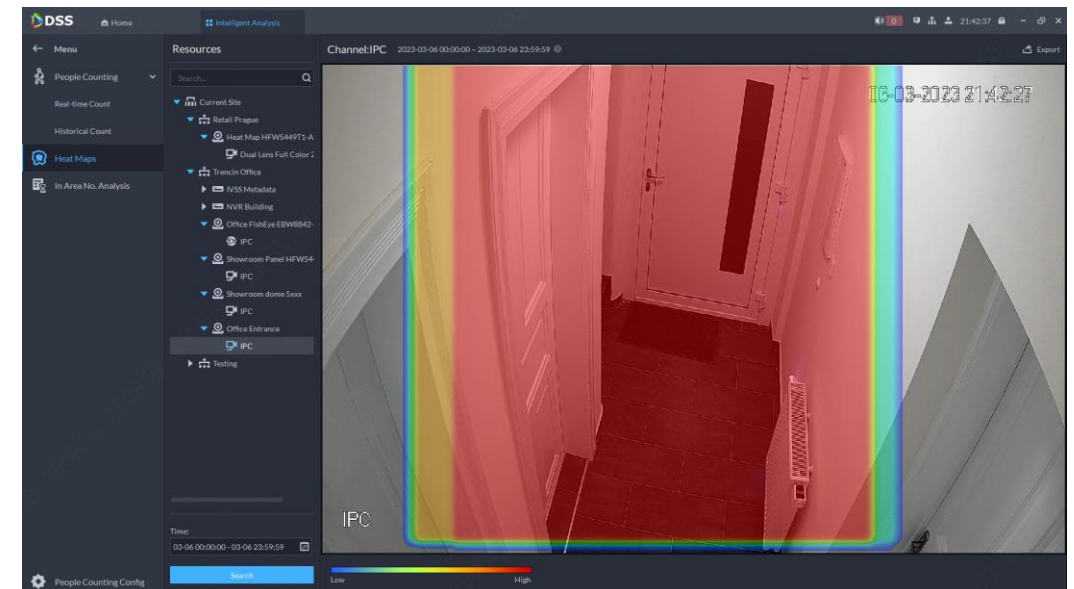
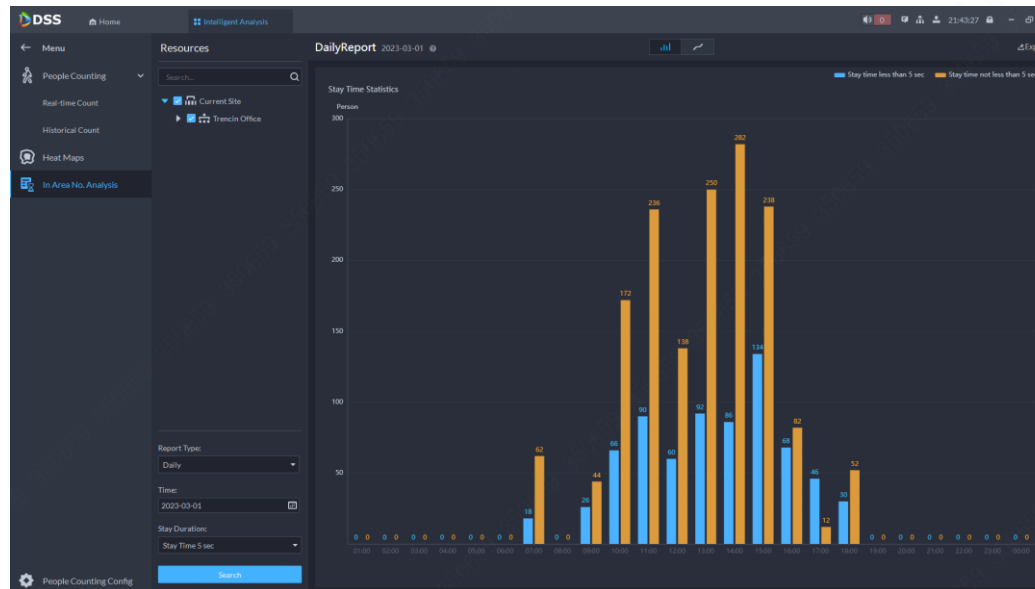
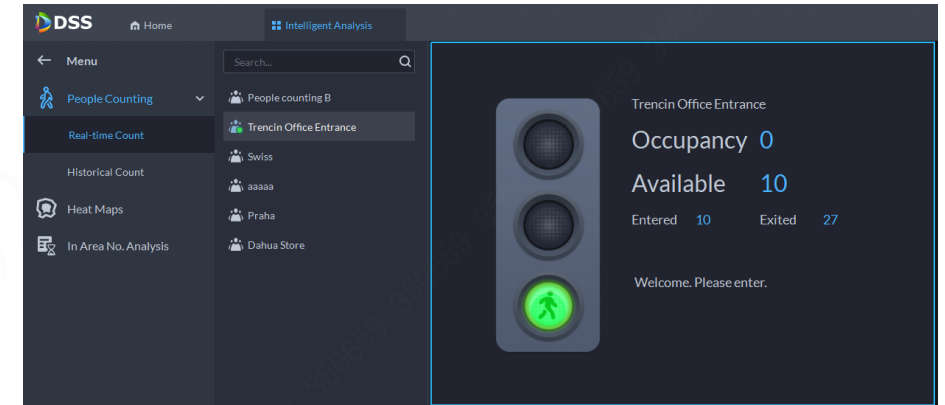
DSS V8.6 Advanced Parking Lot Features

- Choose Layout on Dahua Parking Displays
- 2 Factor Verification Access
- Access granted based on registered vehicle color
- Public Parking Lot without barriers



DSS Professional – Intelligent Analysis

- People Counting Management with historical data
- Heat Maps
- People Counting In Area with filtering stay duration



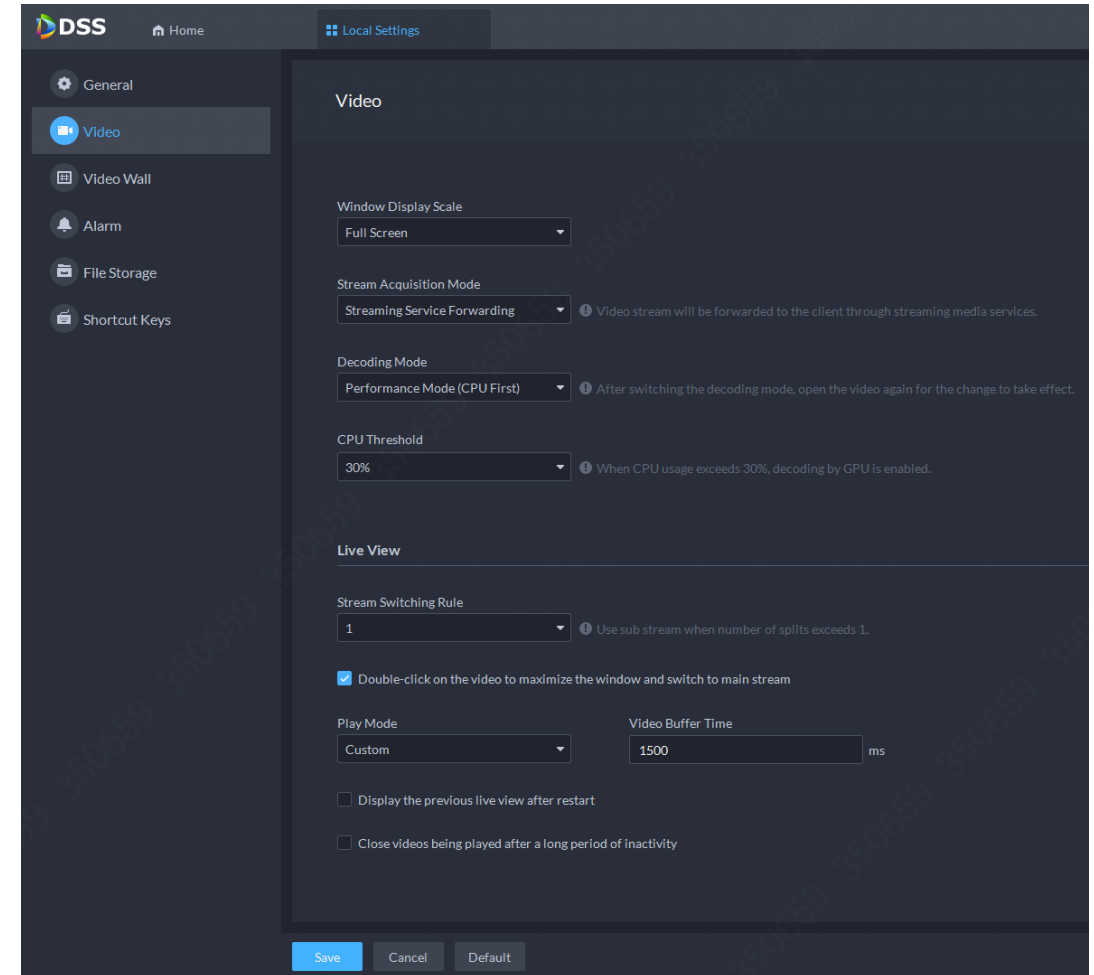
DSS Professional – Maintenance Center

- Overview of system “Health”
- Refreshing after 1 minute
- Possibility to generate reports and send reports every day through e-mail to admins
- Fault statistics
- Updating devices in batches

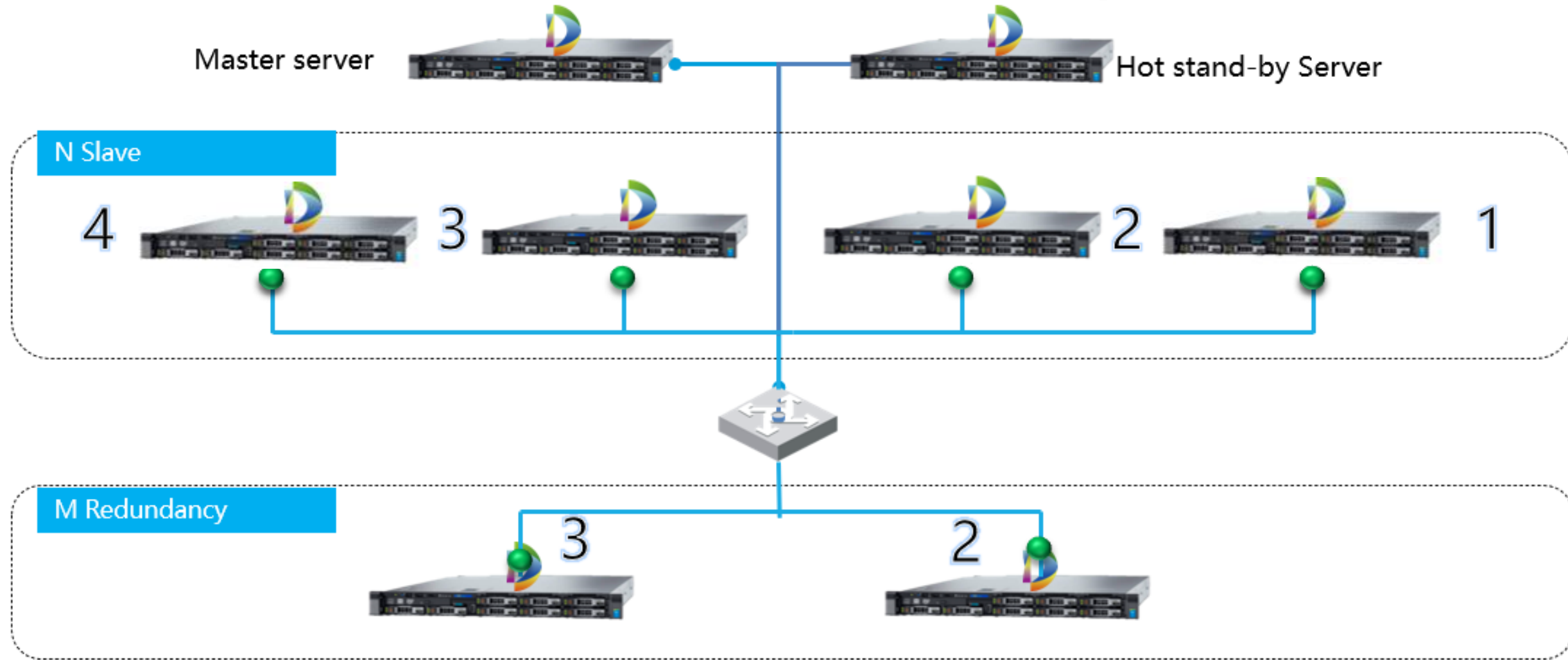


DSS Client – personalize it to your needs

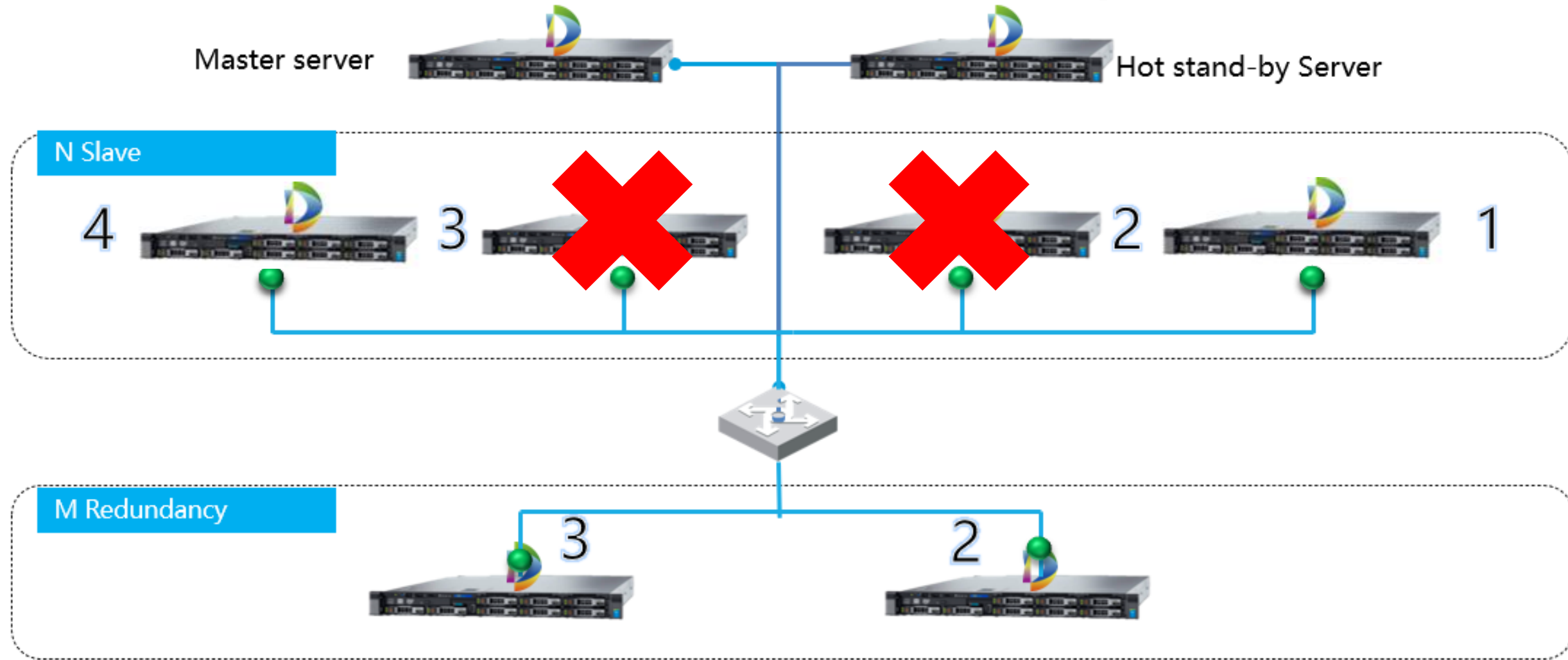
- Set auto run and auto login
- Notifications about CPU usage
- Audio and video transmission encryption
- Auto Lock of DSS Client
- Stream Acquisition Mode
- Decoding mode by CPU, GPU or combined
- Stream switching rule – when should DSS Client switch to Sub Stream automatically
- Play Mode – Real-time Priority, Balance Priority, Fluency Priority or Custom mode with Video Buffer Time
- Custom Alarm Sounds and much more...



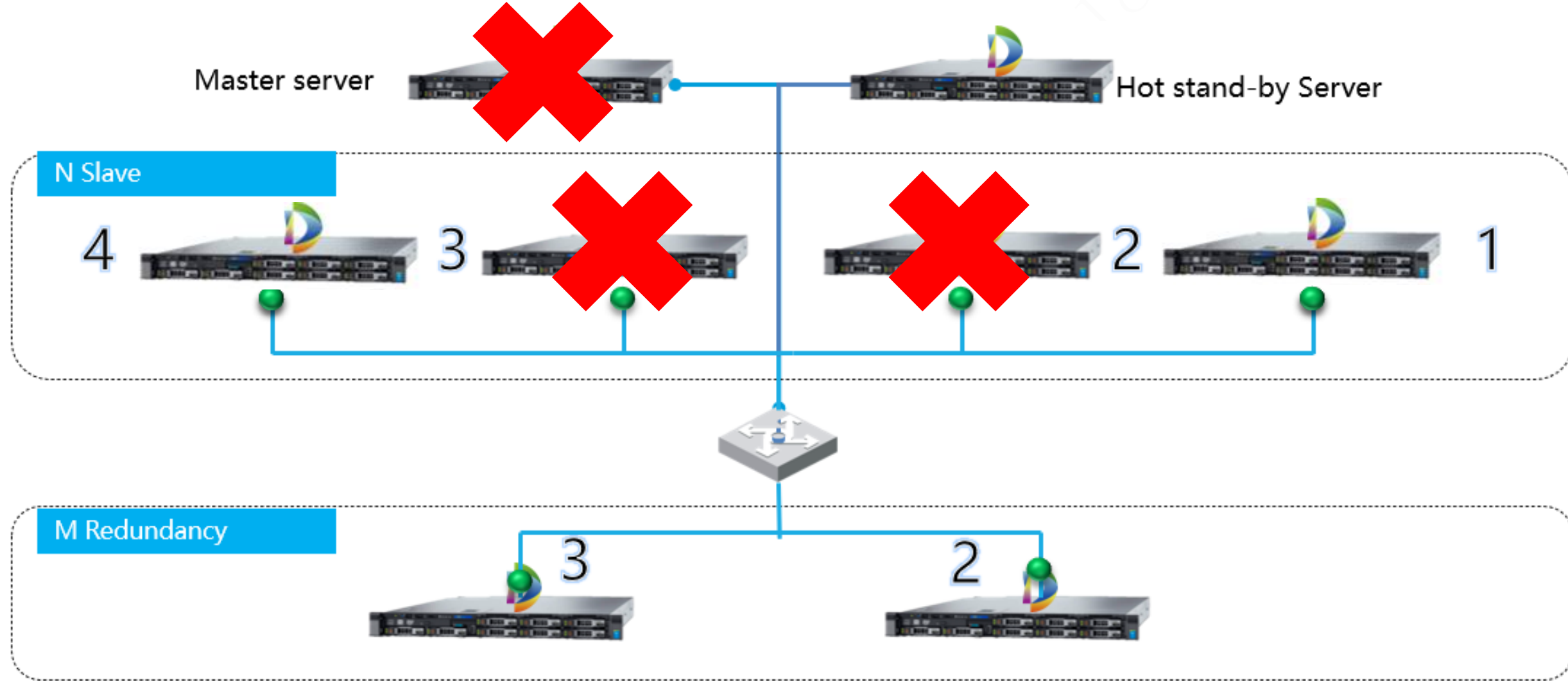
Next level for every VMS – N+M



Next level for every VMS – N+M

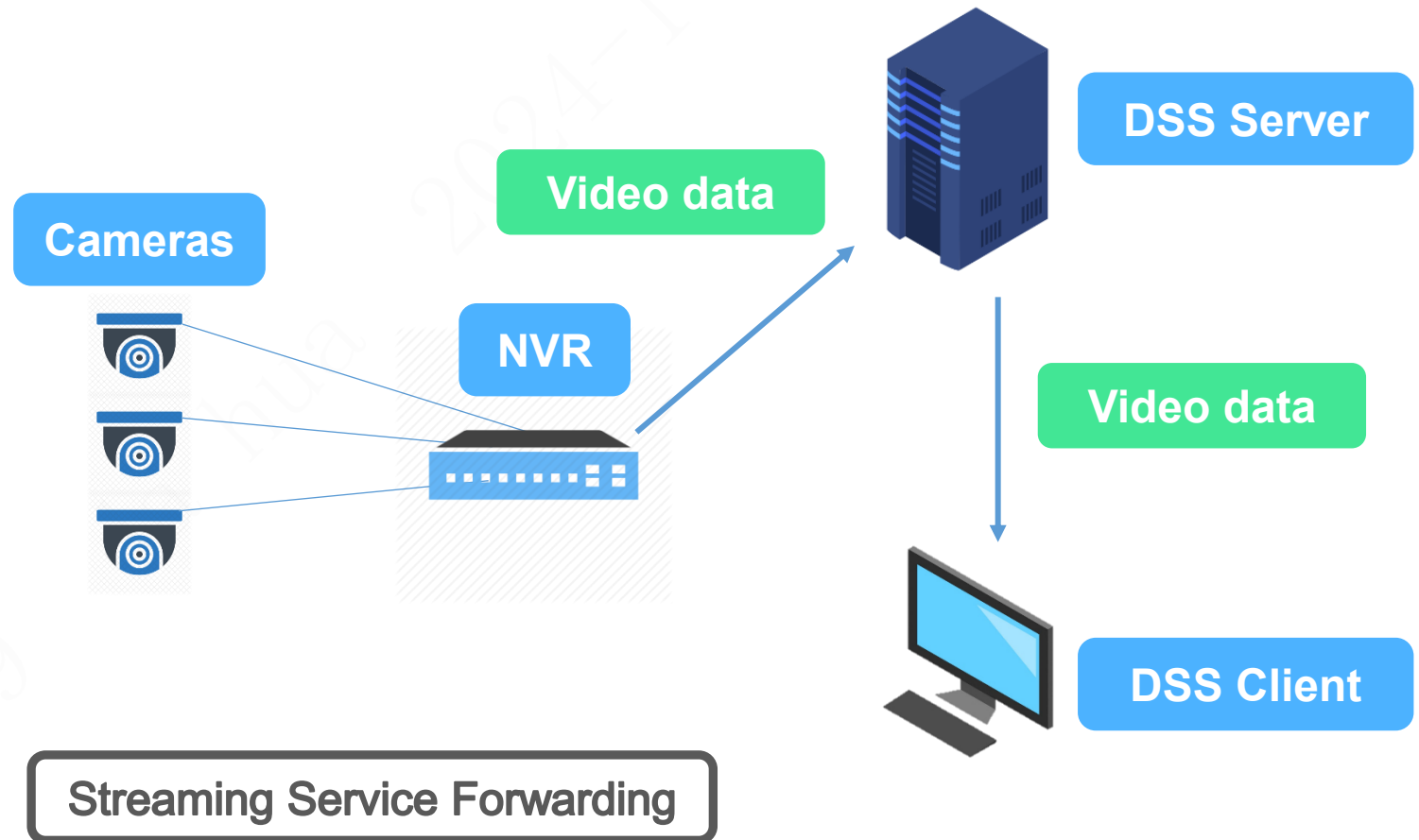


Next level for every VMS – N+M



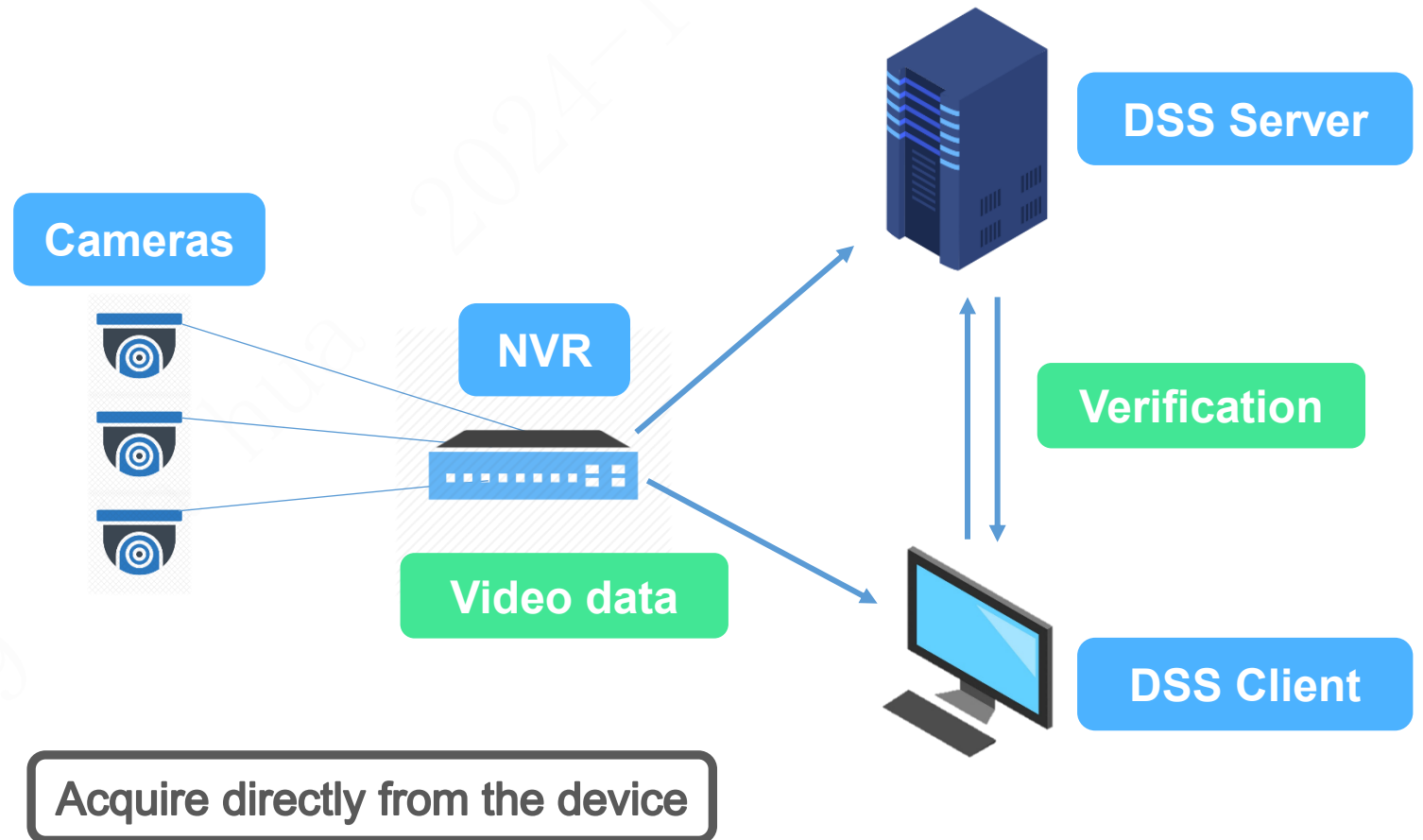
DSS Client – Acquiring Video Stream

- DSS Client can save your valuable bandwidth and make your system more stable
- Every DSS Client can be set up separately



DSS Client – Acquiring Video Stream

- DSS Client can save your valuable bandwidth and make your system more stable
- Every DSS Client can be set up separately



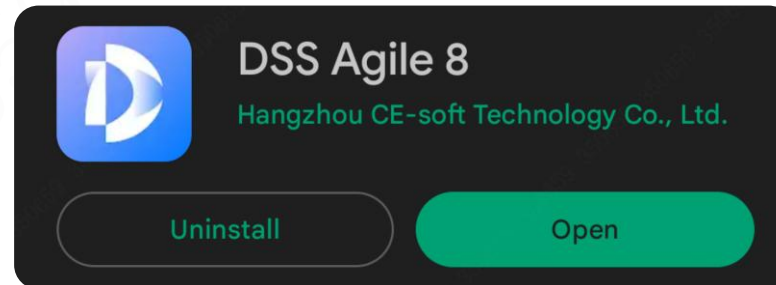
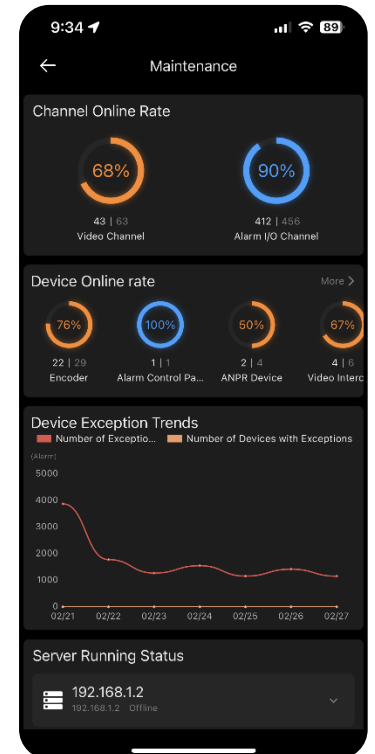
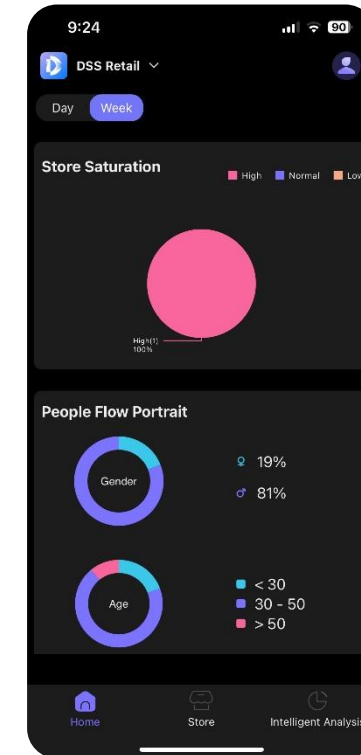
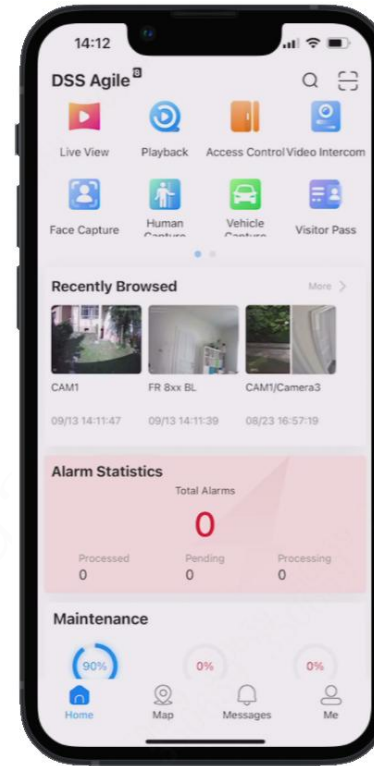
DSS Client – Easy way of integration

- Possibility to create “Quick Commands” with floating buttons or Soft Triggers directly on devices
- Trigger any HTTP or CGI command based on Event / Alarm
- Or trigger alarm with custom button and create custom action



Advanced possibilities with DSS Agile 8 app

- Push notifications
- Direct alarm management
- Advanced features
- Visitor registration
- Person and vehicle search
- Integration of DSS Retail module
- Clear Maintenance Center
- And much more...



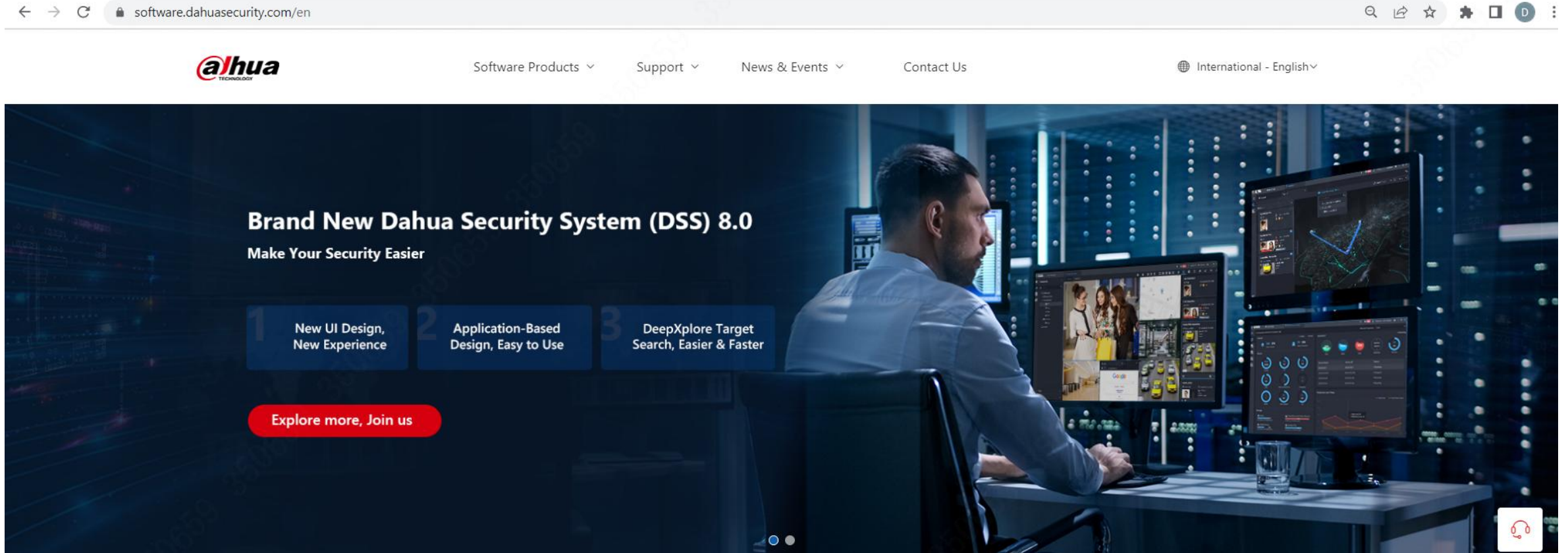
DSS Professional – why use paid software instead of free version?

- Good price competitiveness
- Suitable for most projects
- Wide support of Dahua products
- Main product in Dahua software portfolio
- New features and optimizations in every version



- Why should you offer free software and then provide support for it?
- Why don't offer DSS Pro as a first option in your projects?

DSS software page



- software.dahuasecurity.com

Check in and get 1000 points



Check in the QR code for 1000 points and extra gift

A large, pixelated world map in light gray serves as a background for the central text.

DSS Pro is more than just a VMS

THANK YOU