



DSS Professional V8.6

David Siegel, R&D Software Product Engineer

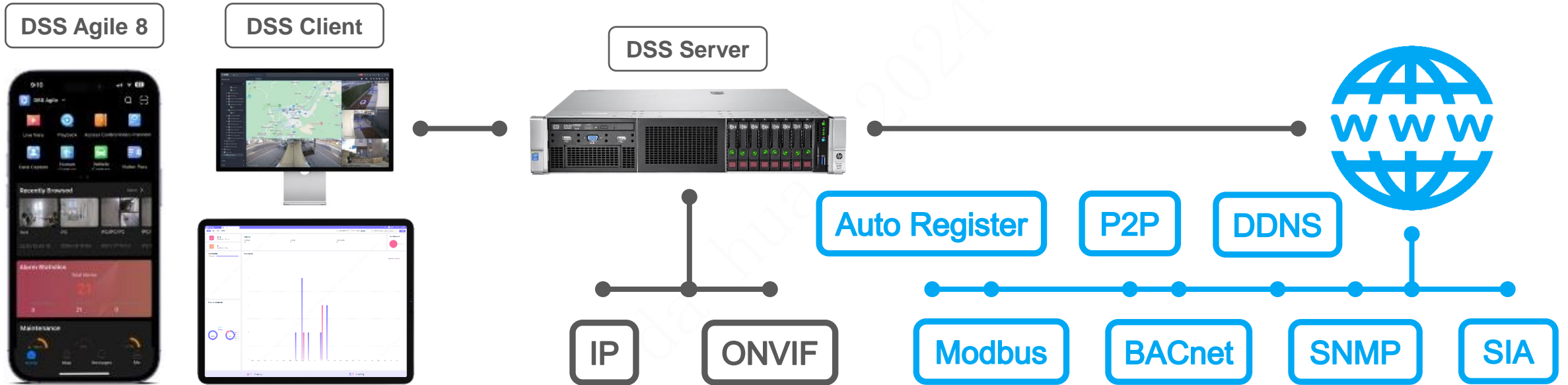
Overview

- Smart CCTV in DSS
- Easy case solving with DSS DeepXplore
- DSS Advanced Access Management and Video Intercom
- Intuitive DSS Parking Lot management
- Intelligent Analysis from cameras in DSS
- Maintenance of DSS servers
- N+M and cascading
- DSS Retail solution
- DSS Agile 8 mobile app



What is DSS Professional?

- Software platform for our products and for 3rd party products
- Scalable and enlargeable anytime



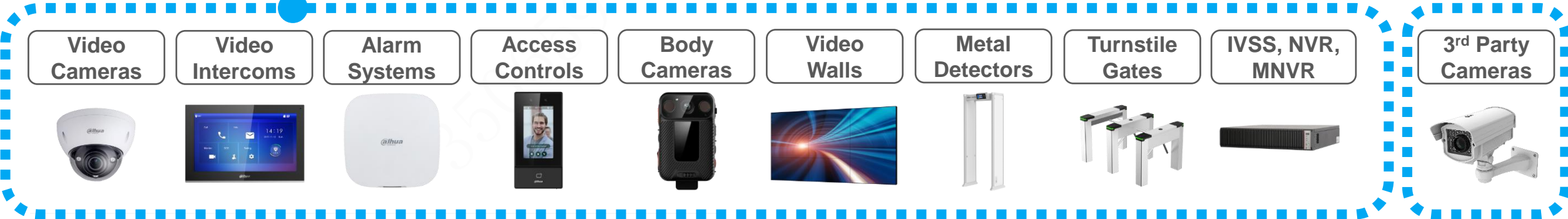
Video Cameras	Video Intercoms	Alarm Systems	Access Controls	Body Cameras	Video Walls	Metal Detectors	Turnstile Gates	IVSS, NVR, MNVR	3rd Party Cameras

Local IP Address

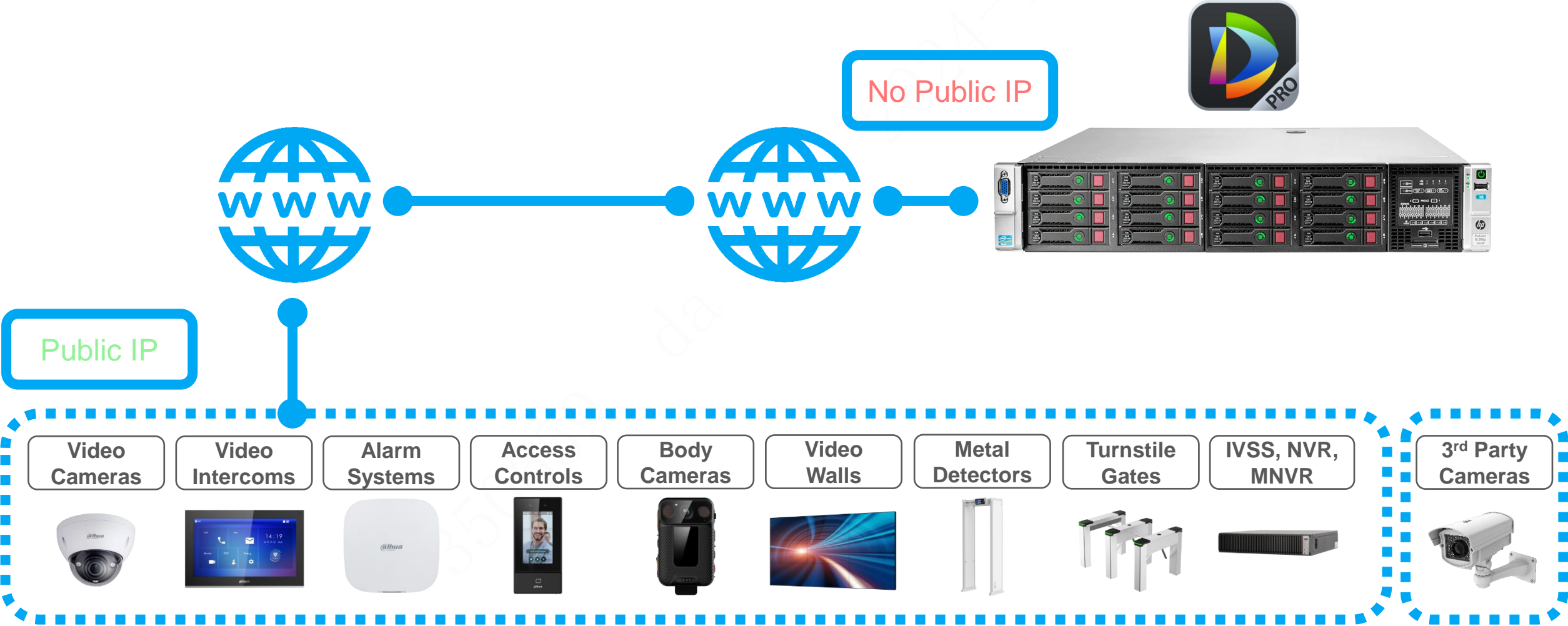
No Public IP



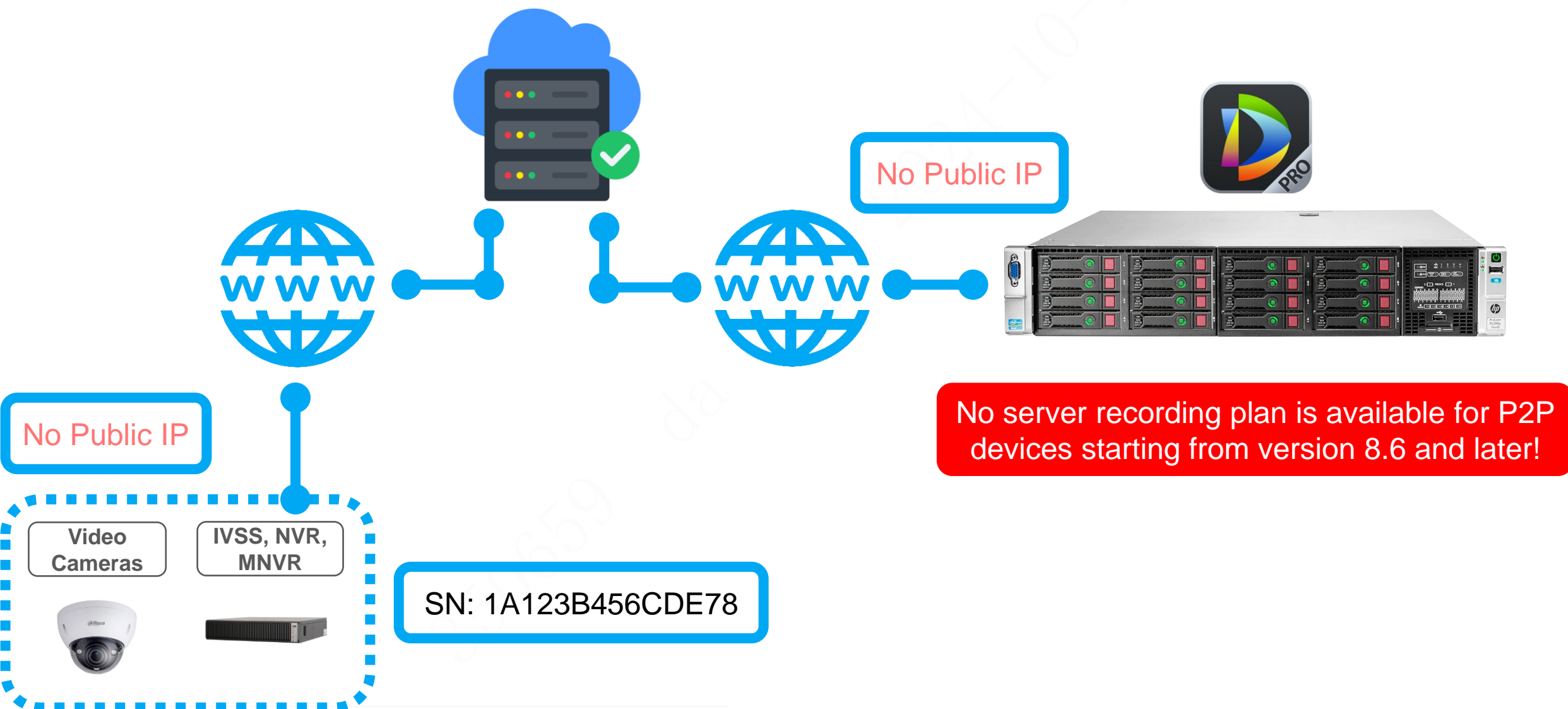
No Public IP



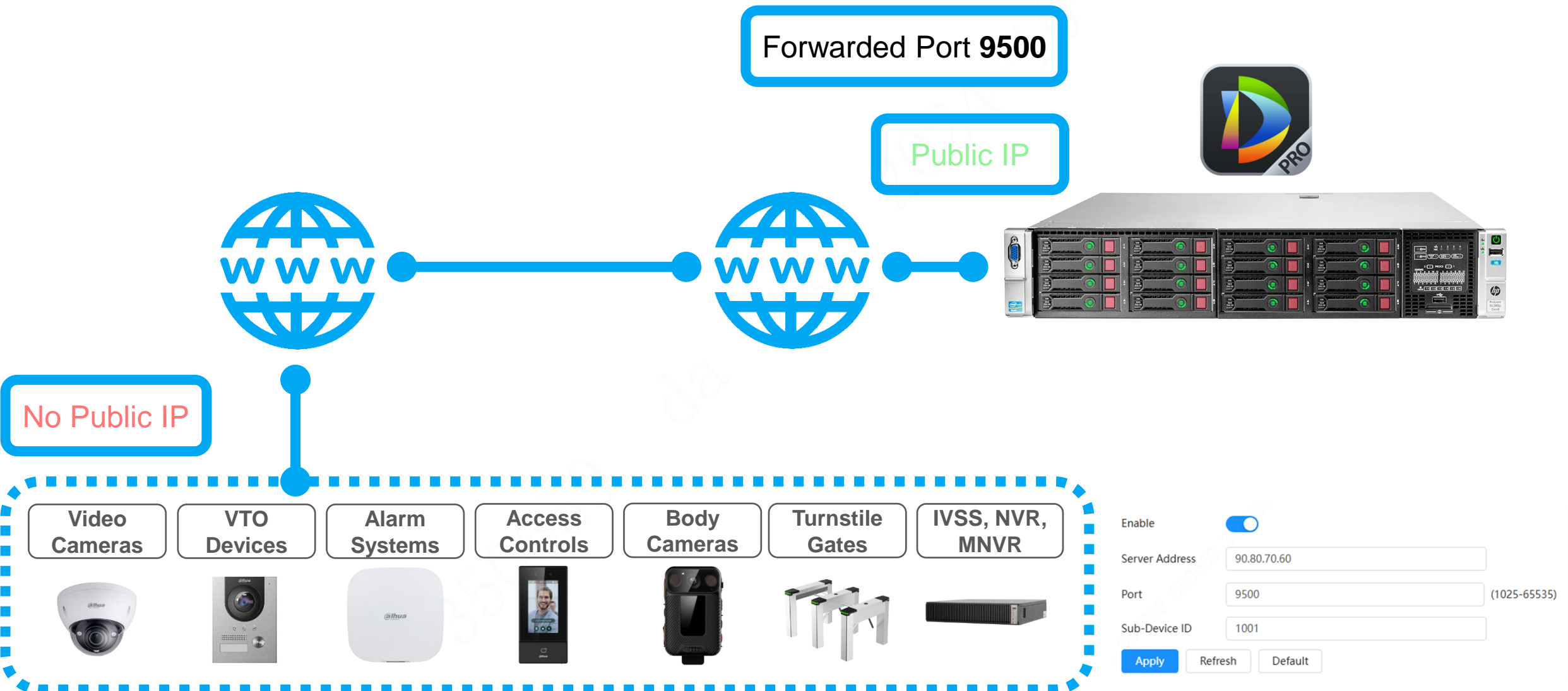
Static Public IP Address



P2P



Auto Register



How DSS saves money?

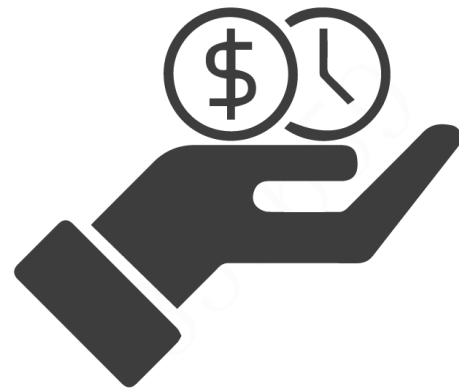
- CCTV, Video Intercom, Access Control and Alarm Security are often 4 separate systems
- Technicians and operators need to learn 4 different platforms and user interfaces
- No interaction between these platforms, or limited interaction after an integration is made
- More expensive hardware
 - 4 servers
 - Maintenance costs
 - 4 manufacturers to deal with





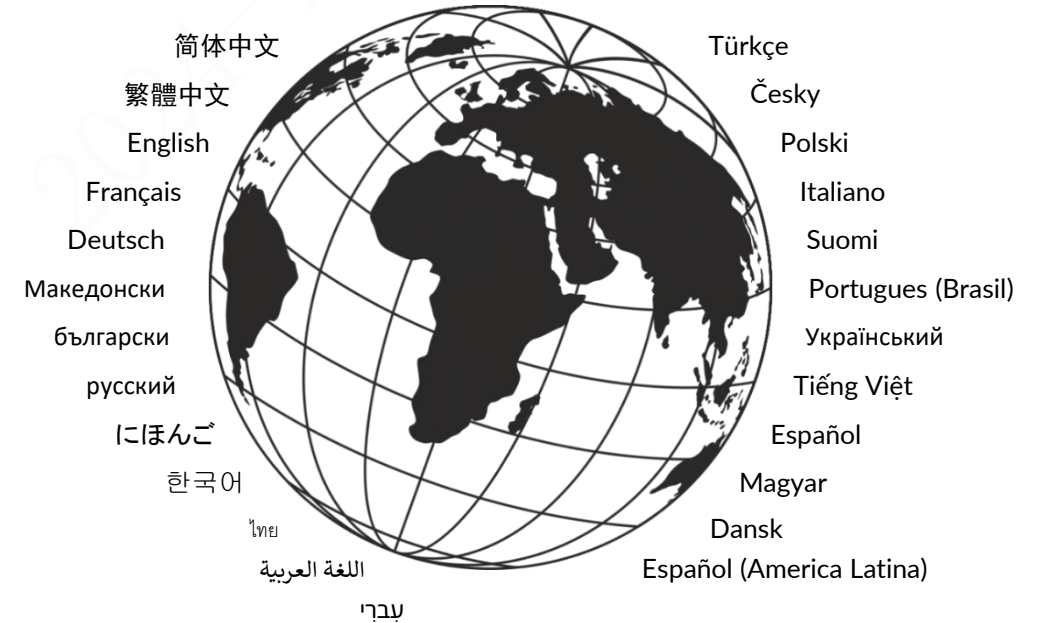
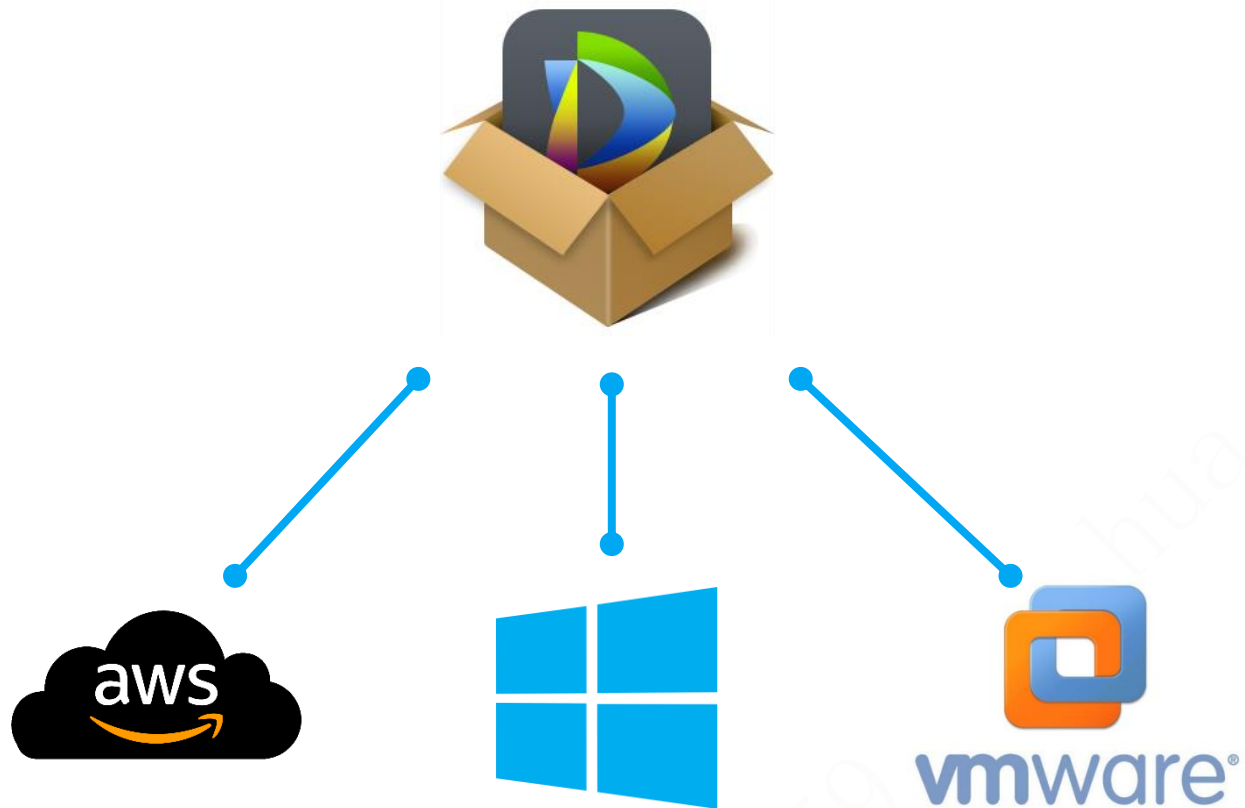
How DSS saves money?

- CCTV, Alarm System, Video Intercom, Access Control, Parking Management, Body Cameras and Intelligent Retail Analysis **in one system**
- Technicians and operators learn **only 1 user interface** – even for DSS Express and DSS Pro
- **Easy interaction** between different devices in DSS also with **custom events**
- 1 server or cluster of servers with all the systems





How can be DSS deployed?



- Deploy DSS on a Windows server, cloud service or a virtual machine with Windows OS

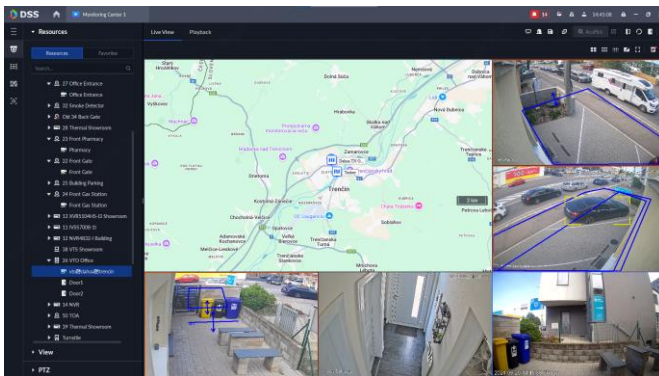
- Choose one of our supported languages

What is the workflow in DSS Professional?

1. Before the event

Monitoring

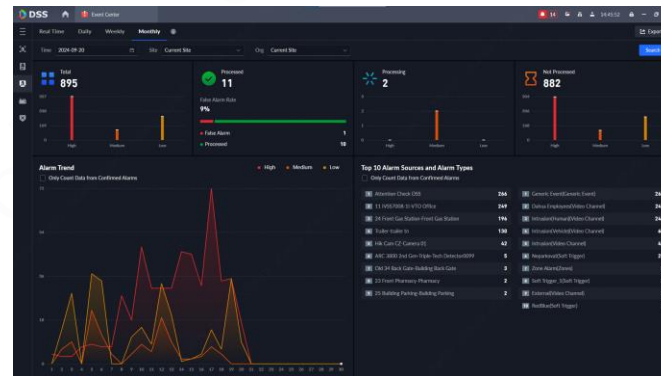
- Live view from different cameras and VDP devices
- Monitoring Access Control devices with bound cameras
- Viewing online or custom maps with devices on them
- Using embedded web browser



2. During the event

Events

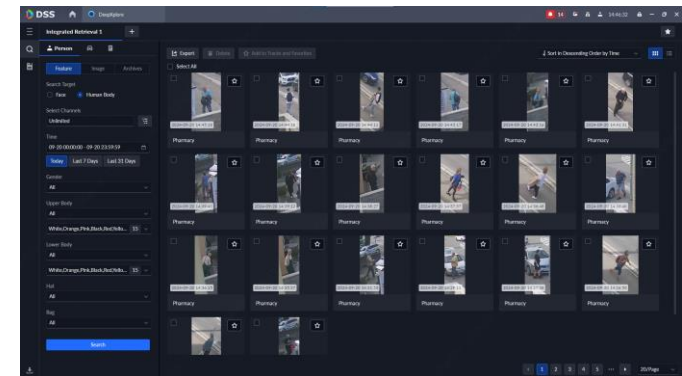
- Environment for an overview of real time alarms
- Easy access to alarms from the past
- Clear statistics for better efficiency
- Intuitive control of connected Alarm Systems



3. After the event

DeepXplore

- Powerful search tool for finding info about people, vehicles and POS transactions
- Management of created cases
- Tracking history of MPT devices

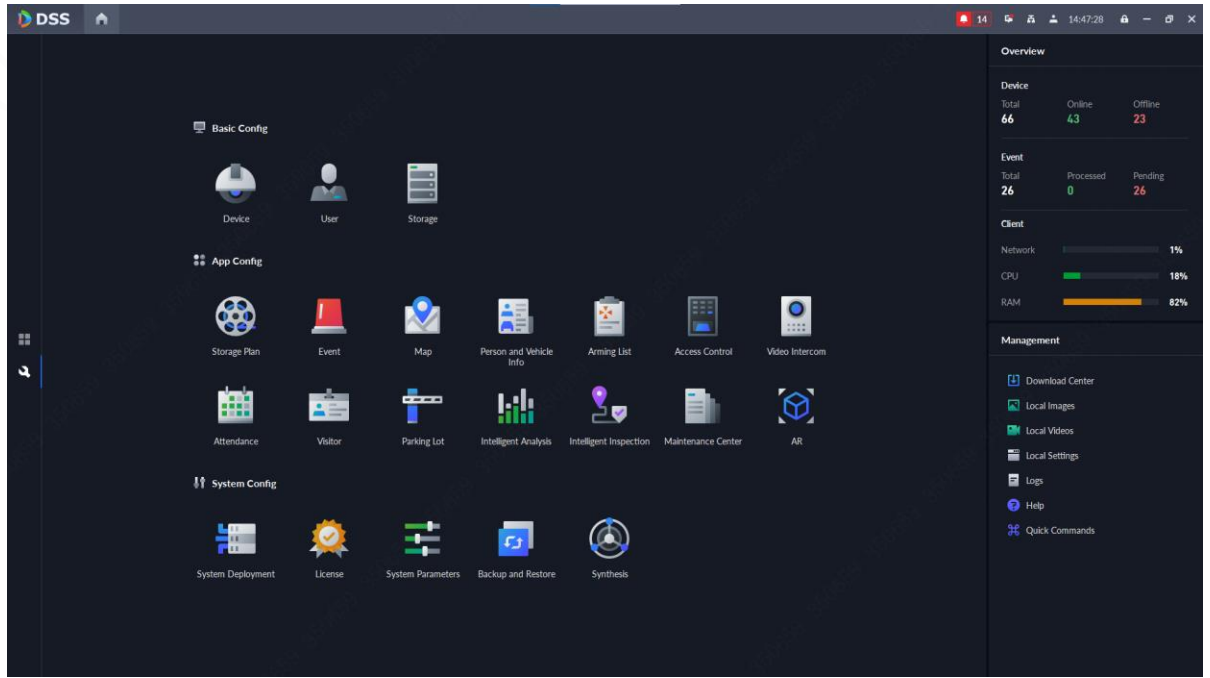
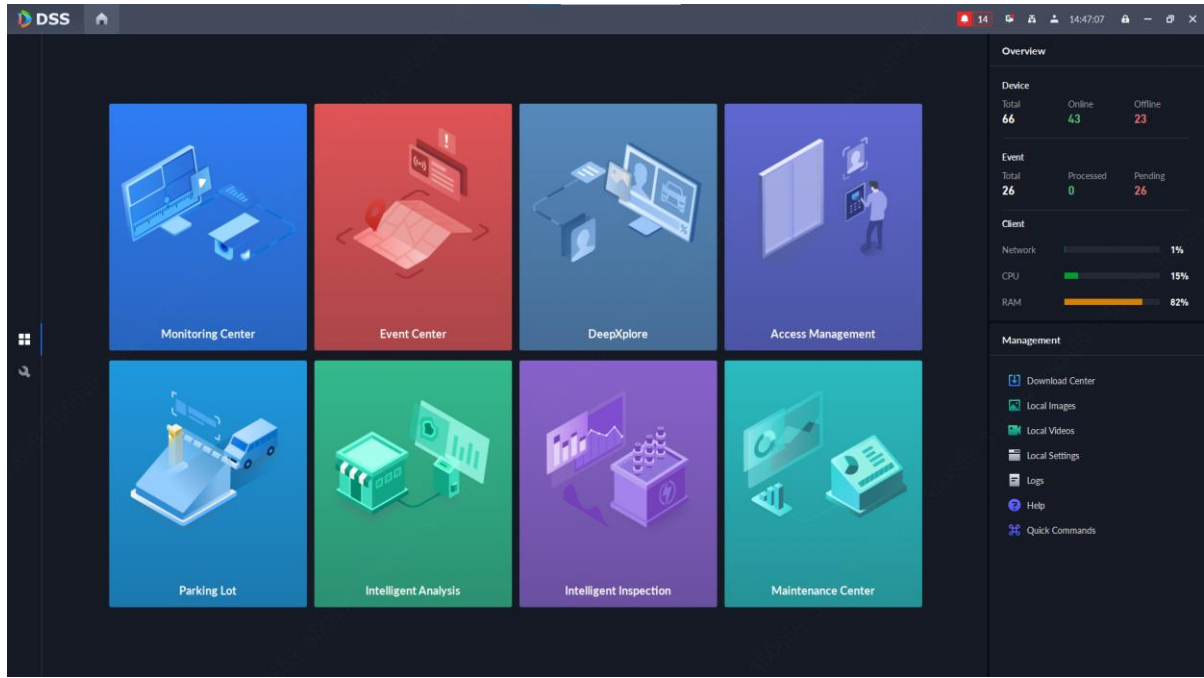


Friendly UI

- Unified UI for DSS Professional and DSS Express
- Same DSS Client for DSS Professional and DSS Express
- Easy management for every module and its parts

Applications

Configuration



Monitoring Center – Live View

- View up to 64 cameras on each monitor
- Easy switching from Live to Playback
- Online or custom maps for better orientation
- Integrated Event Panel – important data from access control, person recognition, ANPR, parking lot and metadata
- Create custom view layouts and save them for operators
- Pop-ups from events or calls from VDP devices

The screenshot displays the Dahua DSS Monitoring Center interface. On the left, a 'Resources' sidebar lists various camera locations such as 'Door1', '57 ANPR', '54 Fisheye R&D', and '44 HDBW5442E-ZE Showroom'. The main area is divided into several sections: a map of Europe (labeled 'Maps'), a live video feed of a street (labeled 'Access Control'), a face recognition panel showing a person's face and name 'David Siegel' (labeled 'Face Recognition'), and an event panel listing ANPR events with details like 'Current Site-57 ANPR' and '2025-02-05 11:33:53' (labeled 'Event Panel'). At the bottom, there are pop-up windows for 'VDP devices' (showing a door) and 'Web Pages' (showing a YouTube channel 'Dahua DSS Pro').

VDP devices

Web Pages

ANPR

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

The screenshot shows the DSS Monitoring Center interface in playback mode. On the left is a 'Resources' tree with 'Office Entrance' selected. The main window displays a video feed of a person in a green jacket in a hallway. Green bounding boxes track the person's movement. A blue overlay in the bottom left of the video frame reads 'Entered:4 Exited:0 PeopleCounting'. The top right of the video frame shows the timestamp '2025-02-05 11:52:20'. The bottom of the interface features a playback timeline and control buttons. A blue callout box points to the 'AcuPick' button in the top right toolbar.

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 shows the DSS Monitoring Center interface. On the left is a 'Resources' sidebar with a search bar and a list of camera channels. The main area displays a 'Monitoring Center 1' window with a video wall layout. A 'Task' menu is open, showing options to 'Add' or 'Showroom' for 'Showroom1' and 'Showroom2'. The video wall consists of several camera feeds: a 1-1 view of a showroom, a 1-3 view of a building exterior, a 1-4 view of a parking area, and a 1-2 view of a thermal camera feed. A red car in the parking area is highlighted with a blue bounding box. At the bottom, a 'Details' table lists the configuration for the video wall 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

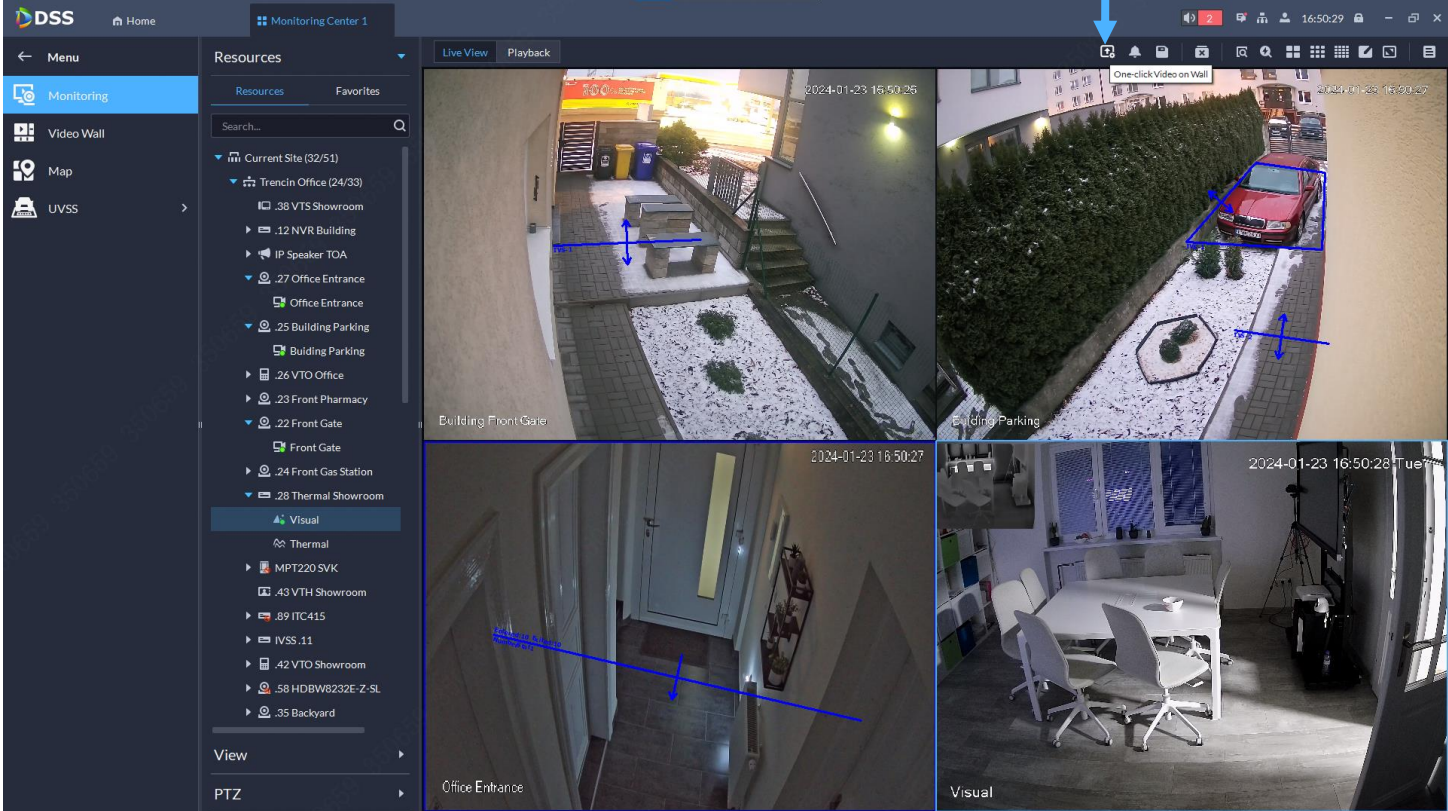
VTO

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
- Easily communicate with up to 16 users in one group thanks to Group Talk

The screenshot displays the DSS Monitoring Center interface. At the top, there are three blue buttons: "Mobile Cameras", "Static Cameras", and "Default or Satellite map". The main area shows a satellite map with several radar icons and a "Group Talk" window. The "Group Talk" window lists users: mpt, mpt1, davidmobile2, mobile2, davids, davidmobile, mpt2, mpt320, mptmiso, and misompt. A "Video Player" window shows a live view of a camera. On the right, there is an "Event Panel" with a "Radar Alarm" notification. At the bottom, there are four blue buttons: "Group Talk", "Radars", "Live View", and "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 shows the DSS Event Center interface with several callouts pointing to specific features:

- Recordings and Snapshots:** Points to the main video feed area.
- Location:** Points to the map showing the event location in Trenčín, Slovakia.
- Status:** Points to the event status panel on the right, showing 'Pending' and 'Processed' tabs.
- "To-do" list:** Points to the list of events on the left side of the interface.
- Protocol:** Points to a pop-up window displaying a list of actions to be taken, such as '1. Adress Bratislavská 53, Trenčín, Slovakia' and '2. Call the owner David Romanov +421 111 222 333'.
- Send email:** Points to the 'Send Email' button in the event details panel.
- Resolve directly:** Points to the 'Resolve...' button in the event details panel.

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

The screenshot displays the DSS Event Center interface. On the left, there is a sidebar with filters for Source Type (Video Channel), Event (Tripwire, Tripwire(Human), Tripwire(Vehicle), Intrusion, Intrusion(Human), Intrusion(Vehicle), Fast Moving Detect), Event Source (Office Entrance, Showroom Thermal, HDCVI Recorder, Showroom Smoke L, Testing), Priority (All), Processed by (All), and Alarm Status (All). The main area shows a table of event history with columns: No., Alarm Time, Site Name, Alarm Category, Alarm Type, Alarm Source, and Priority. The table lists 20 events, with various alarm types and priorities. On the right, a 'Details' panel shows a video snapshot of a street scene with a person walking, and a status message: 'Resolved: Thief was arrested by Police' by user 'david' on 2023-03-06 11:56:14.

No.	Alarm Time	Site Name	Alarm Category	Alarm Type	Alarm Source	Priority
1	2023-03-06 11:31:...	Current Site	Video Channel	EMPLOYEE	IVSS Metadata-VT...	Low
2	2023-03-06 11:31:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
3	2023-03-06 11:31:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
4	2023-03-06 11:30:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
5	2023-03-06 11:30:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
6	2023-03-06 11:29:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
7	2023-03-06 11:27:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
8	2023-03-06 11:27:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
9	2023-03-06 11:14:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
10	2023-03-06 11:13:...	Current Site	Video Channel	EMPLOYEE	IVSS Metadata-VT...	Low
11	2023-03-06 11:12:...	Current Site	Video Channel	Intrusion	Building Front Sh...	Medium
12	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
13	2023-03-06 10:39:...	Current Site	Video Channel	EMPLOYEE	IVSS Metadata-VT...	Low
14	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
15	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
16	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
17	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
18	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
19	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High
20	2023-03-06 10:39:...	Current Site	Video Channel	Tripwire	NVR Building -Bui...	High

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



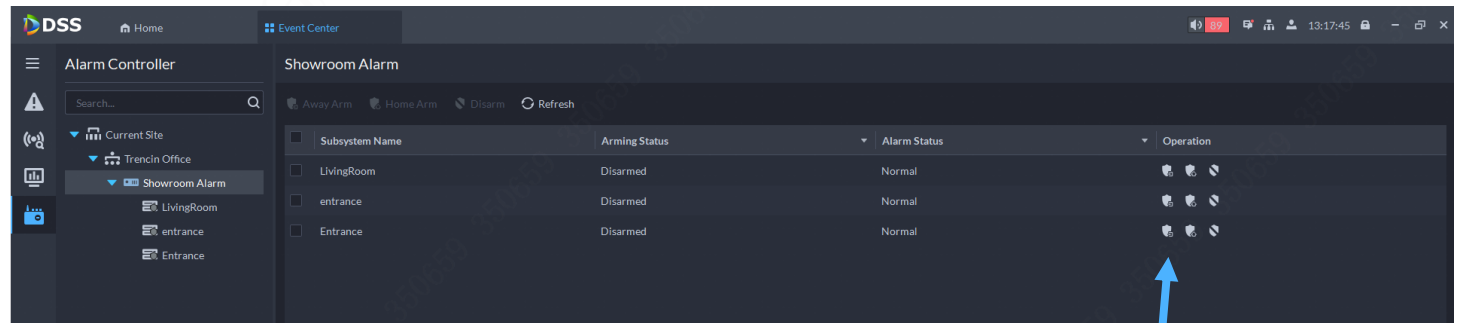
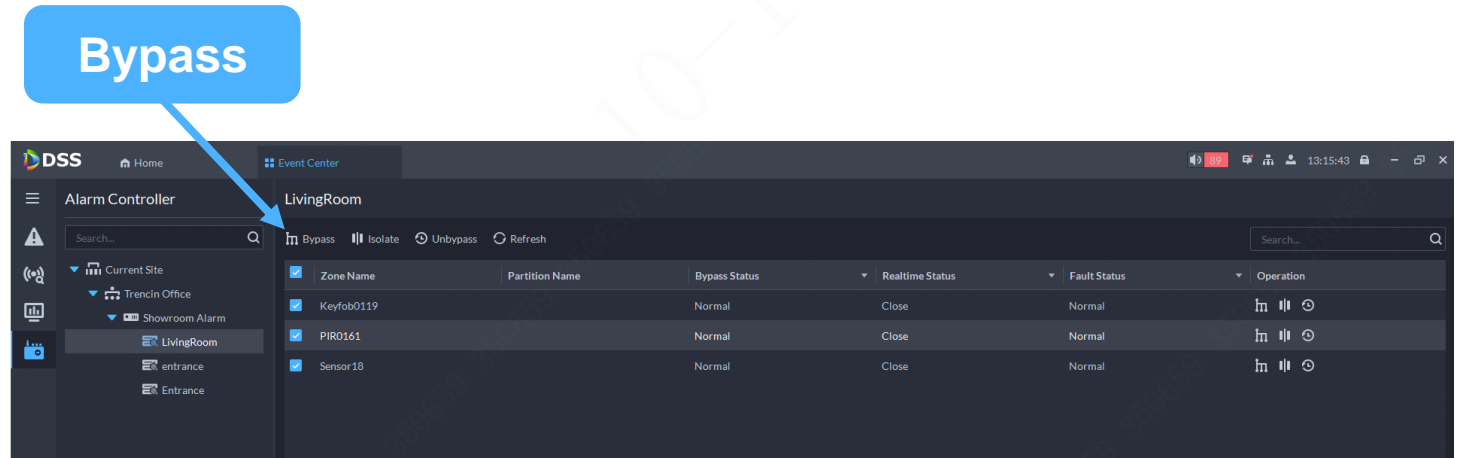
DSS Professional – Wireless Alarm integration

- 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...



Arming and Disarming

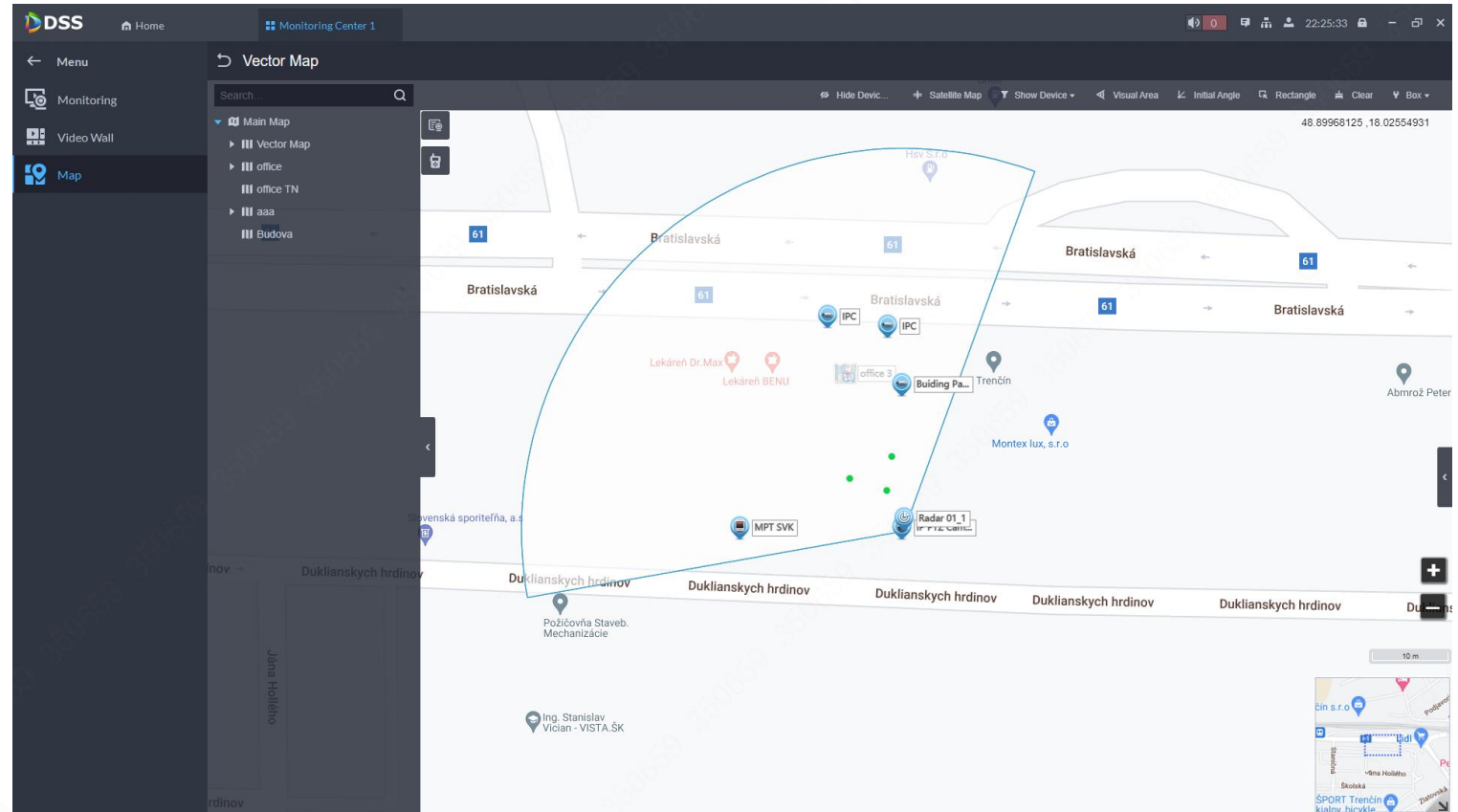
DSS Professional – SIA Protocol Integration

- 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



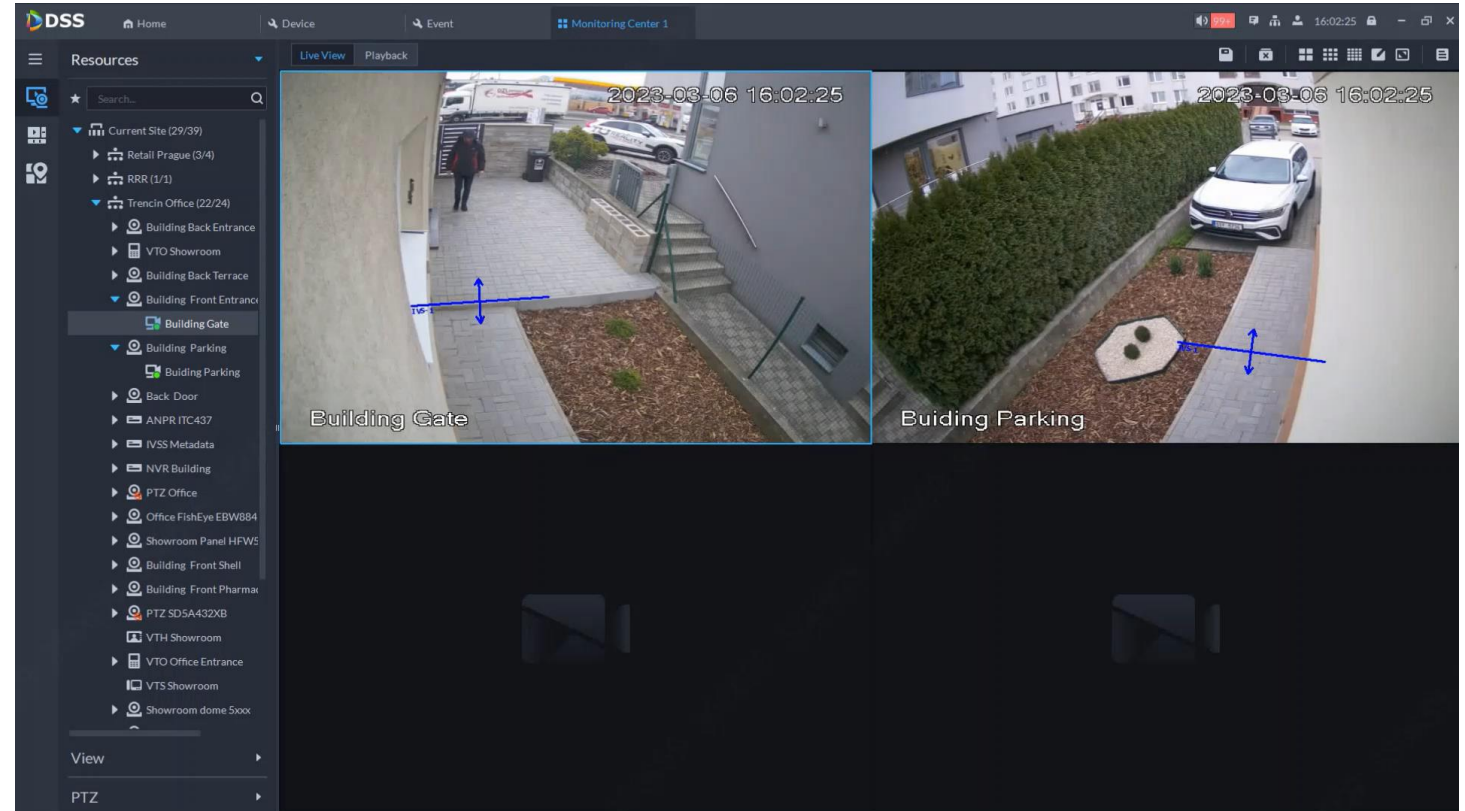
Event Center – Radars

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



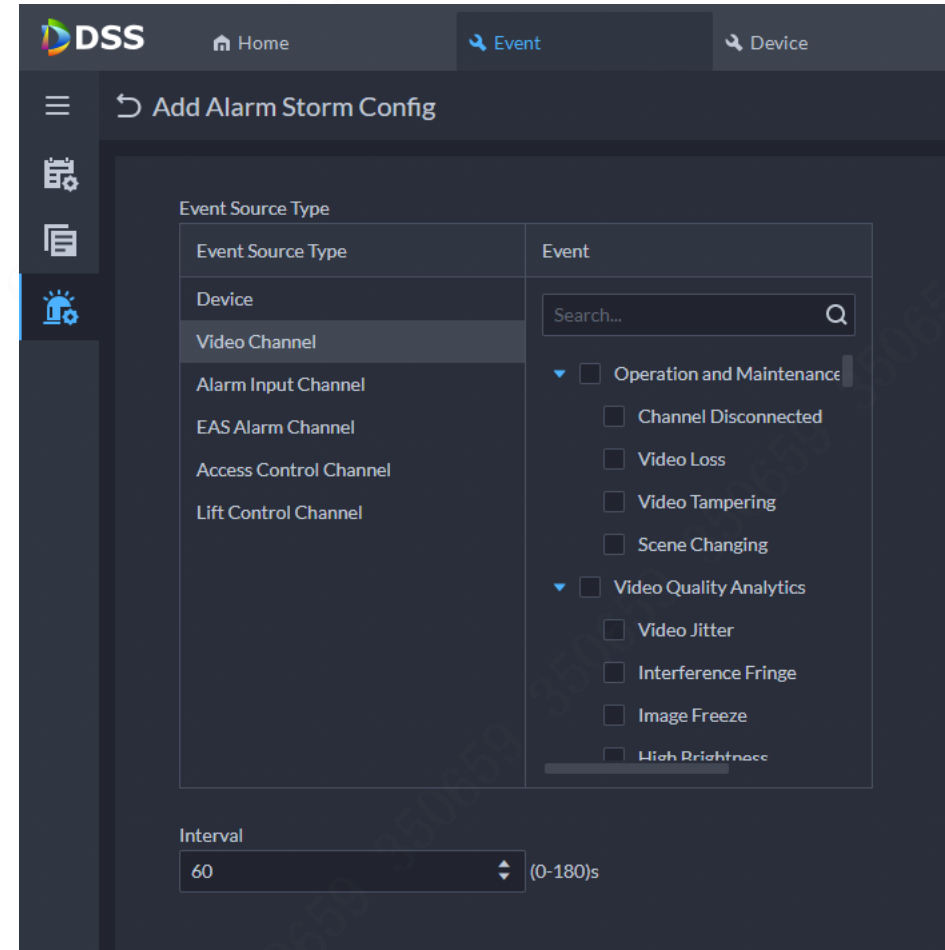
Event Center – Combined Events

- 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

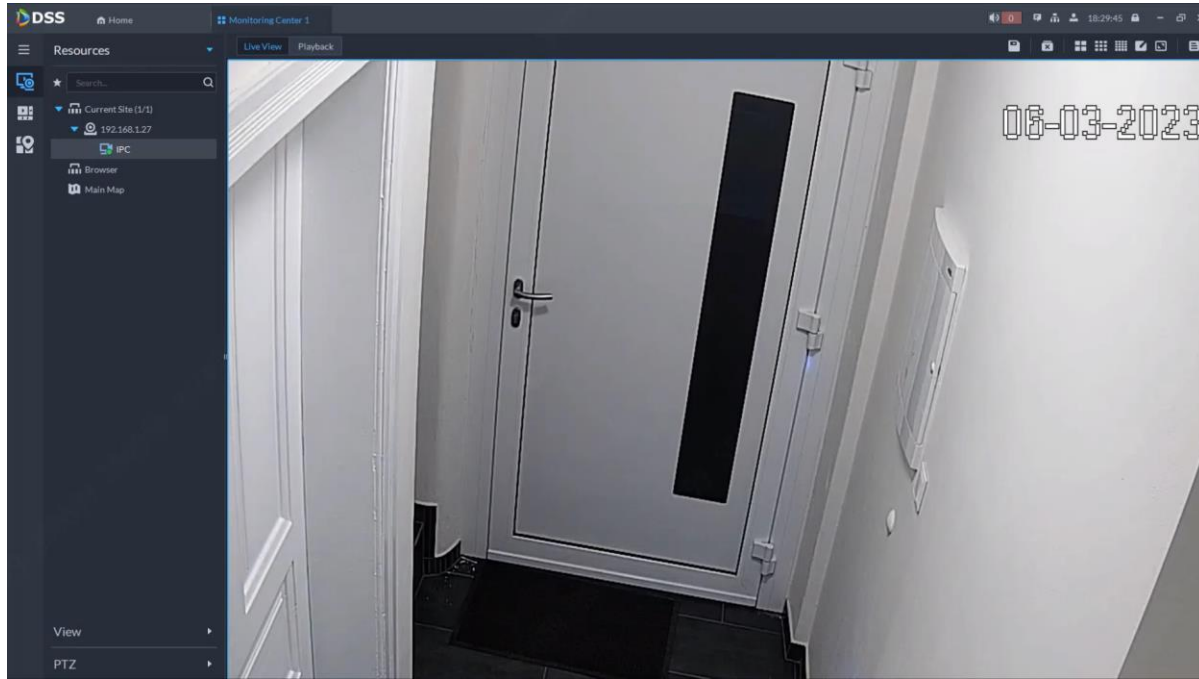


The screenshot shows the 'Add Alarm Storm Config' window in the DSS interface. The window has a dark theme and includes a navigation bar at the top with 'DSS', 'Home', 'Event', and 'Device' tabs. A sidebar on the left contains icons for home, calendar, list, and alarm. The main content area is titled 'Add Alarm Storm Config' and is divided into two columns: 'Event Source Type' and 'Event'.

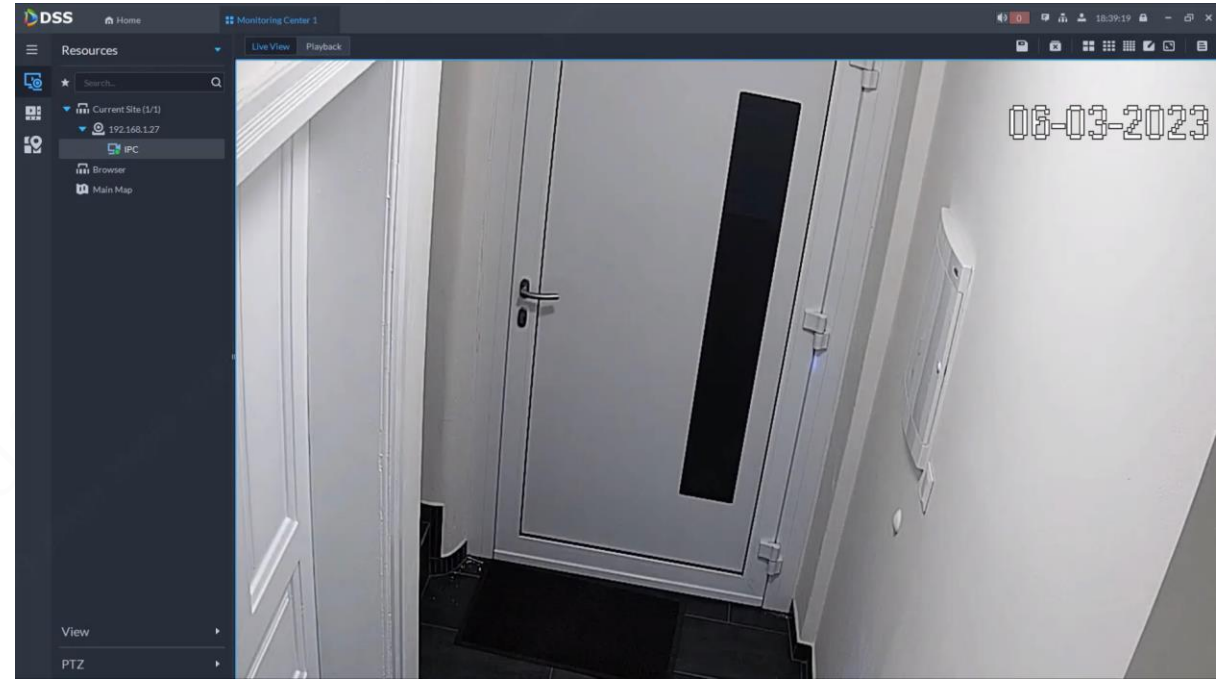
Event Source Type	Event
Device	Search...
Video Channel	<input type="checkbox"/> Operation and Maintenance <ul style="list-style-type: none"> <input type="checkbox"/> Channel Disconnected <input type="checkbox"/> Video Loss <input type="checkbox"/> Video Tampering <input type="checkbox"/> Scene Changing
Alarm Input Channel	<input type="checkbox"/> Video Quality Analytics <ul style="list-style-type: none"> <input type="checkbox"/> Video Jitter <input type="checkbox"/> Interference Fringe <input type="checkbox"/> Image Freeze <input type="checkbox"/> High Brightness
EAS Alarm Channel	
Access Control Channel	
Lift Control Channel	

At the bottom of the window, there is an 'Interval' field with a dropdown menu showing '60' and a range '(0-180)s'.

Event Center – Alarm Storm Config



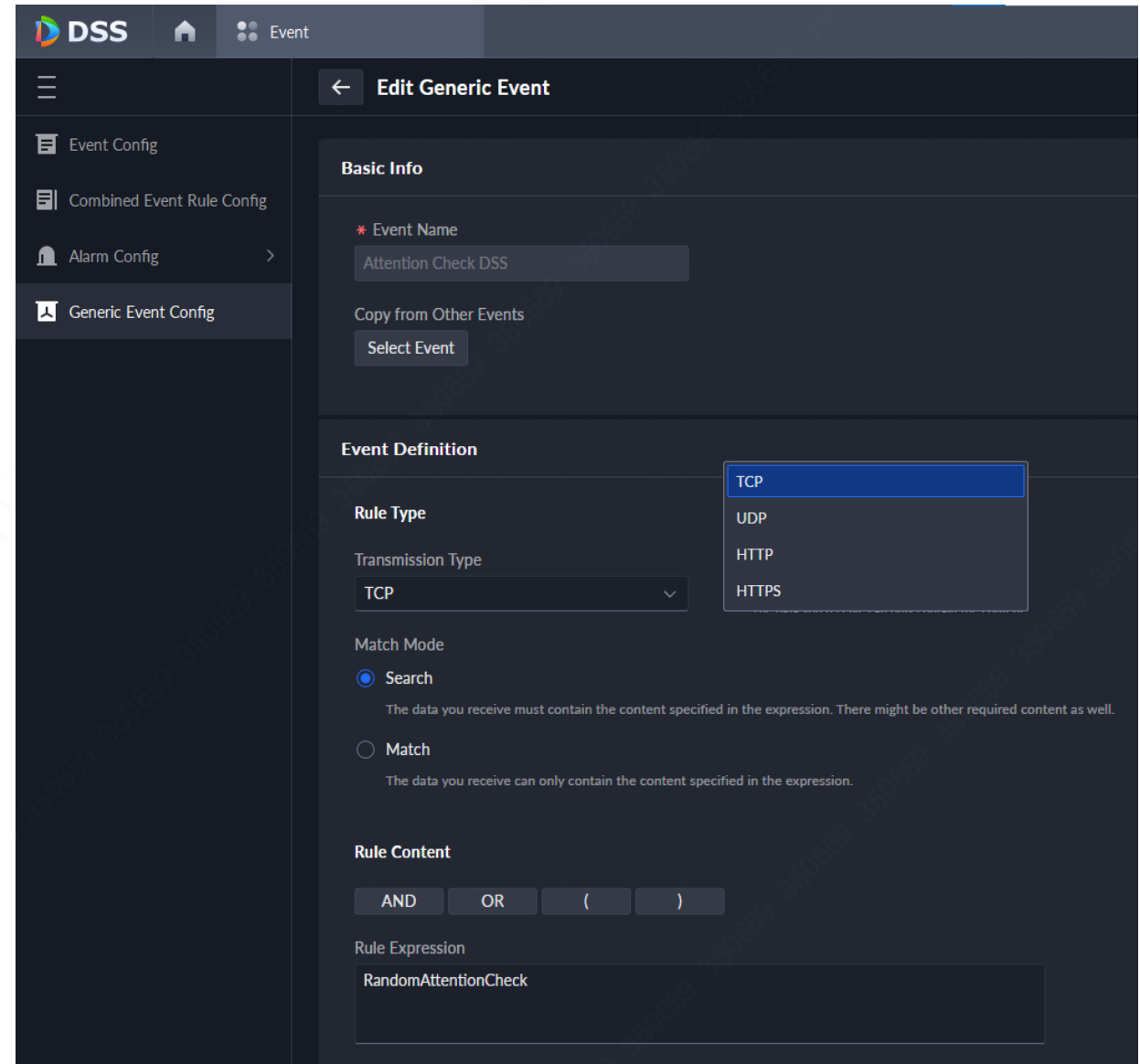
- Alarm Storm Config **OFF**



- 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



DSS Professional powered by AI

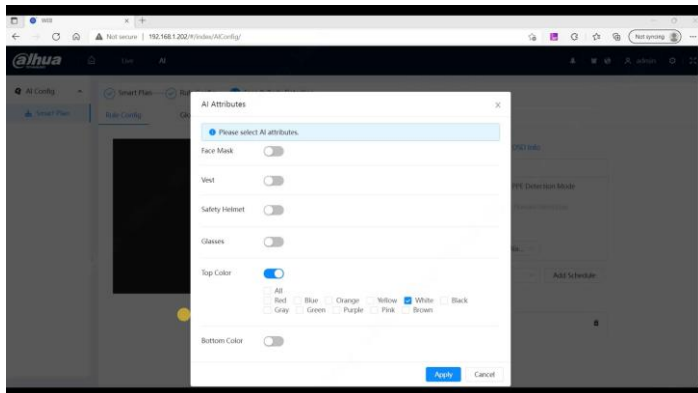
- See important data on side panel
- Video Metadata
 - Alarm from non-matching clothes
 - Alarm when safety is compromised
- Face recognition
 - Alarm on “Block list”
 - Action on “Allow list”
- Heat Maps
- IVS Rules
- People Counting
- ...

The screenshot displays the DSS Professional software interface. At the top, there's a navigation bar with 'Home' and 'Monitoring Center 1'. A left sidebar lists 'Resources' including 'Current Site (36/53)', 'Trenčin Office (24/33)', 'DS Testing (4/6)', 'RR Testing (1/2)', 'AcuPick (2/2)', 'MPT PoC (0/3)', 'ANPR (1/1)', and '.57 ANPR'. The main area shows a grid of camera feeds. Overlaid on this are several AI analysis panels:

- Video Metadata (Person):** Shows a person walking, with attributes like gender (male), age group (#Young), and a list of clothing items: 'Type: uniform, Colors: White, Top: Cardia Black, Top Long: Blouson, Bottom: Džín, Shoes: Bata, 6, 39, 40, 41, 42, 43, 44, 45, 46'.
- Face Recognition:** Identifies a person as 'David' with a 96% confidence score and attributes like gender (male) and age group (#Young).
- ANPR:** Detects license plates, showing 'TN 88' for a 'Ford Black' vehicle.
- ANPR (Vehicle):** Detects a 'Motor Vehicle' with 'Vehicle Brand Unknown' and 'Silver' color.
- ANPR (Vehicle):** Detects a 'Motor Vehicle' with 'Vehicle Brand Unknown' and 'Black' color.
- ANPR (Vehicle):** Detects a 'Motor Vehicle' with 'Vehicle Brand Unknown' and 'Black' color.
- ANPR (Vehicle):** Detects a 'Motor Vehicle' with 'Vehicle Brand Unknown' and 'Black' color.
- ANPR (Vehicle):** Detects a 'Motor Vehicle' with 'Vehicle Brand Unknown' and 'Black' color.
- Video Metadata (Person):** Shows a person walking, with attributes like gender (female) and age group (#Young).

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

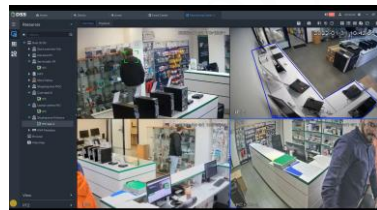


Detected zones



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



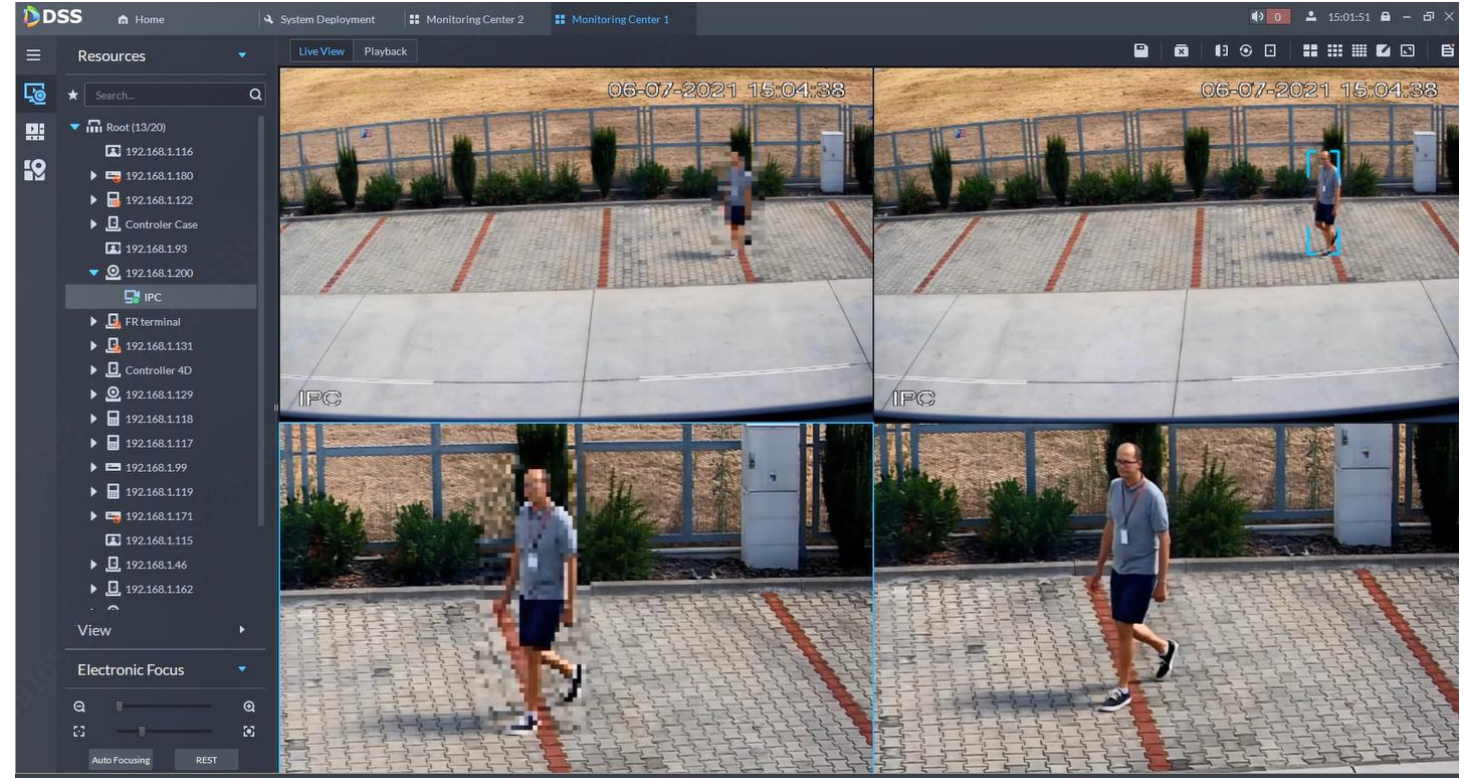
DSS Professional – Mobile NVR

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



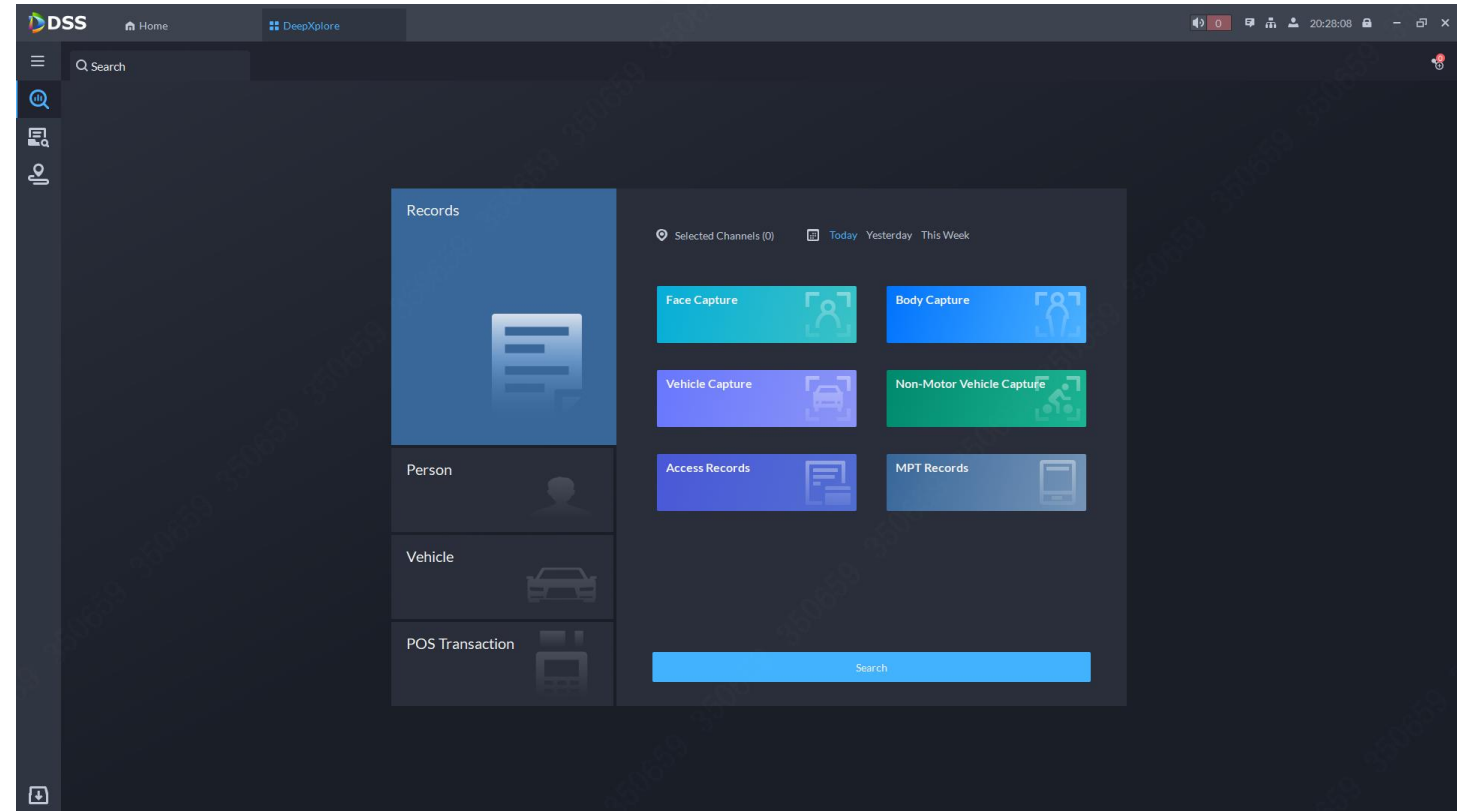
DSS Professional – Privacy is important

- 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



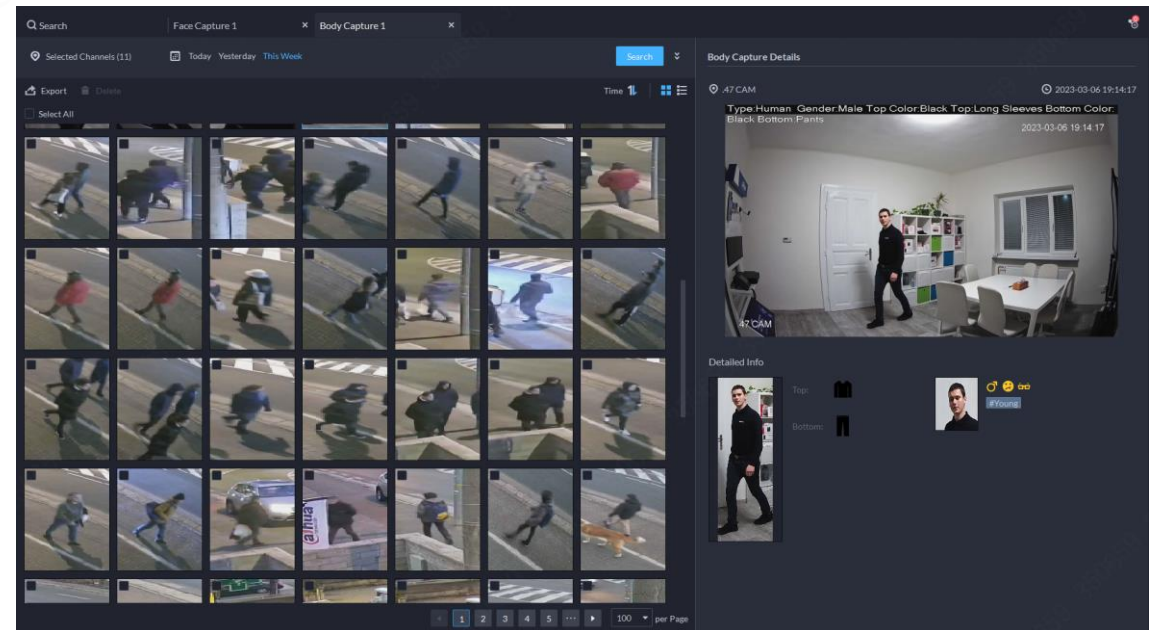
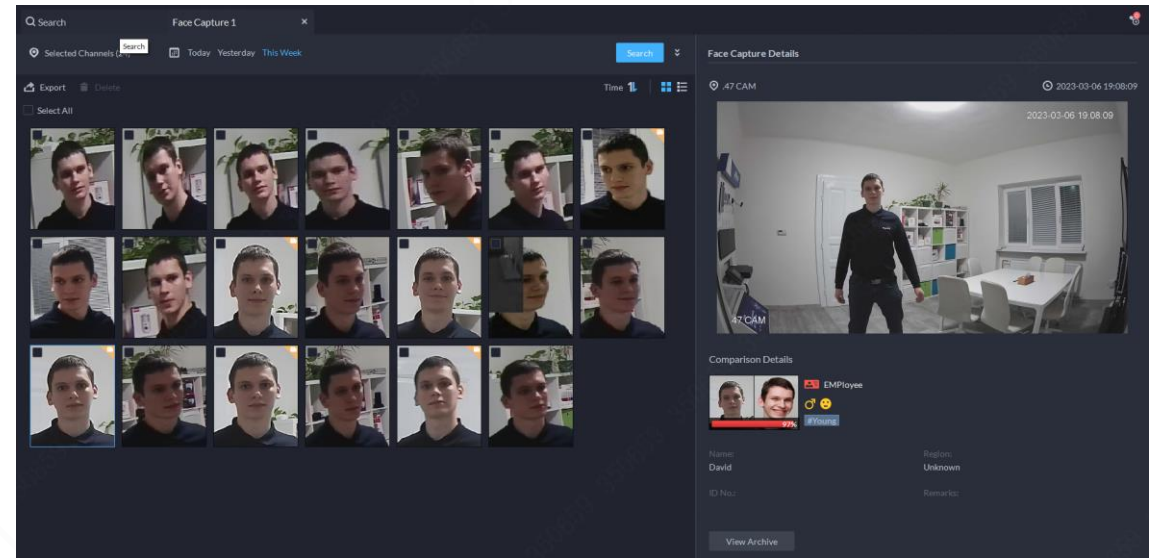
What is possible with DeepXplore?

- 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



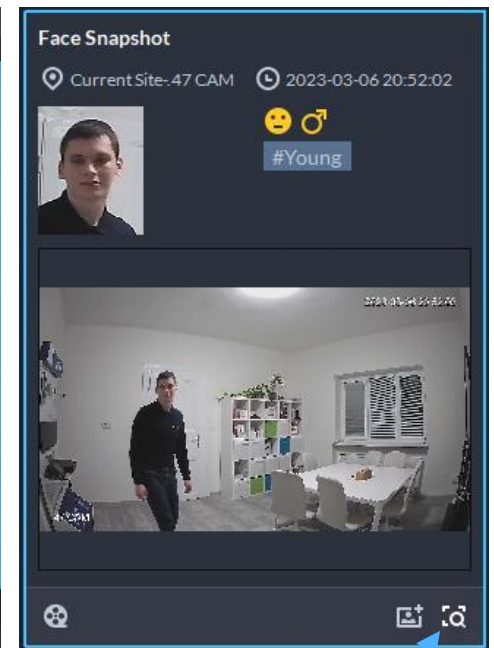
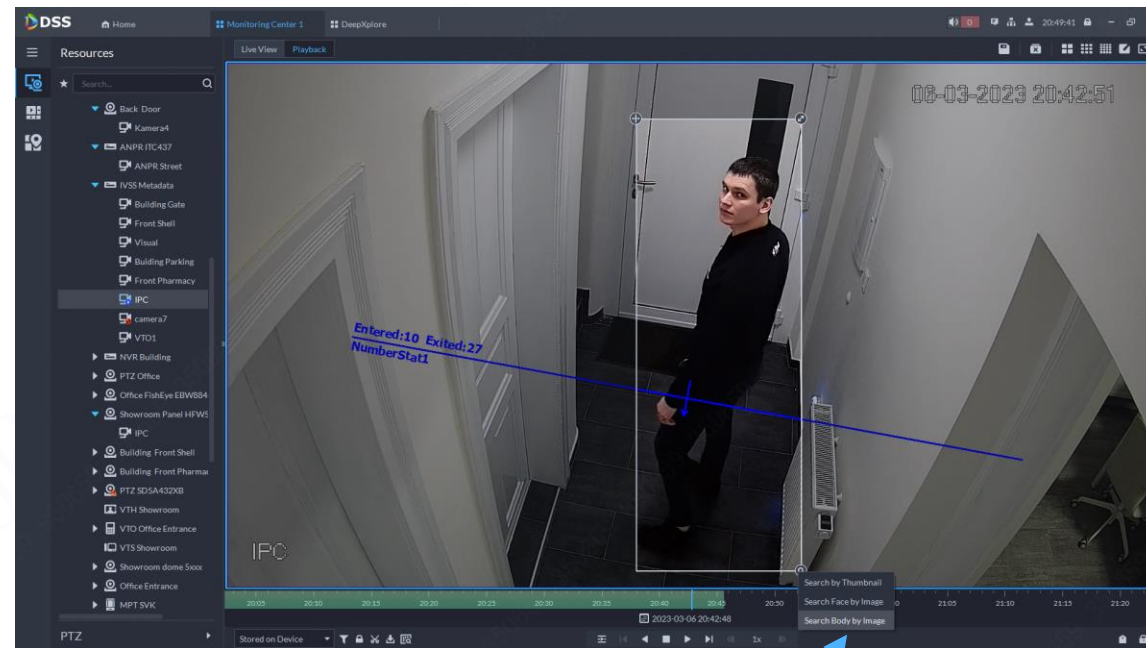
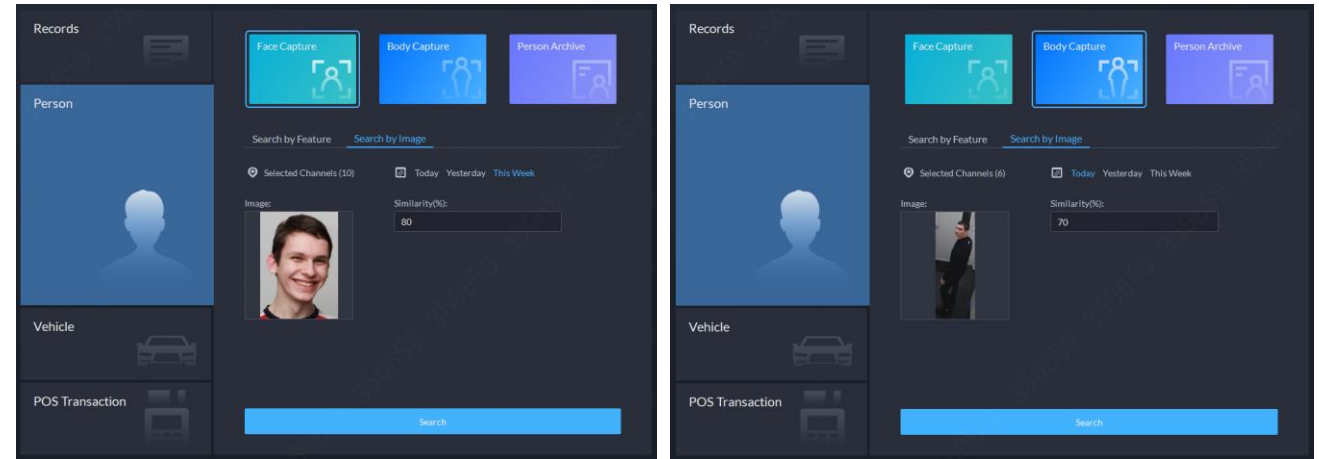
DeepXplore – search for a person

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



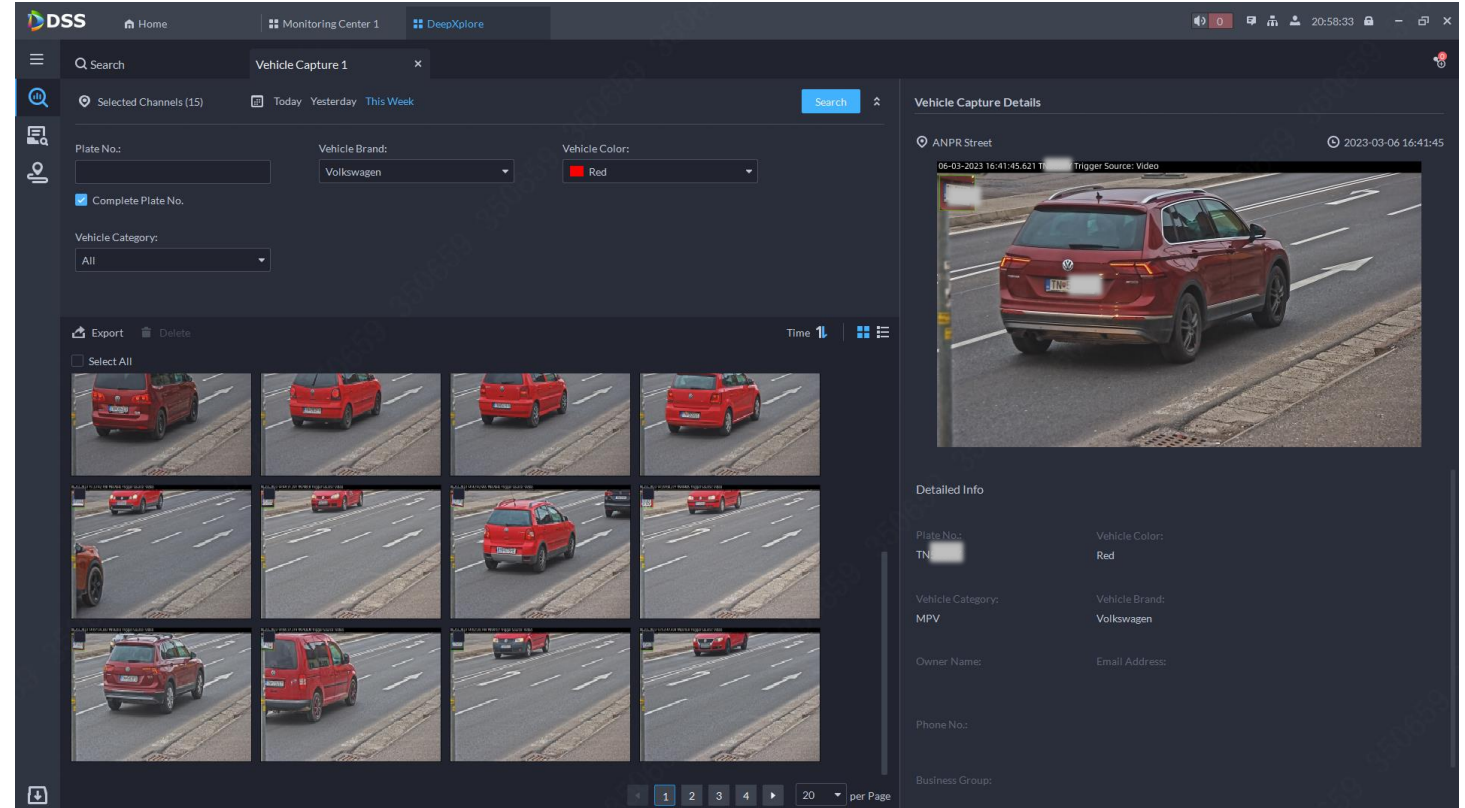
DeepXplore – search for a person

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



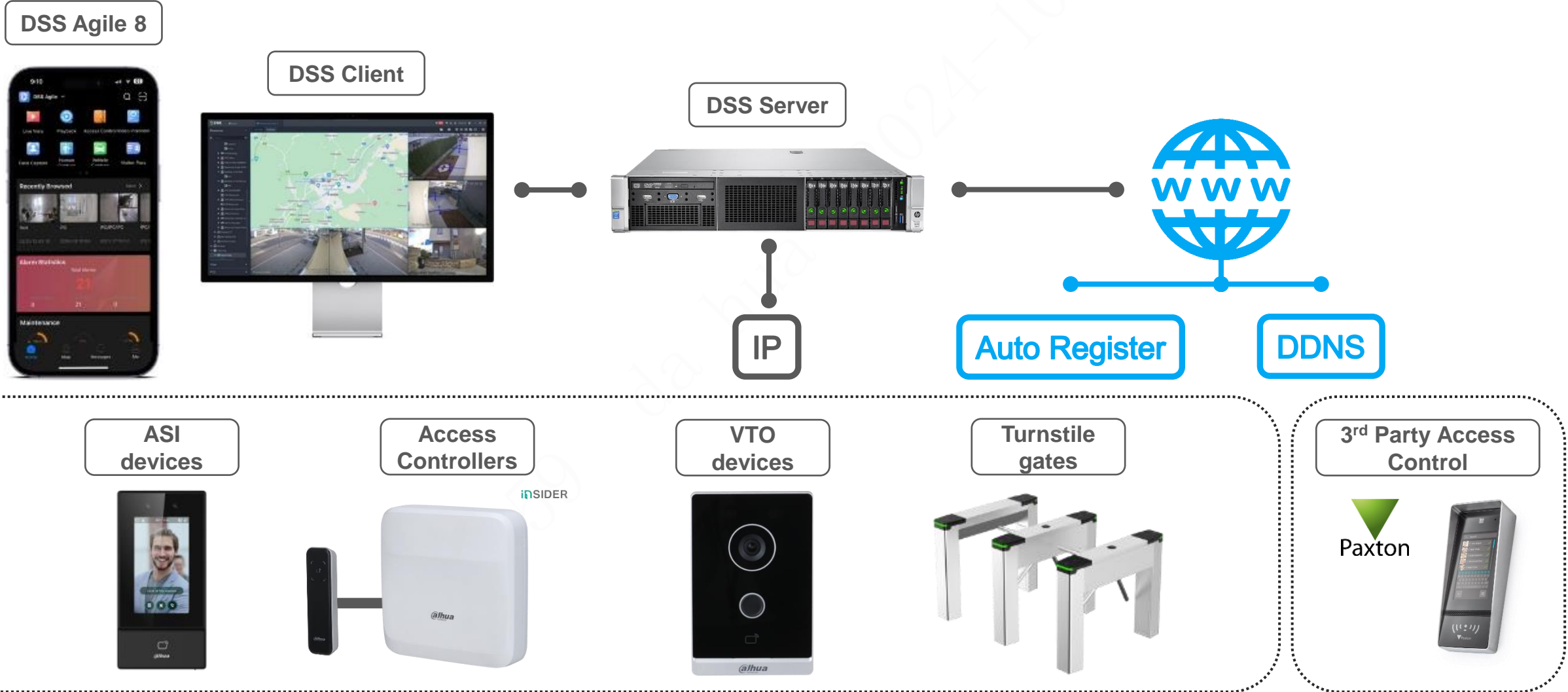
DeepXplore – search for vehicle

- 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



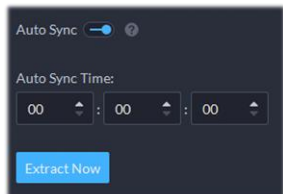
Access Control - How does it work with DSS?

- 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 displays the DSS Access Management interface. The main panel shows a grid of door status cards. Two cards are highlighted with blue callouts: 'Door offline' pointing to two '192.168.155_Door' cards with 'The device is offline' messages, and 'Verification' pointing to a card for 'David Siegel' at '98 ASI Showroom'. A third callout, 'Door and Lift', points to a card for 'David Siegel' at '.52 Lift Controller'. Below the grid is an 'Event' table with columns for Event Type, Event, Time, Zone, Access Point, Person, ID, and Entered/Exited. The table shows several events, including 'Valid Swipe', 'Stranger (Card)', 'Authentication on ...', and 'Device Tamper Ala...'. A blue callout 'Exceptions and Alarms notifications' points to the 'Event' table. On the right, an 'Event Detail' window shows a 'Valid Face Unlock' event for 'David Siegel' with a 'Normal' status, a live video feed, and contact information.

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_...		1111111	
Alarm	Device Tamper Ala...	2023-11-16 13:28:...					In

Exceptions and Alarms notifications

Door offline

Verification

Door and Lift

Detailed info

Access Control – Easy Management

- Easy video channel binding for a better overview

The screenshot displays the DSS Access Management interface. At the top, there are navigation options like 'Home' and 'Access Management'. Below this, a 'Menu' sidebar on the left includes 'Access Control', 'Access Records', 'Video Intercom', and 'Visitor'. The main area features a floor plan with a pop-up window for '.26 VTO Office_Door1' showing its name and zone. A control panel above the floor plan includes buttons for 'Normally Open', 'Restore', 'Normally Closed', 'No Authentication Mode', 'Authentication Mode', and 'Lock Mode'. At the bottom, an 'Event' table lists recent access events.

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	🔒

David Siegel
42605653

Access Control – Management of Persons

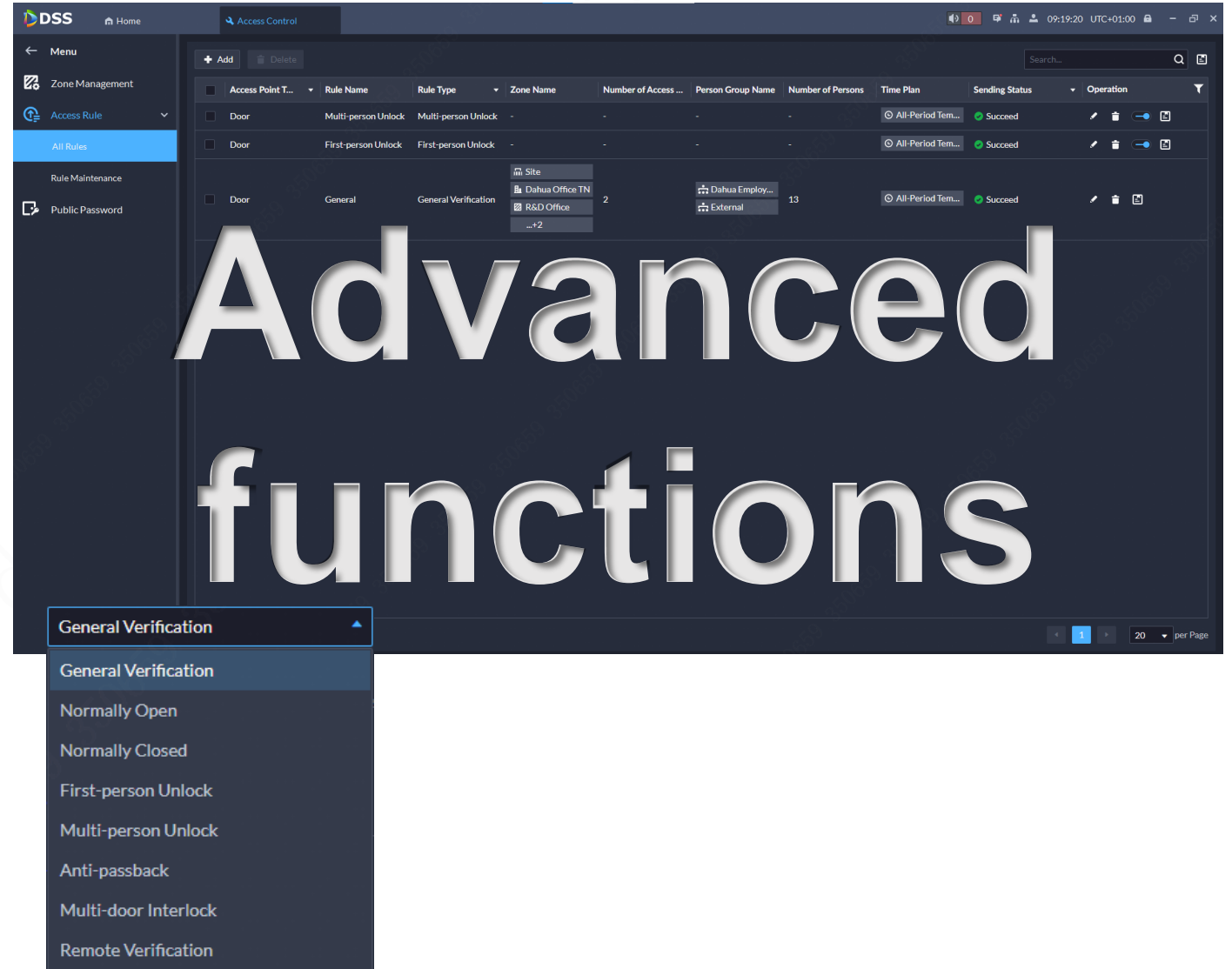
- Simple user management
- Possibility to import or export users via XLS file
- Ability to pull users from AC device
- Possibility to connect to external database
- Add users in batches
- 1 database for Access Control, Face Recognition, VDPs, Vehicle entrances
- From DSS V8.2 the same list is used for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

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

Total 10 Record(s)

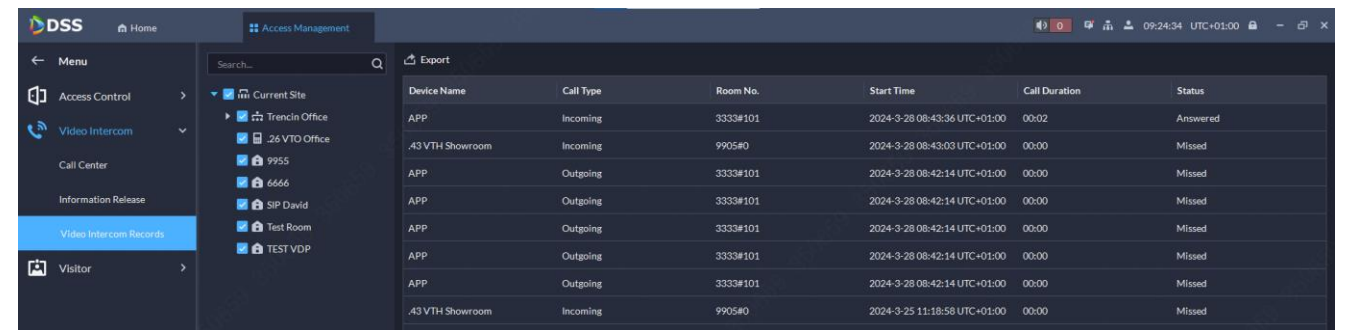
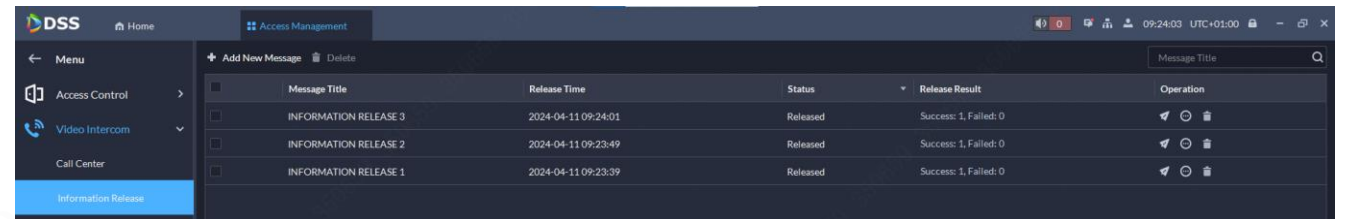
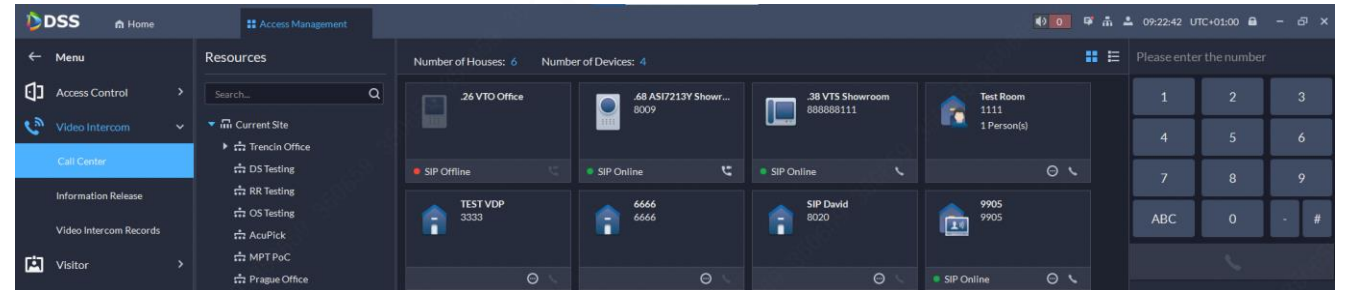
Access Control – Advanced Rules

- **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



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 main window shows a table of visitor appointments with columns for Visitor Name, Card No., Phone No., Host Name, Host Company (Department), Appointment Arrival Time, Visit Time, Status, and Operation. Two entries are visible: 'Customer 1' (Host: Roman) and 'Test Visitor' (Host: David Siegel), both with a status of 'Appointment In Progress'.

Below the table, there are two 'Visit Details' modal windows. The left window shows fields for Host Name, Host Company (Department), Host Email Address, Visitor Name, Visitor Company, ID Type (set to 'ID Card'), ID No., Phone No., Email Address, Plate No., Reason for Visit, Arrival Time (2024-04-11 09:35:54), and Appointment Leaving Time (2024-04-11 11:35:54). The right window shows a list of selected sites: 'Current Site', 'Trencin Office', and '68 ASI7213Y Showroom', with 'Door 1' selected under the showroom.

Overlaid on the interface is a 'Visitor Pass' card for 'Test Visitor'. The card features a QR code and the following information:

- Phone No.: 78945621316
- Plate No.: AA123BB
- ID No.: 78451
- Remarks:
- Validity: 2024-04-11 09:35:54 - 2024-04-11 11:35:54

 A note below the QR code states: 'The pass is valid only within the visit period. Please generate a new pass after the period.'

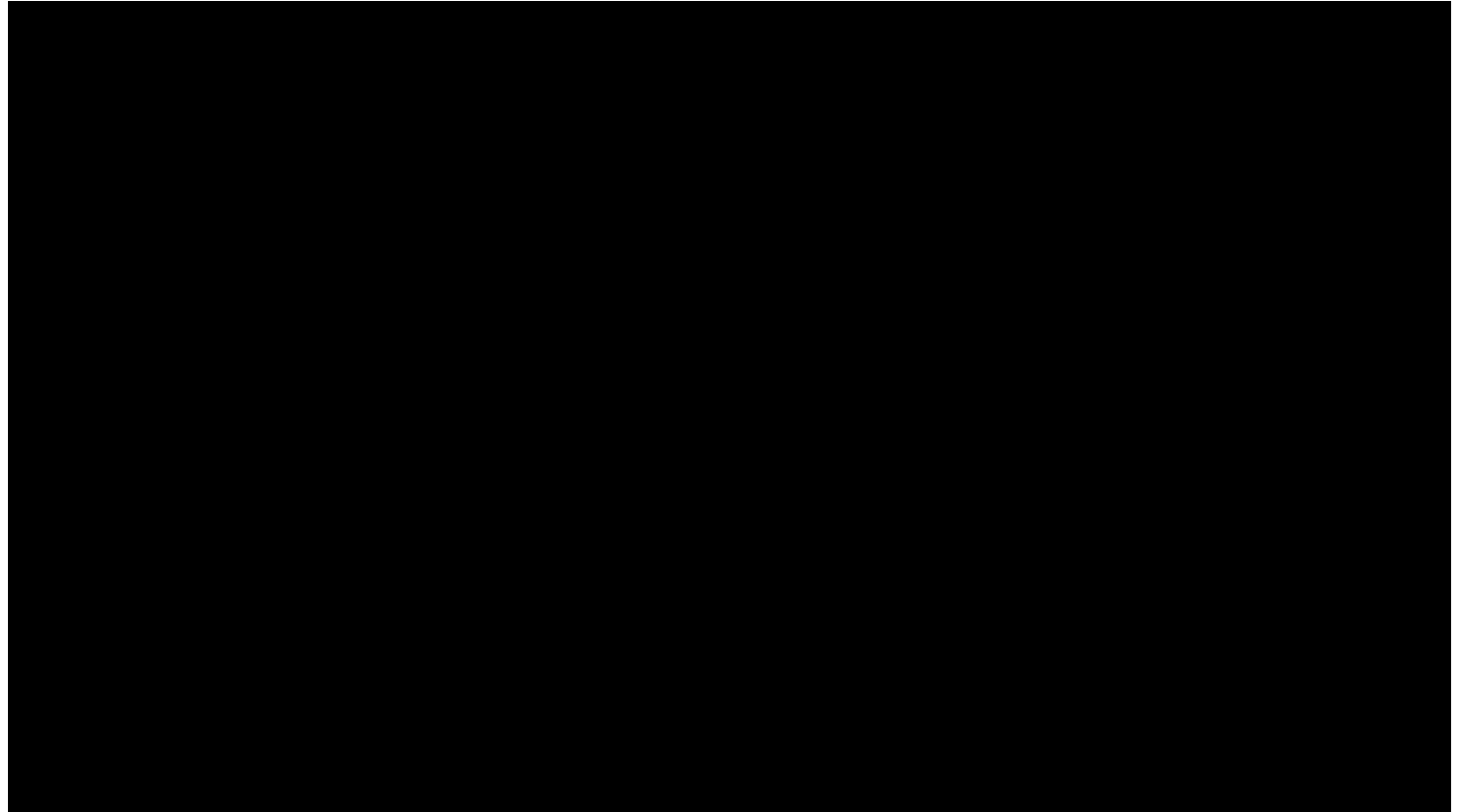
DSS Professional – Parking Lot

- 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



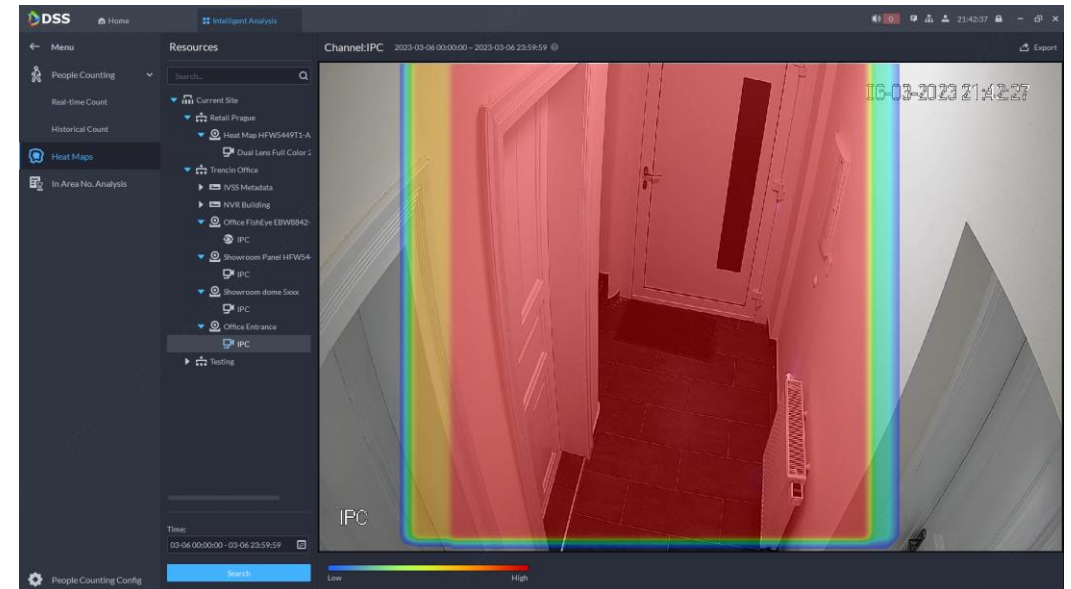
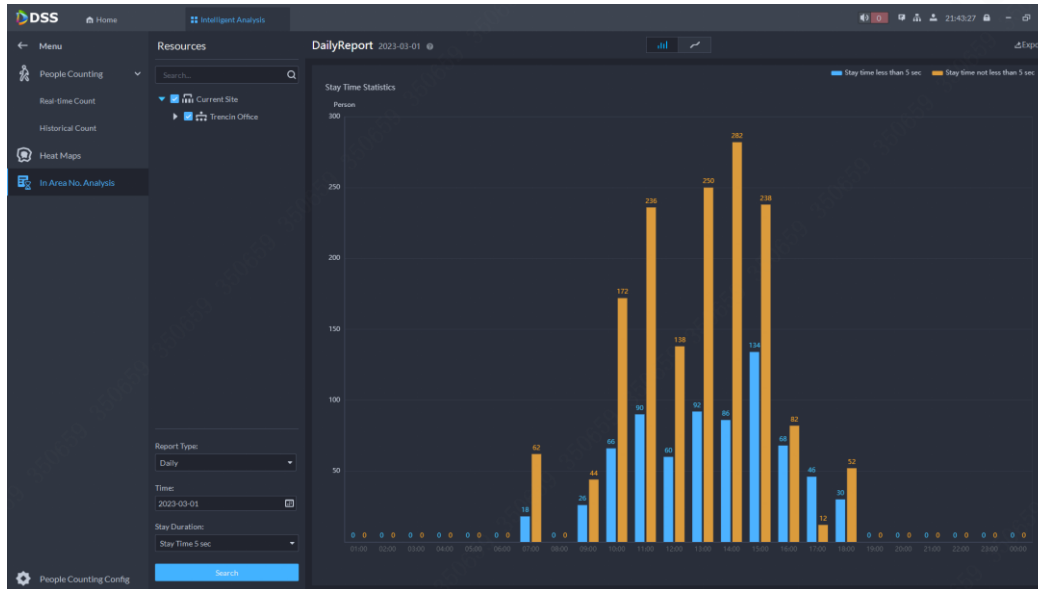
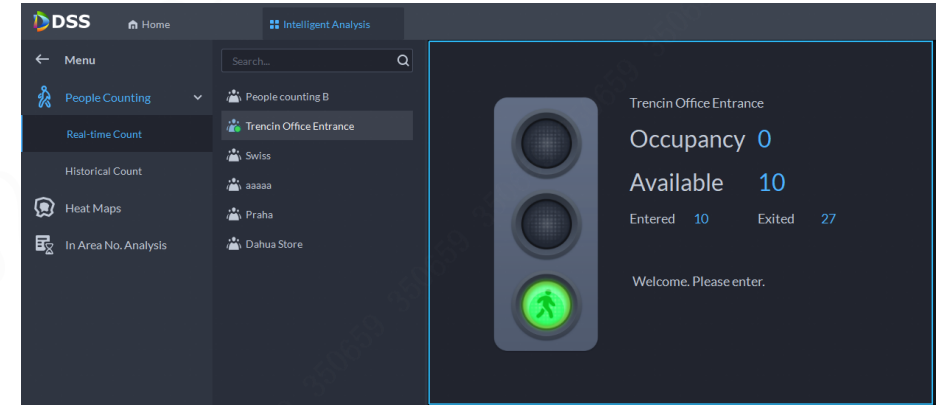
DSS V8.6 Advanced Parking Lot Features

- 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



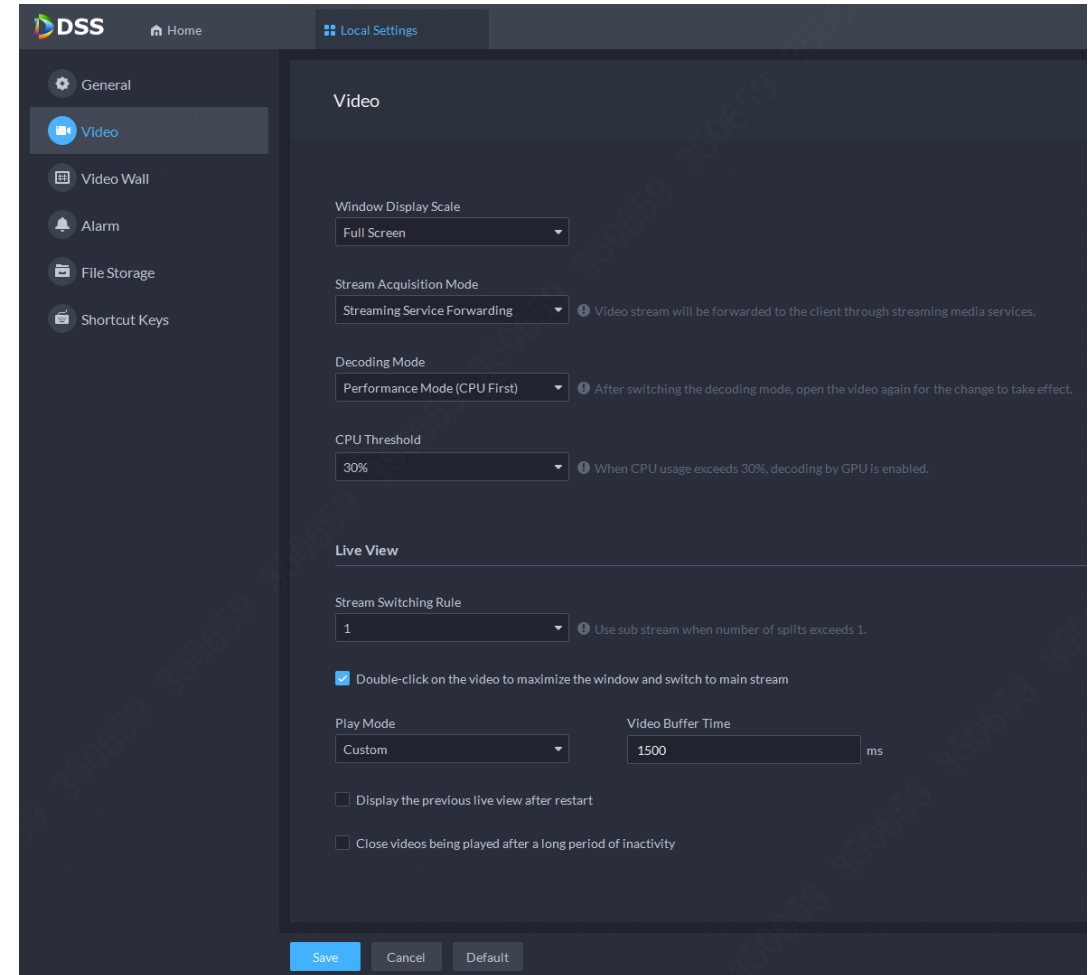
DSS Professional – Maintenance Center

- 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

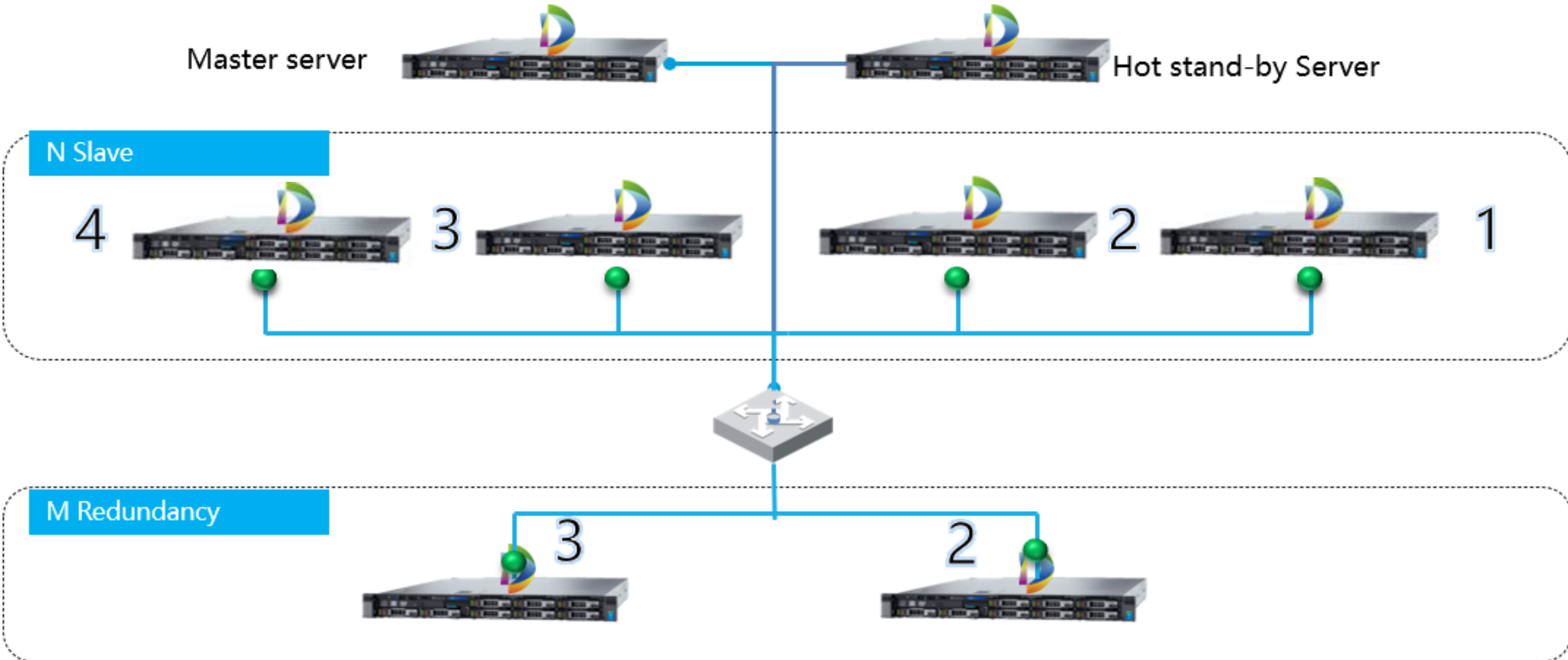


DSS Client – personalize it to your needs

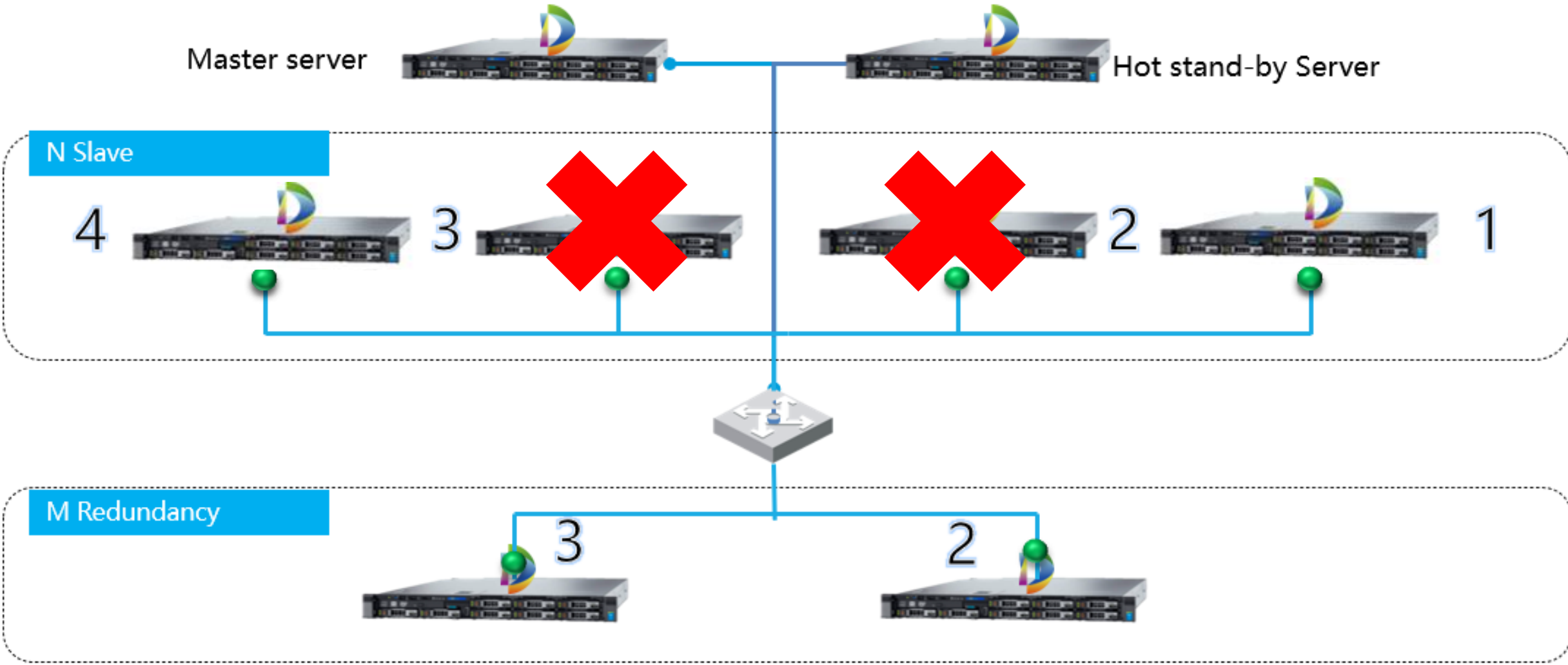
- Set auto run and auto login
- Notifications about CPU usage
- Audio and video transmission encryption
- Auto Lock of DSS Client
- Stream Acquisition Mode
- Decoding mode by CPU, GPU or combined
- Stream switching rule – when should DSS Client switch to Sub Stream automatically
- Play Mode – Real-time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



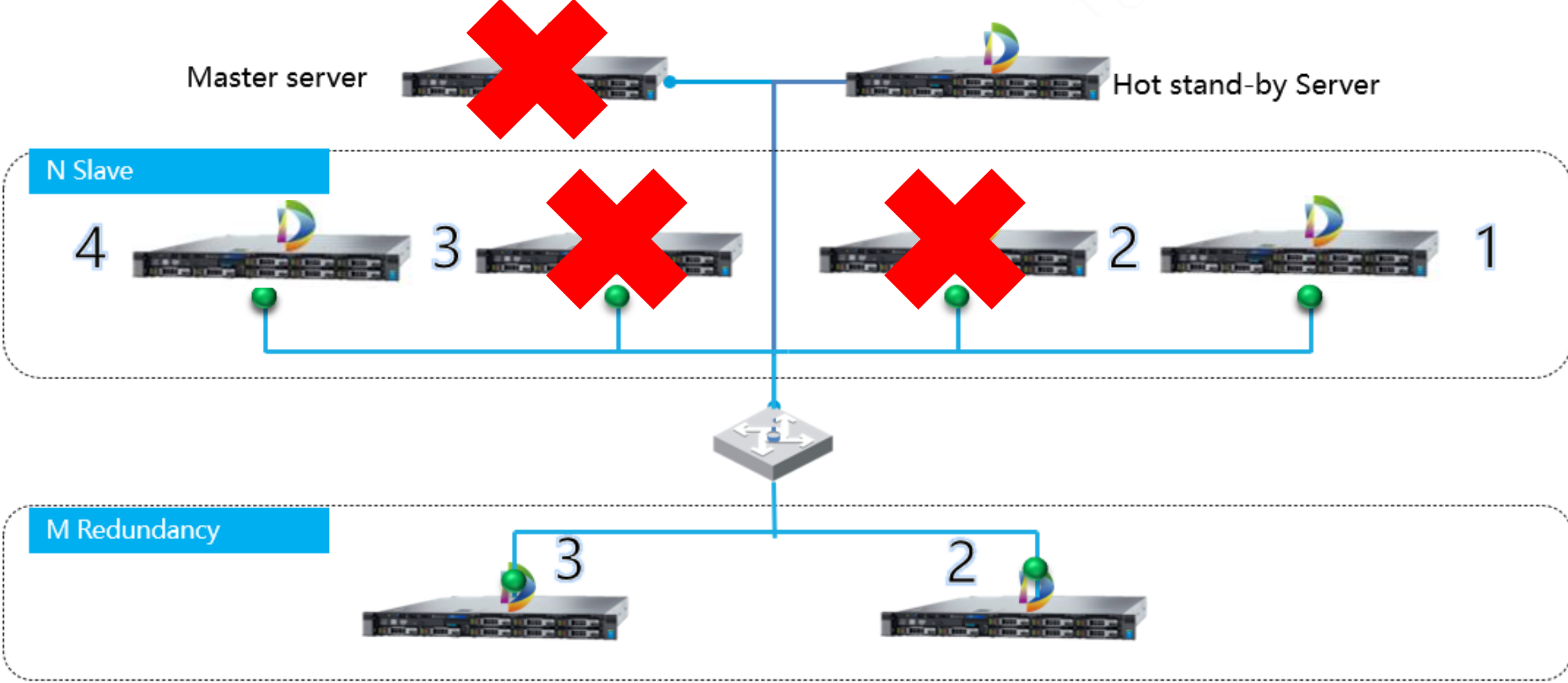
Next level for every VMS – N+M



Next level for every VMS – N+M

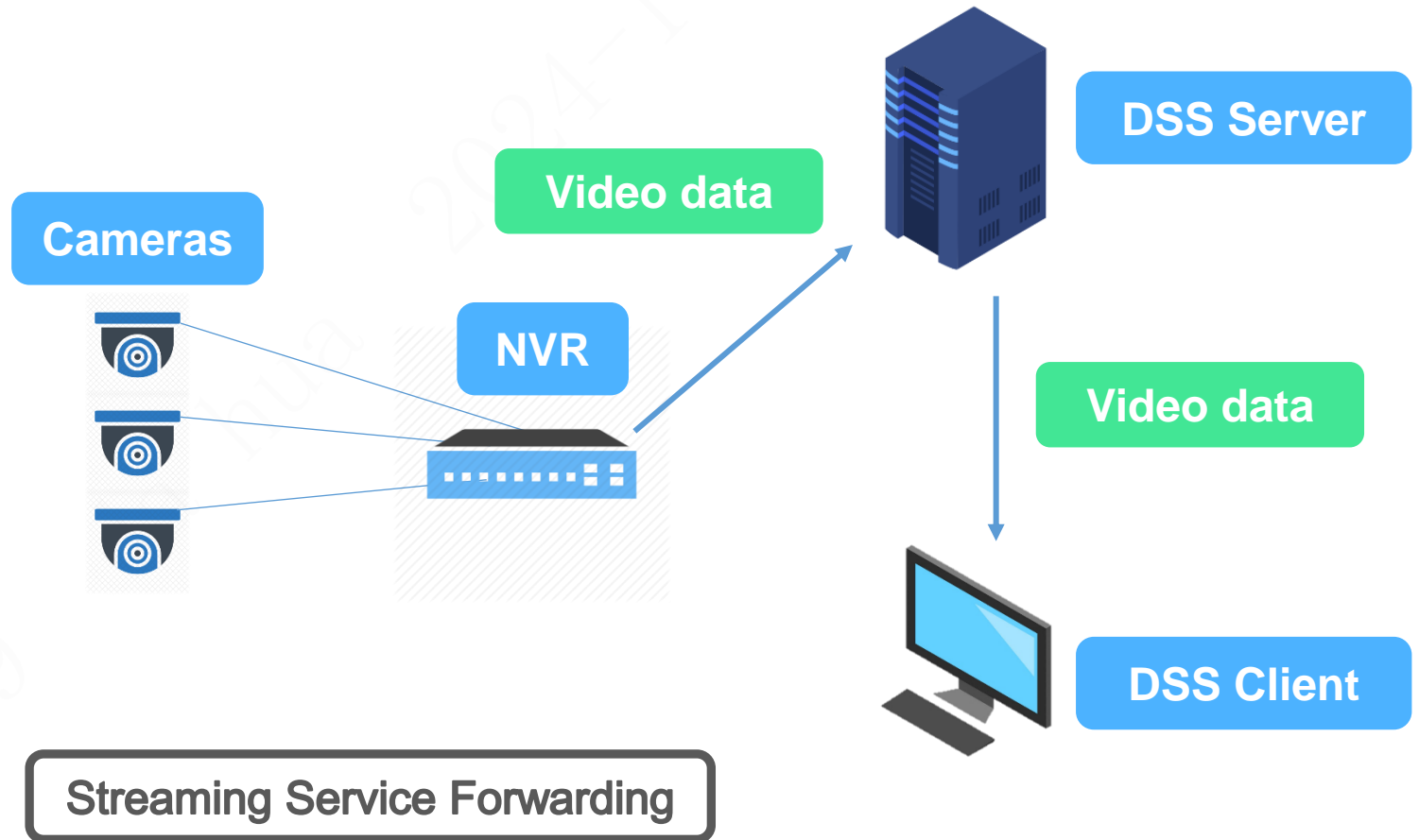


Next level for every VMS – N+M



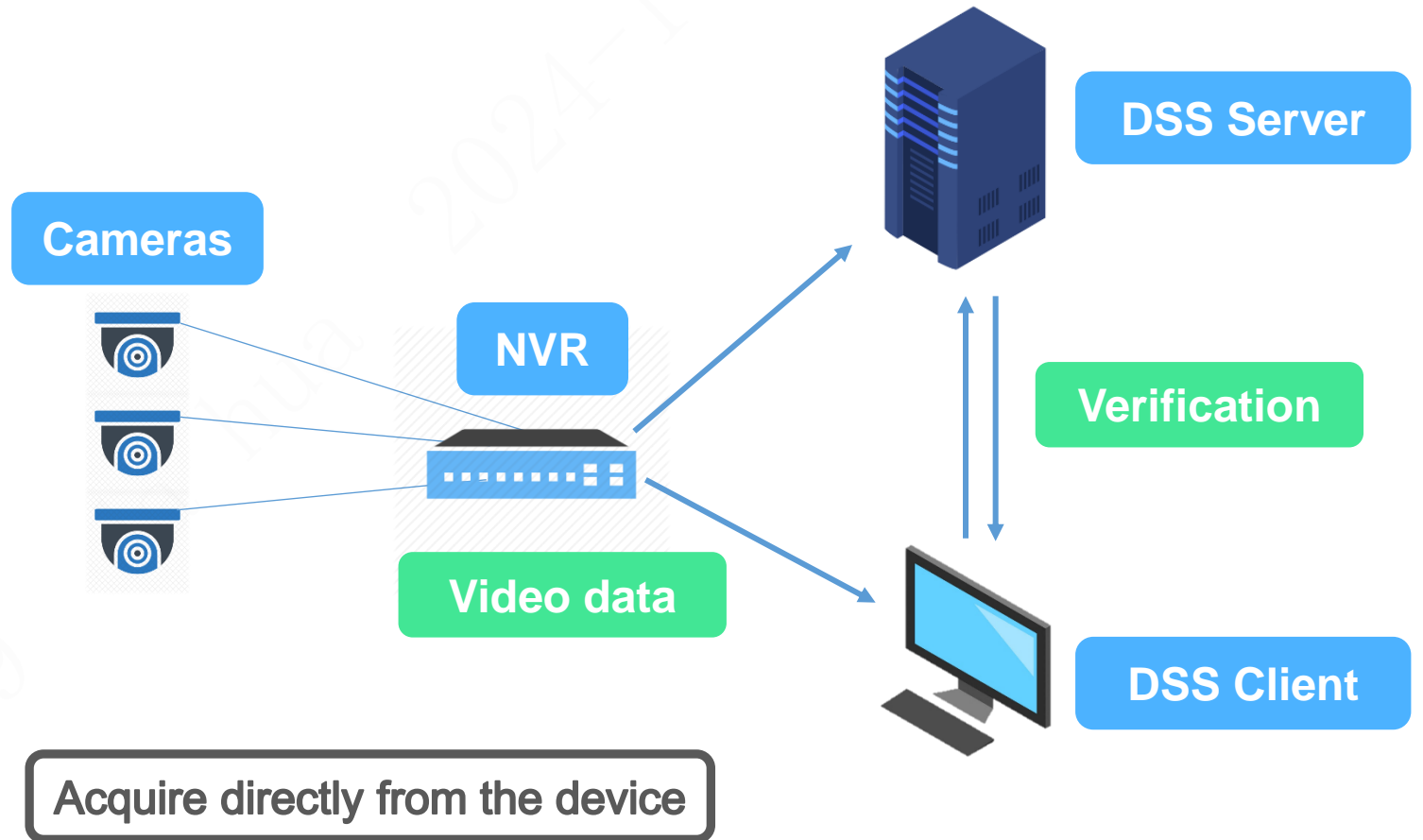
DSS Client – Acquiring Video Stream

- 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



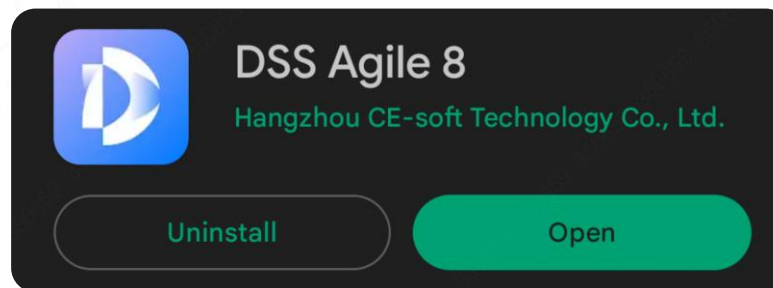
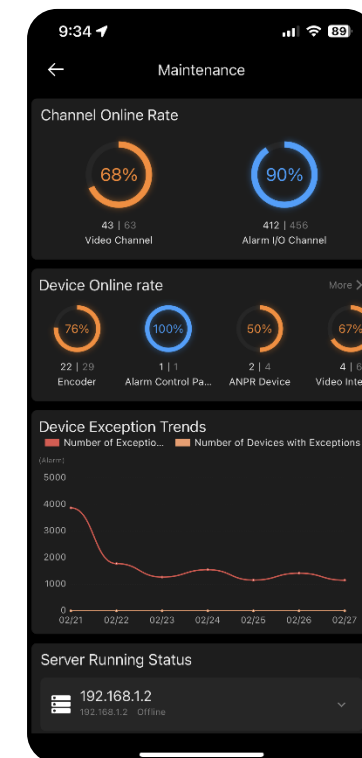
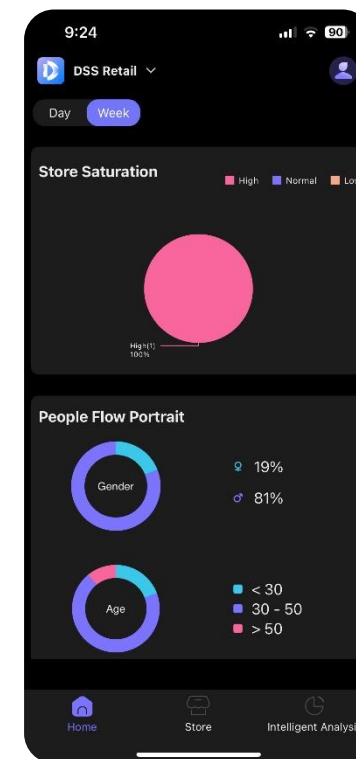
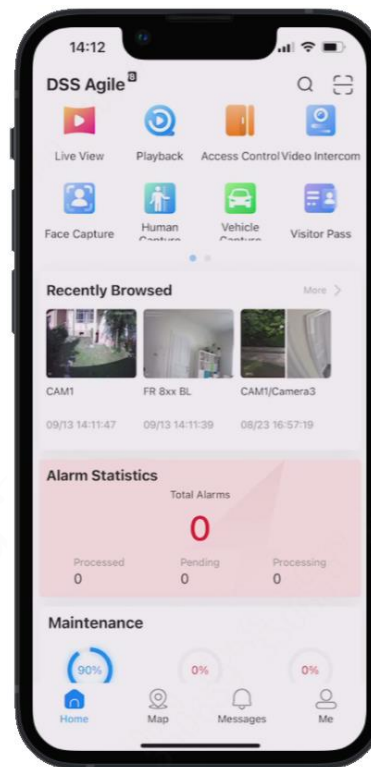
DSS Client – Easy way of integration

- 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



Brand New Dahua Security System (DSS) 8.0

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- 1 New UI Design, New Experience
- 2 Application-Based Design, Easy to Use
- 3 DeepXplore Target Search, Easier & Faster

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- software.dahuasecurity.com

Check in and get 1000 points



Check in the QR code for 1000 points and extra gift



DSS Pro is more than just a VMS

THANK YOU