



OMNY Video solutions

SNR is More Than Equipment. It's Your Business Reliability

SNR delivers premium-class telecommunications solutions. Our powerful servers, high-speed switches, and robust storage systems ensure flawless digital infrastructure operation, even under the most demanding loads. We guarantee not just stability, but confidence for your business's future

Quality
and reliability

Flexibility, performance,
and efficiency

Adaptability and
ease of access

The SNR Strength: 18 Years of Growth & Global Presence

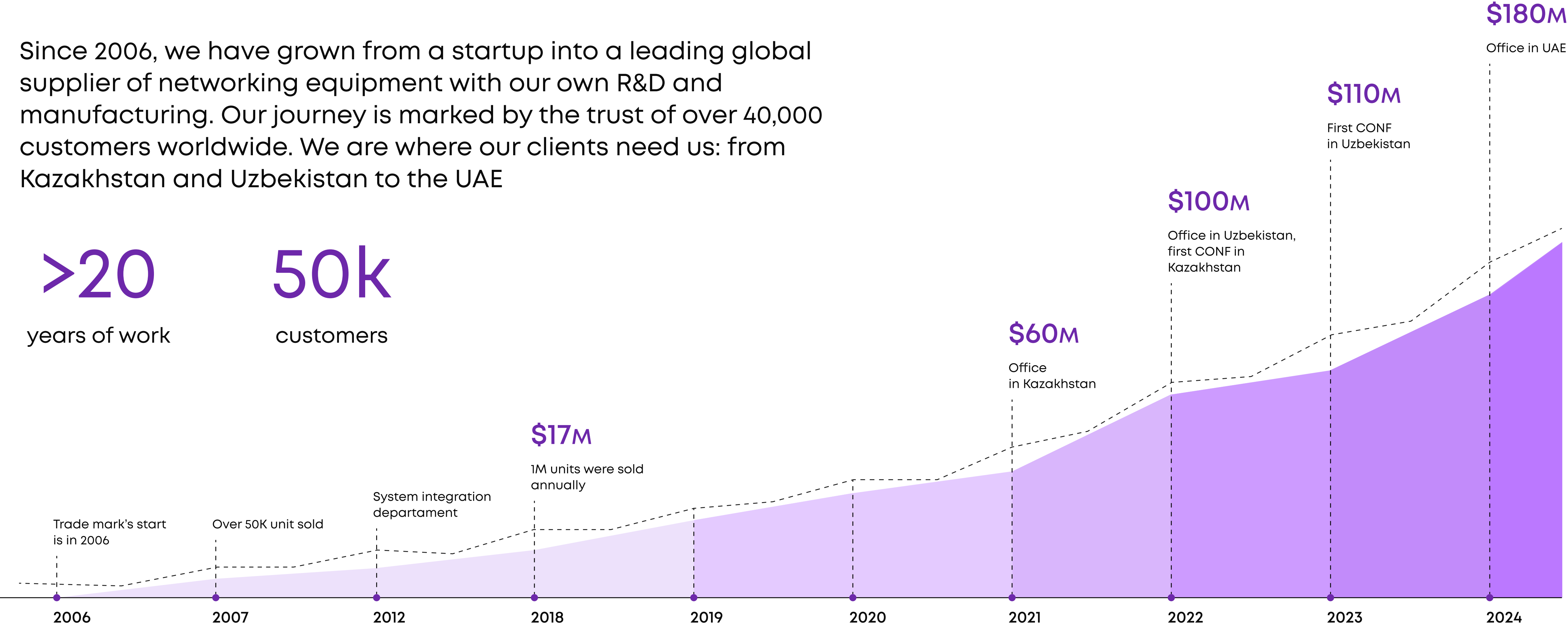
Since 2006, we have grown from a startup into a leading global supplier of networking equipment with our own R&D and manufacturing. Our journey is marked by the trust of over 40,000 customers worldwide. We are where our clients need us: from Kazakhstan and Uzbekistan to the UAE

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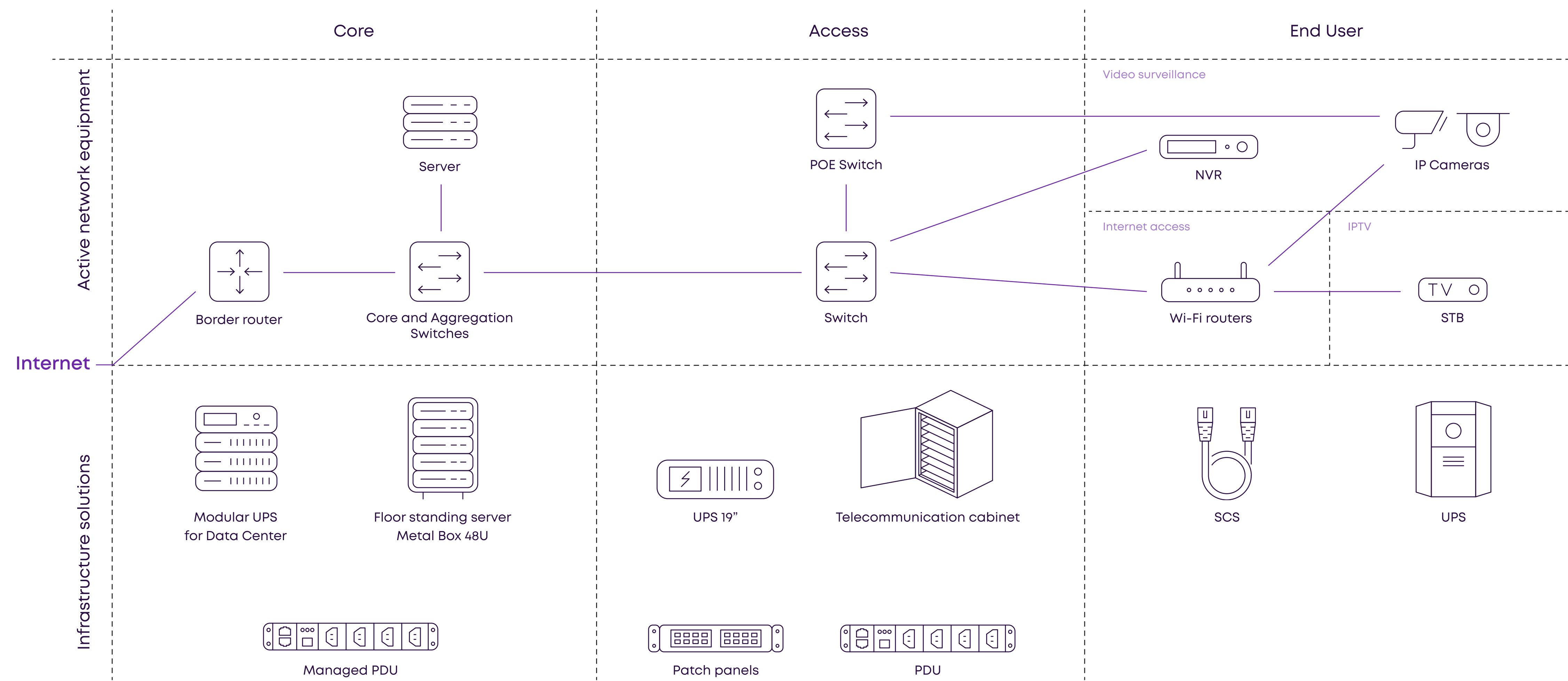
years of work

50k

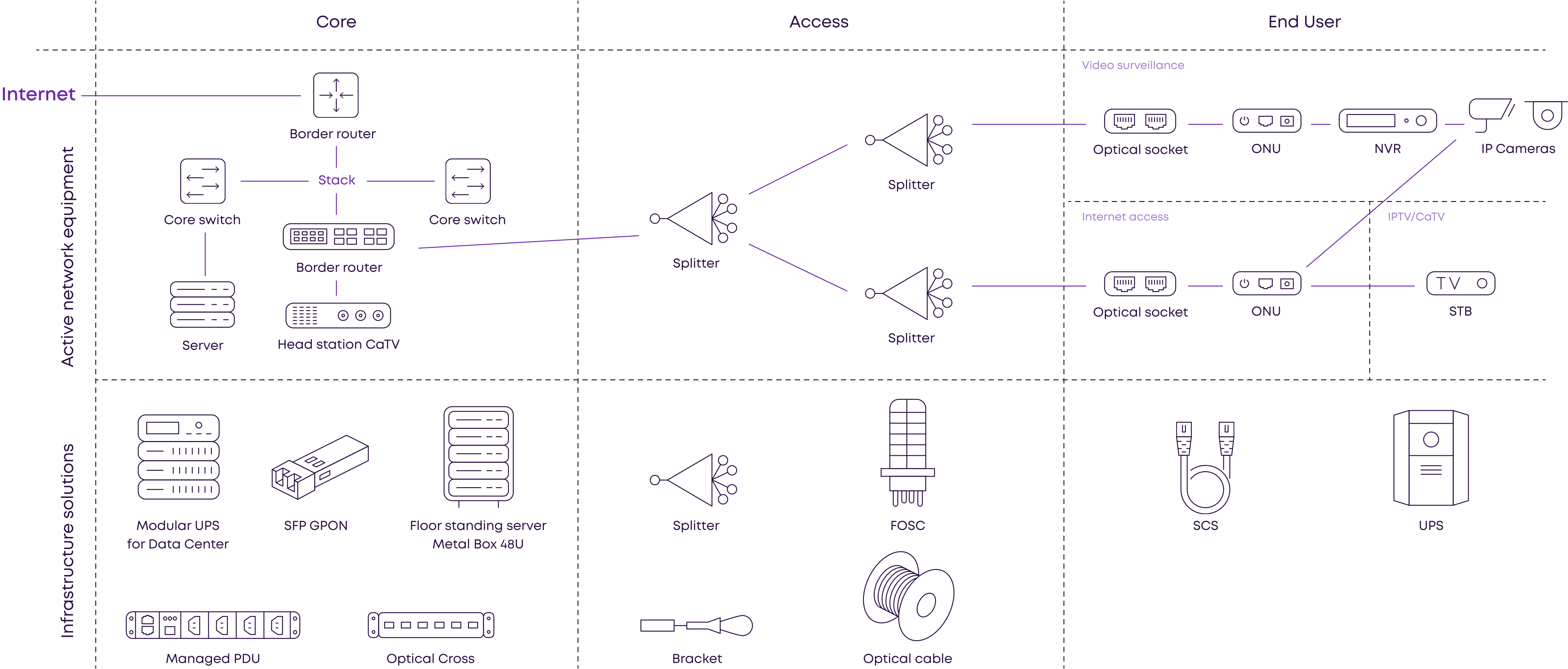
customers



SNR equipment ecosystem example (MetroEthernet)



SNR equipment ecosystem example (xPON)





OMNY & OMNY Video

Equipment for network organization



Cameras

- Wide range of video cameras of different designs
- Availability of current items in stock
- High imagequality
- Weather resistance



Recorders

- Capacity of 4 to 64 channels
- Compact design
- High quality recording
- Easy toinstall and use



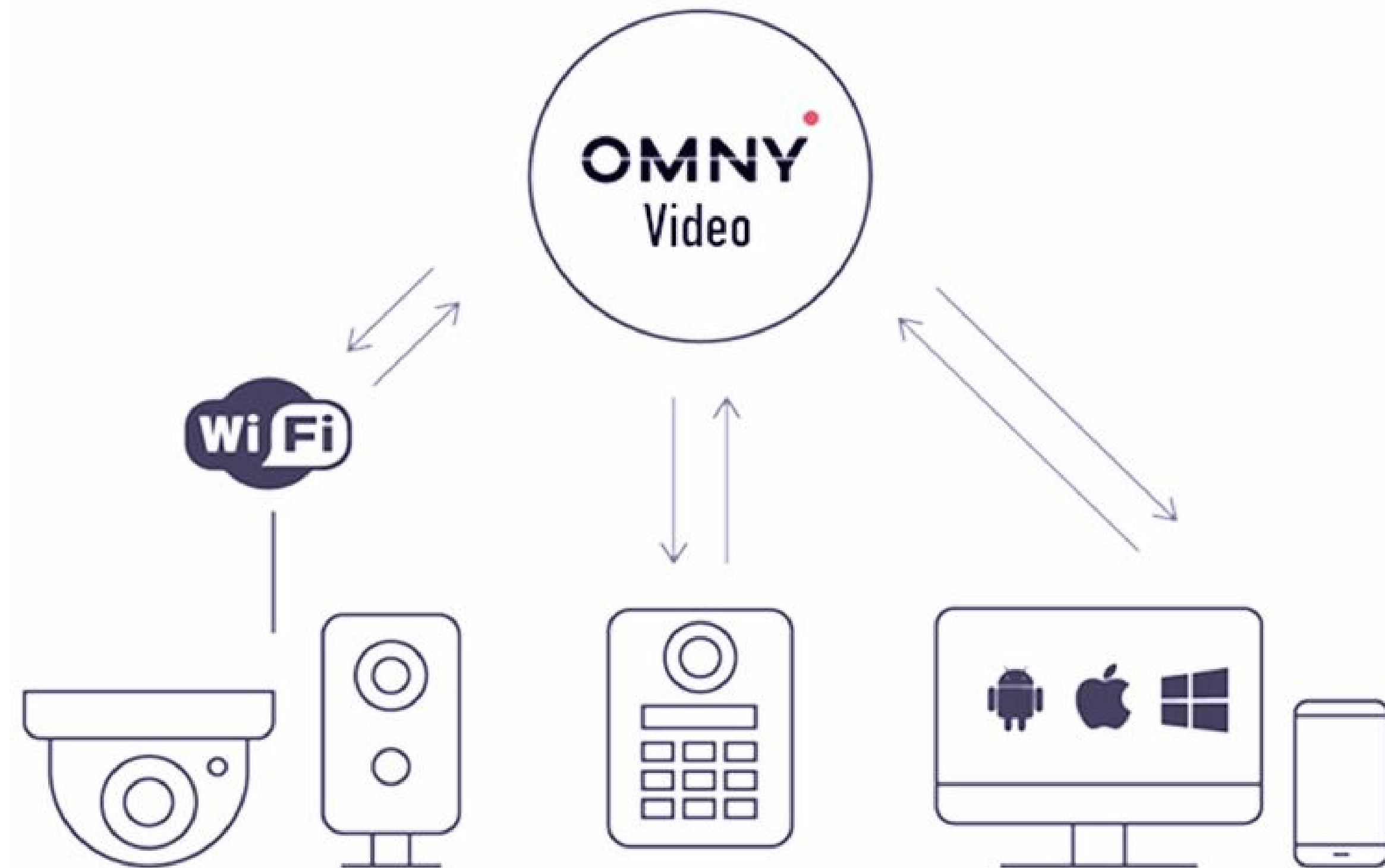
Servers

- Hi-End solutions
- Flexibility of customization
- Expandability
- Support forvarious storage formats

What is OMNY & OMNY Video

OMNY is SNR's brand consisting of complex solutions for video surveillance systems.

OMNY Video is a video surveillance platform designed to organize both on-premises and cloud-based video surveillance and video analytics systems.



OMNY Video platform

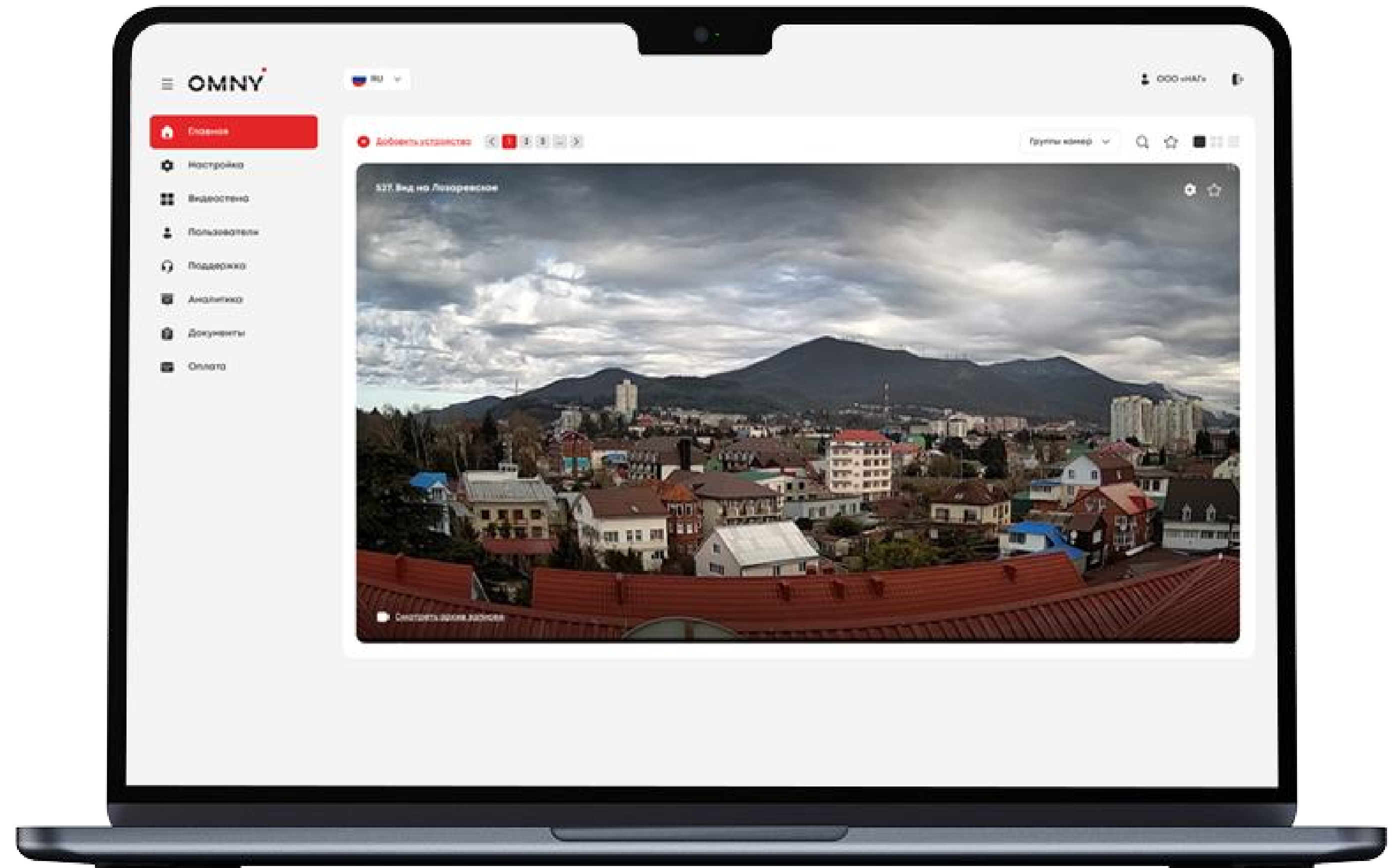
Omny Video is designed for the organization of local and cloud surveillance and video analytics systems.

Unified software product: WEB, VMS, mobileapp

- Collecting data from multiple NVRs in an application

- Cross-brand compatibility

- Black/White lists



Basic video analytics

Popular types of analytics:

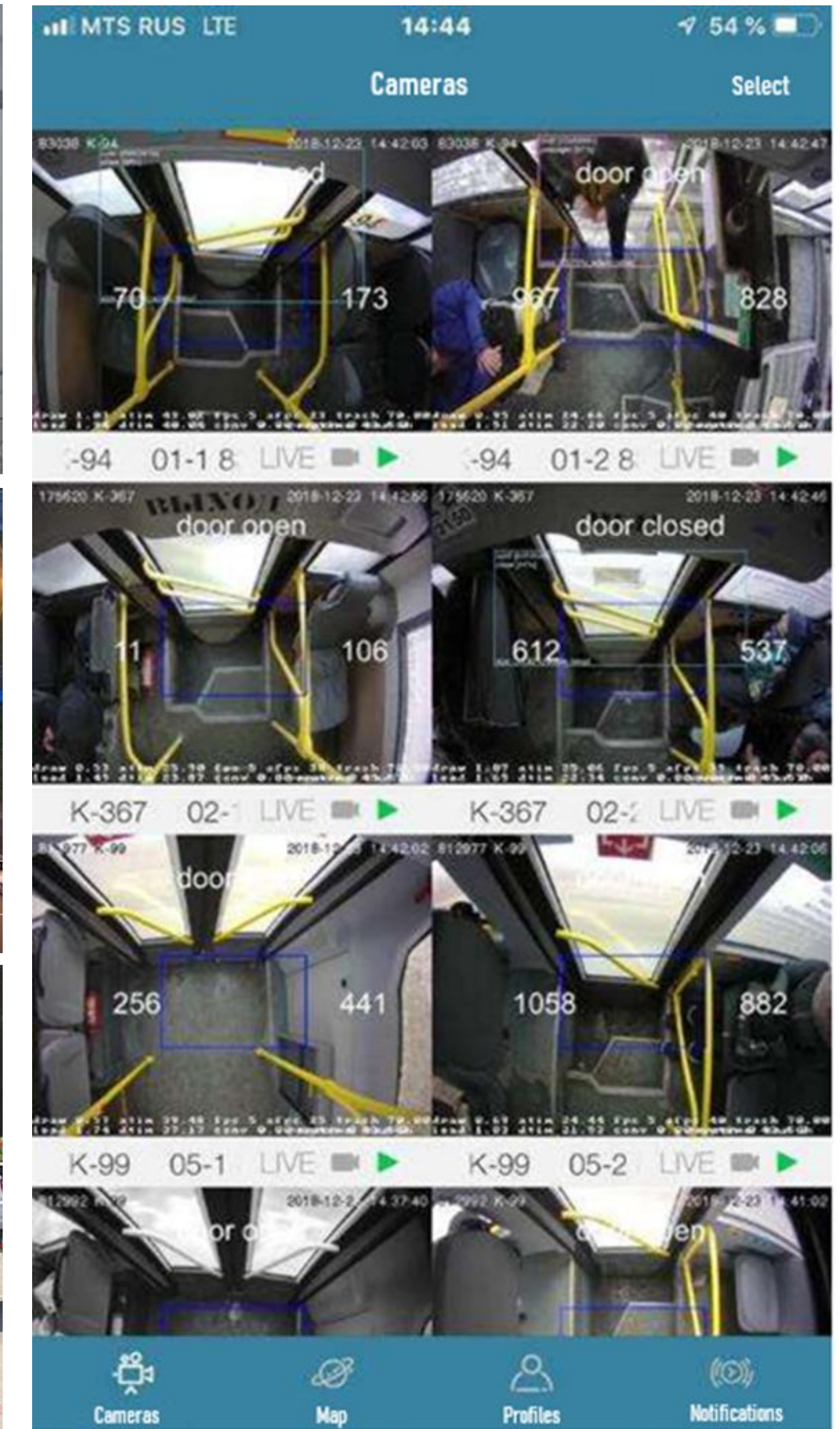
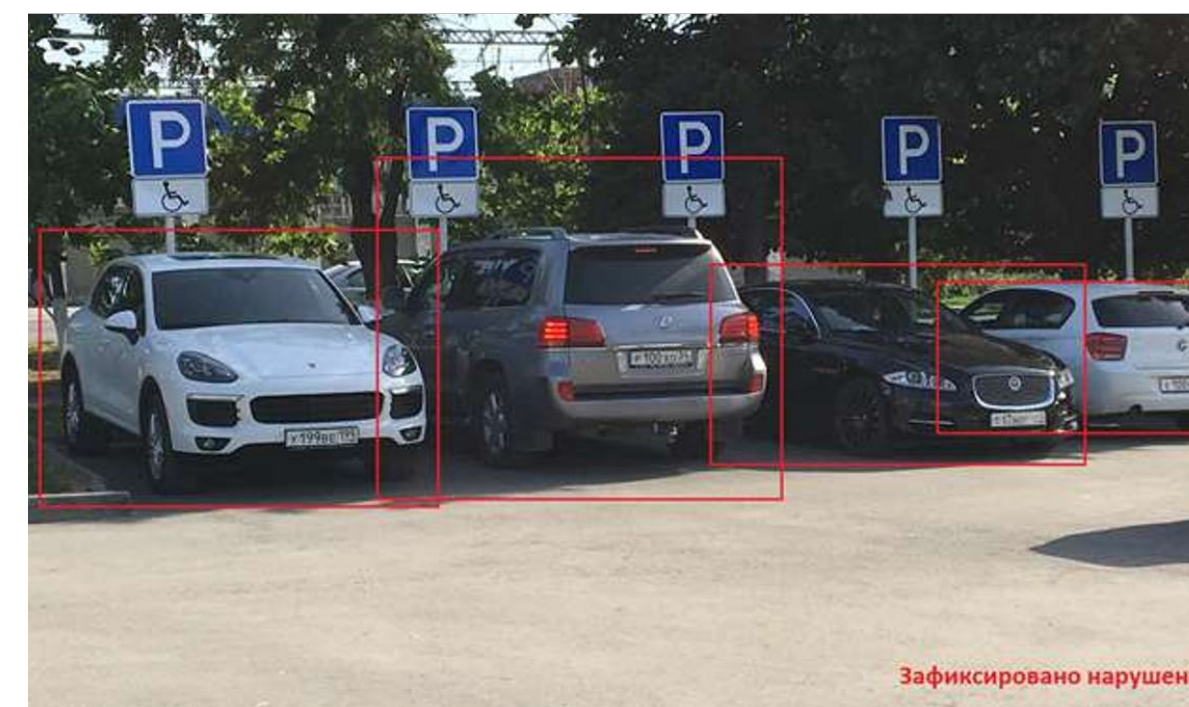
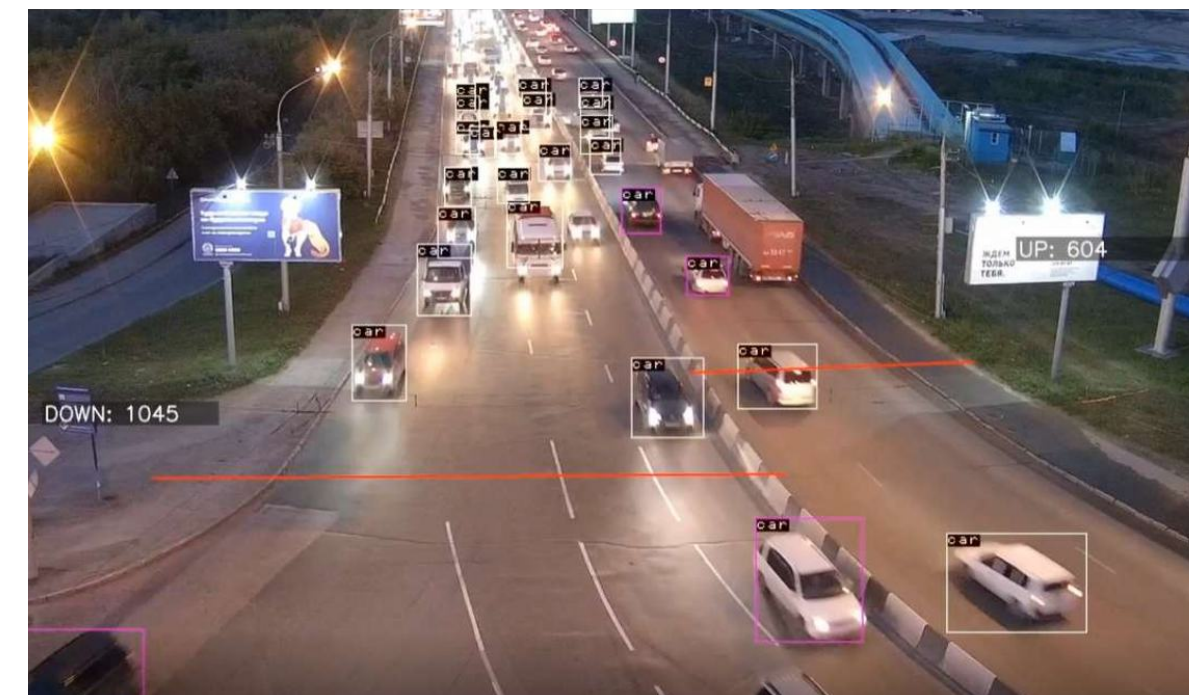
Passenger counting (95-98% accuracy).
Counting visitors

Vehicle License plate Recognition (LPR)
Identification of vehicle types

Face Recognition (FR). Determination of PVN
parameters (gender-age-mood module).

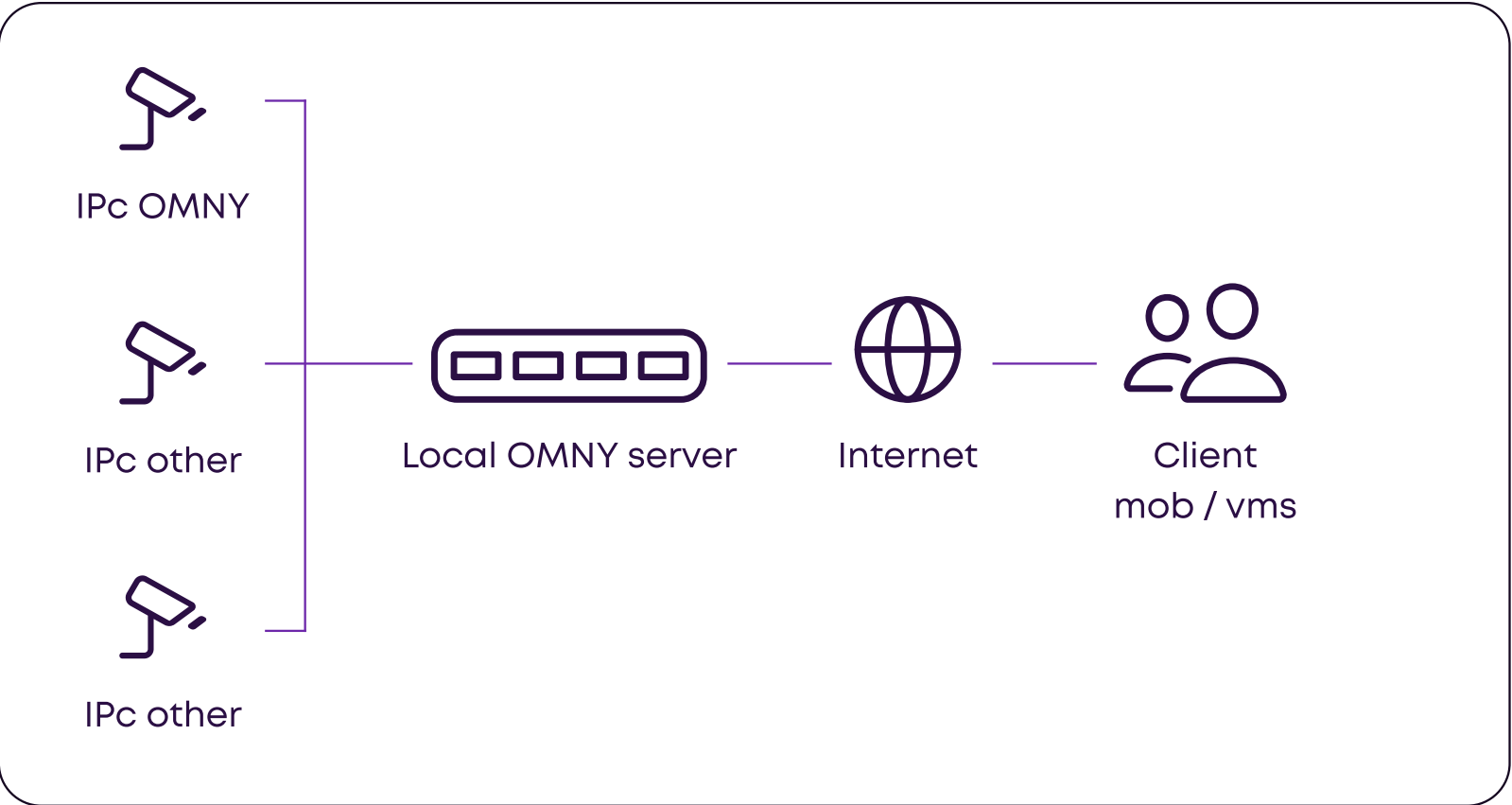
Determination of the availability of personal
protective equipment

Product recognition (product selection, SKU
recognition, price tag selection and recognition)

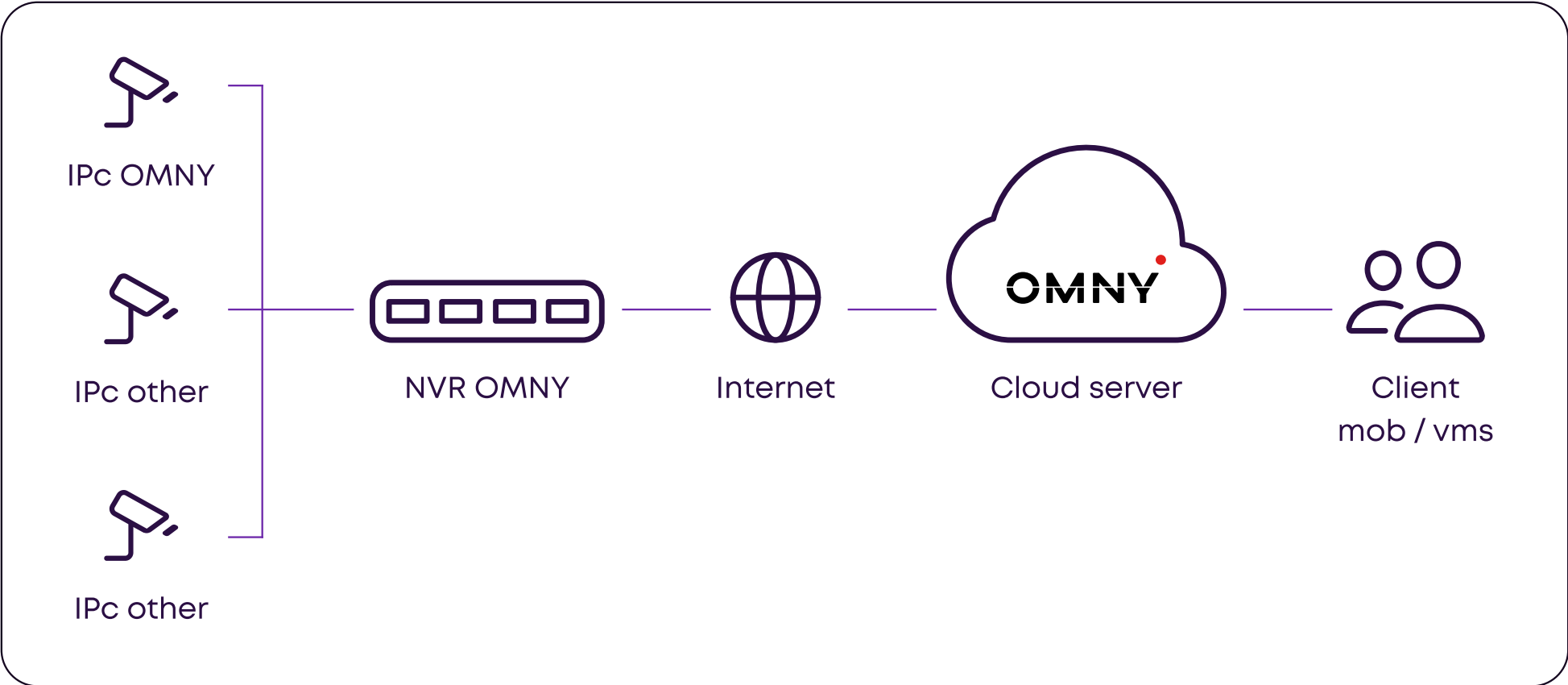


Platform compatibility and connection example

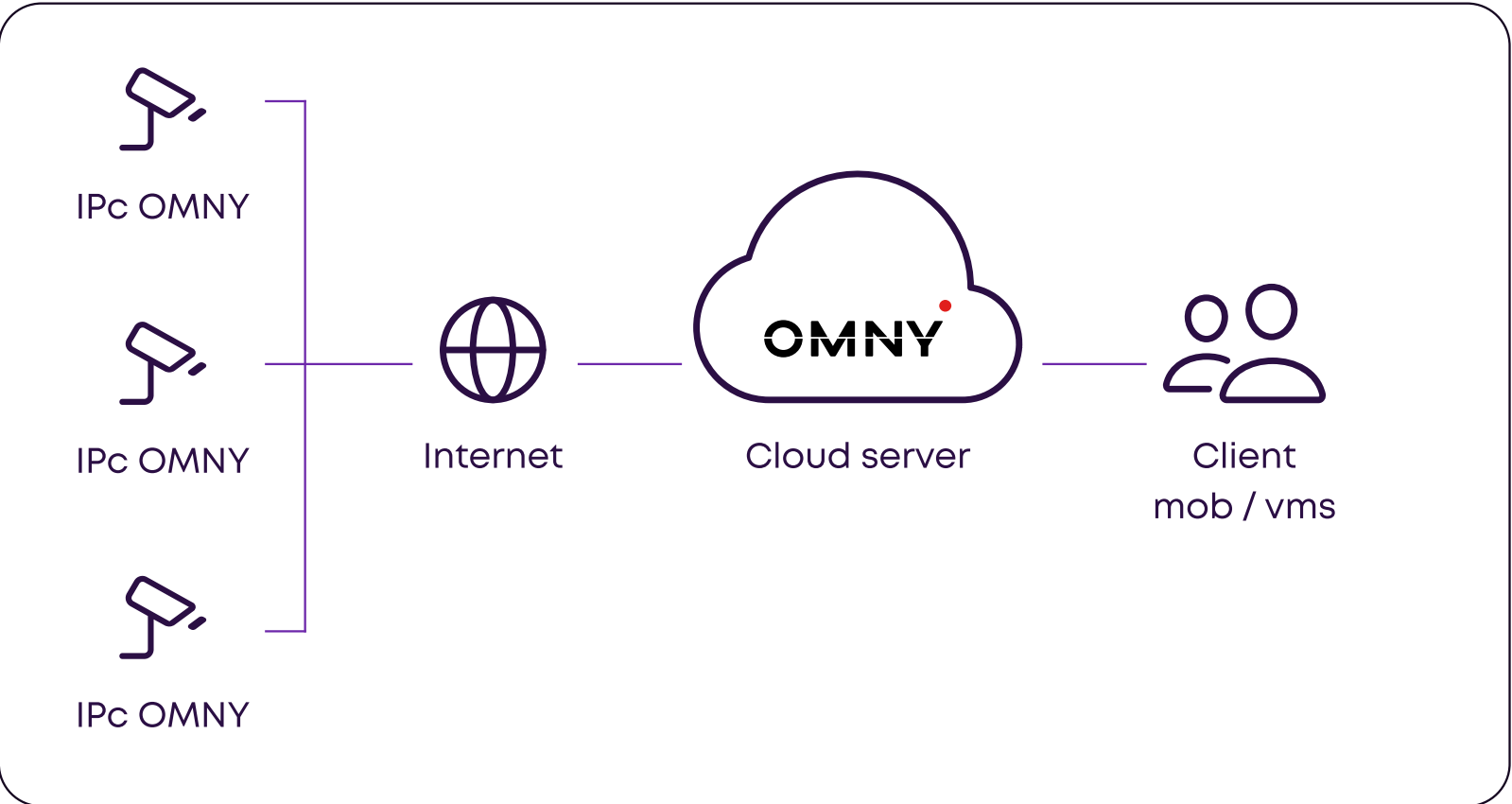
ONVIF and RSTP support ensures compatibility with all camera manufacturers



Connection diagram via OMNY Video server



Connection diagram of OMNY Video via NVR

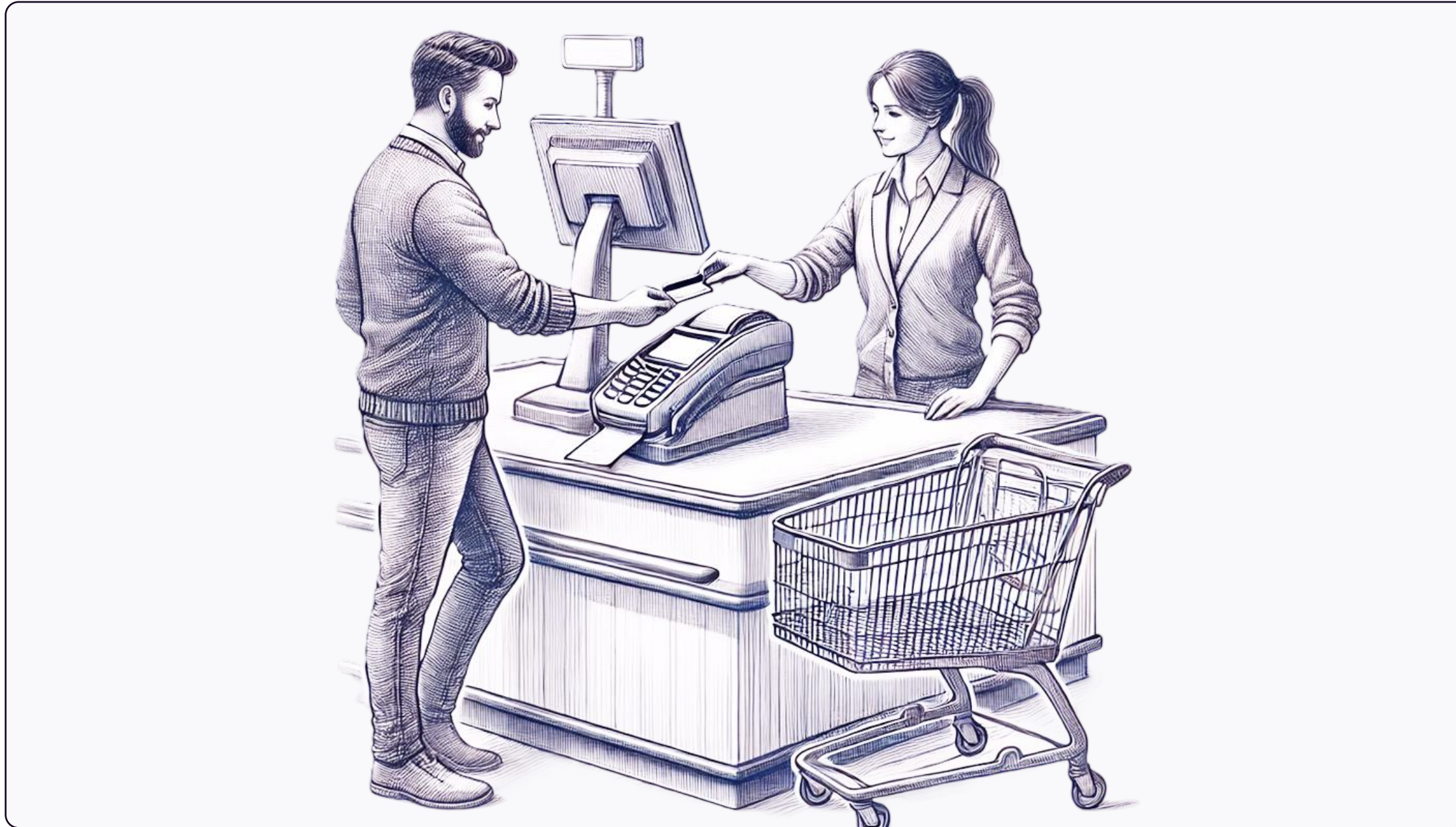


Connection diagram of OMNY Video via cloud server



The OMNY Video solution

Areas of application



The technology is used for

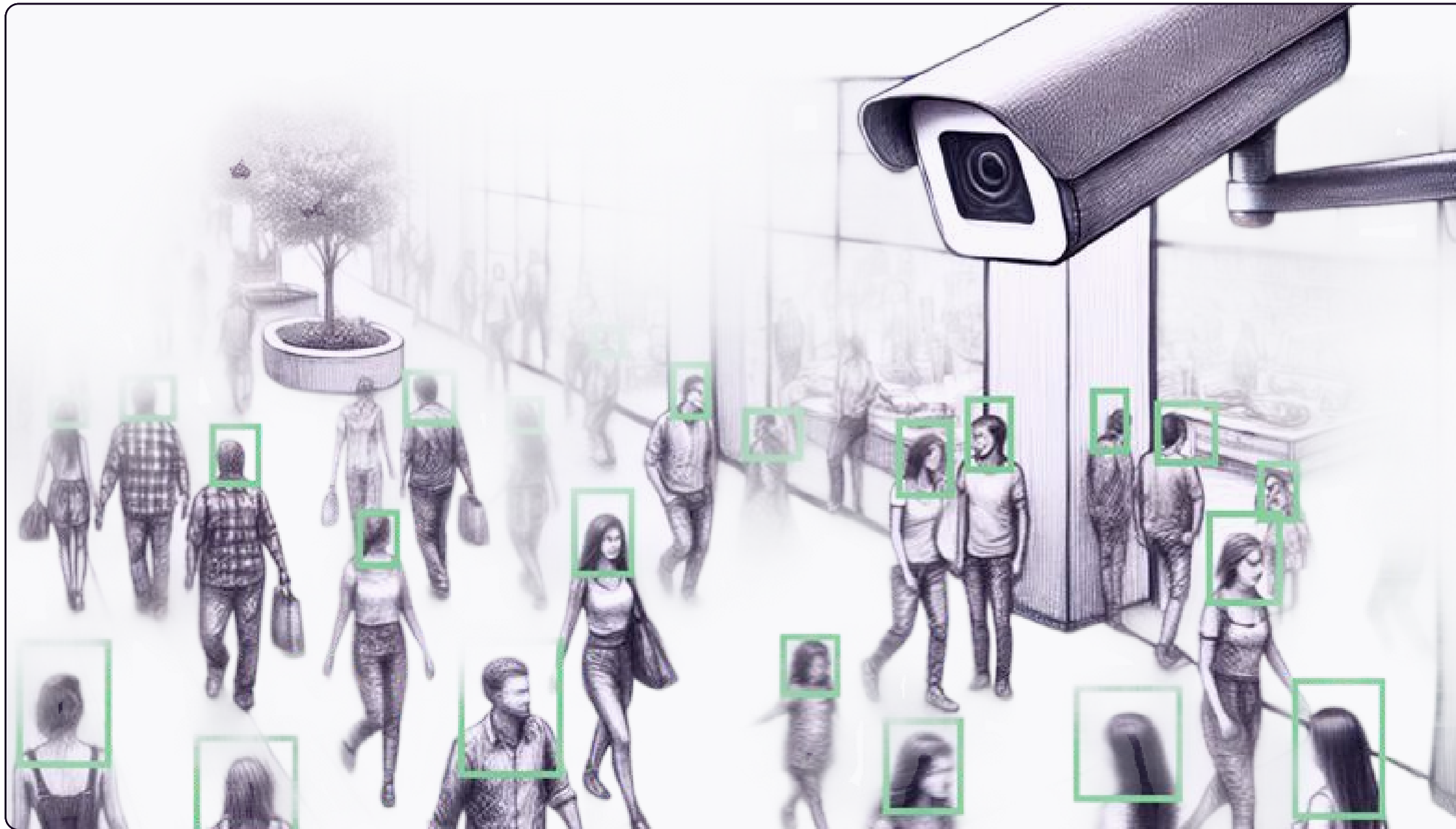
- Integration and control of cash transactions (POS)
- Video recording of received bills



Video recording of the customers count

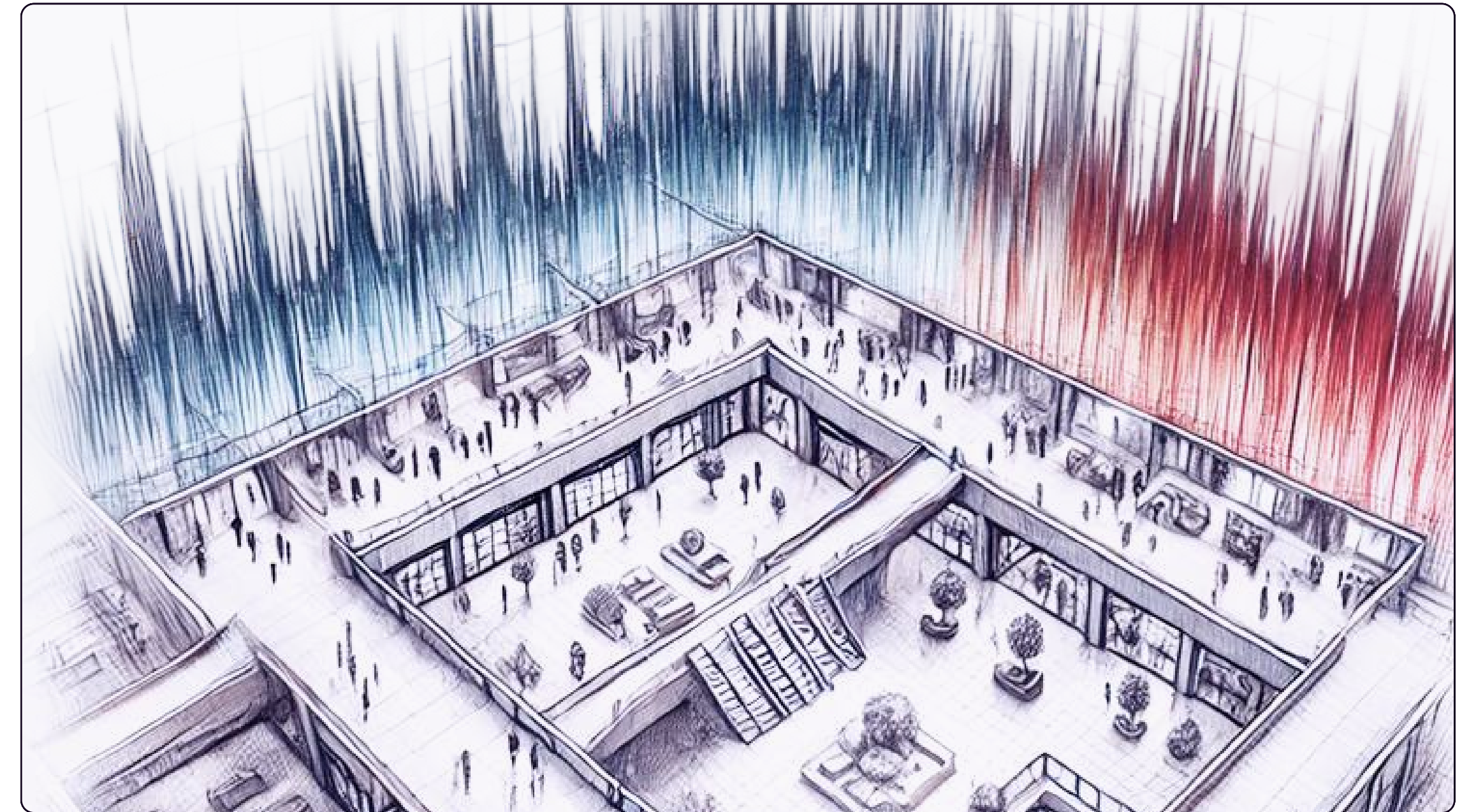
- Store traffic monitoring
- Customer flow analysis
- Automatic time sheets
- Employees' presence in the workplace control
- Database of unscrupulous visitors

Areas of application



Monitoring of indoor space occupancy

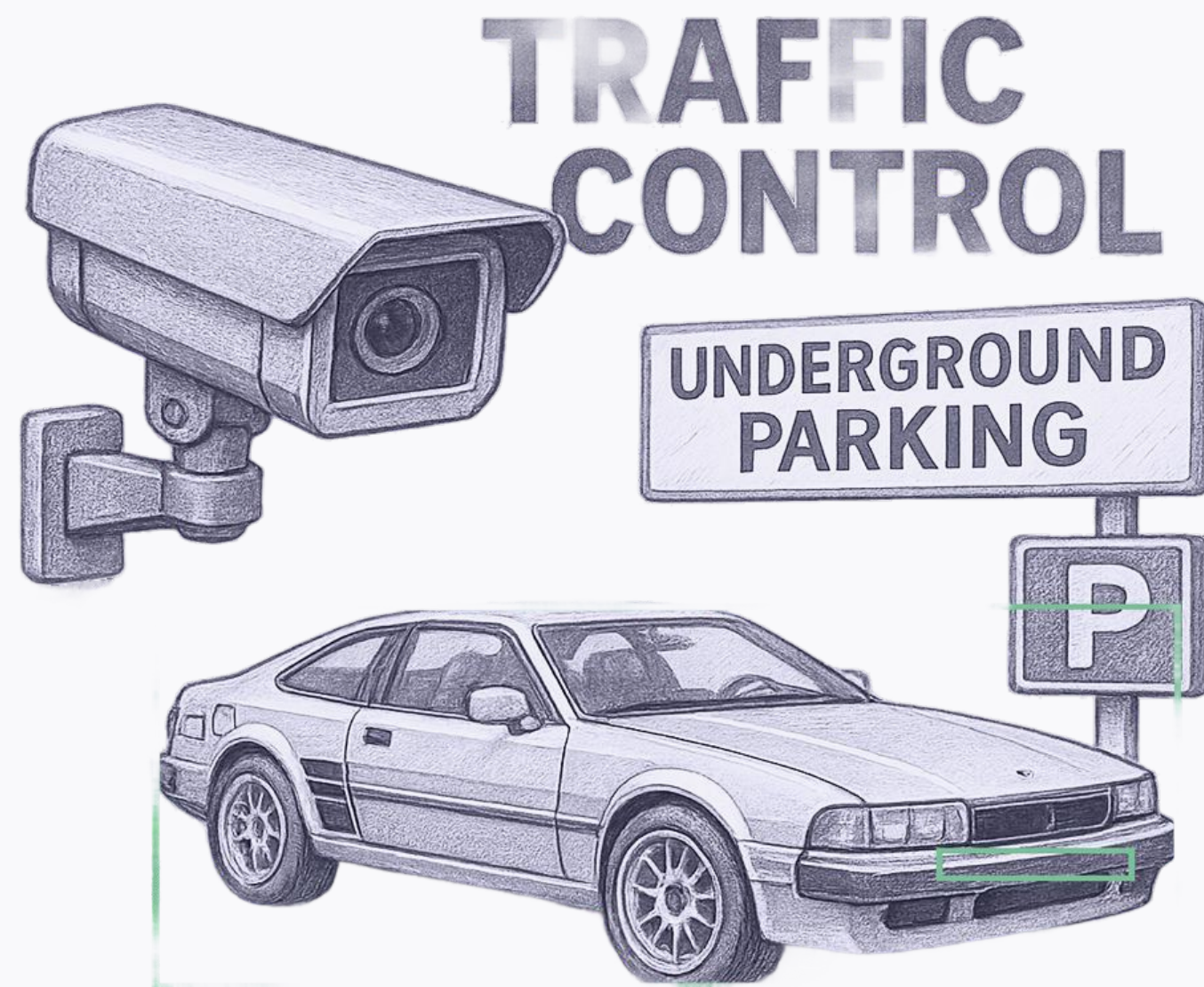
- Customer flow analysis
- Customer activity and places of interest monitoring



A heat map is an advanced thermal image analysis technology

- Stationary map - shows the areas where people are more likely to stop. (Under development)

Areas of application



Counting the traffic of vehicles in the mall

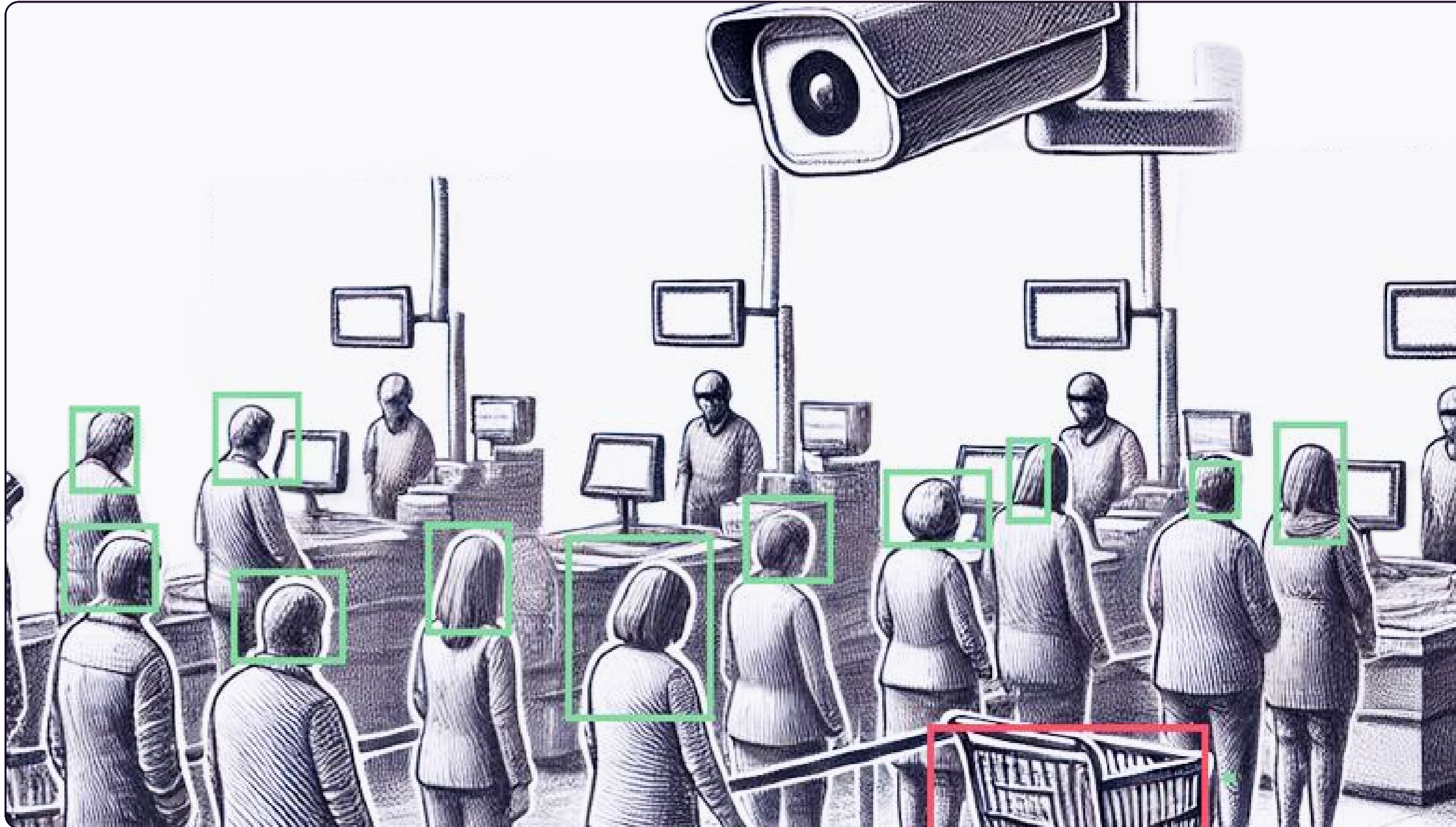
- Counting vehicles in the parking lot
- Identification of registration numbers



Abandoned object detector

- Detector for detecting abandoned items, determines the class of the object: suitcase, backpack, box, bag, duffel bag

Areas of application



Counting the traffic of vehicles in the mall

- Counting vehicles in the parking lot
- Identification of registration numbers



Monitoring of non-self-propelled vehicles is an intelligent video detector that allows counting unique objects in a certain area.

Areas of application



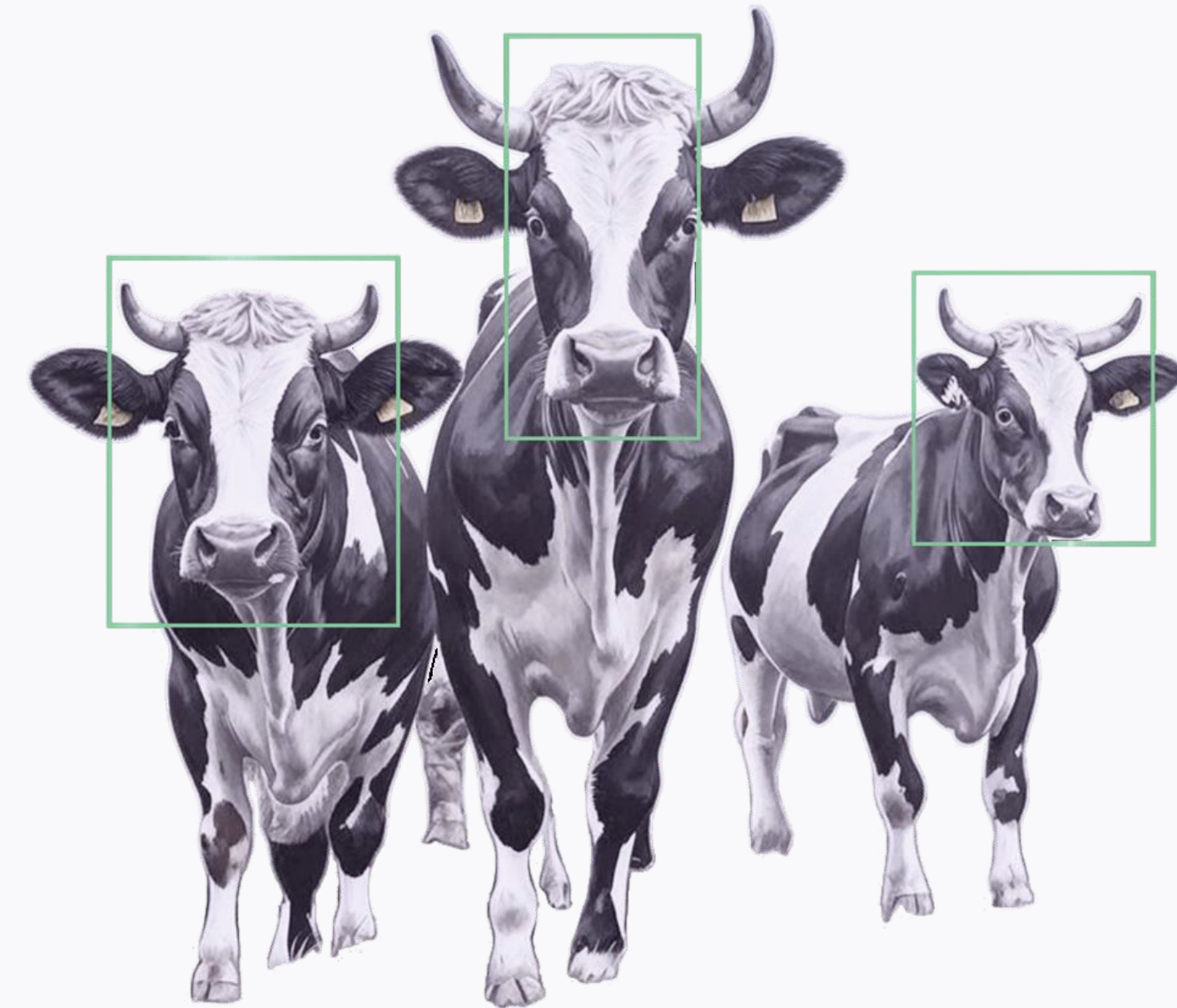
Control of guests' access to the premises

Areas of application



Analysis of the correct wearing of personal protective equipment

Checking the wearing of personal protective equipment by employees
The system will determine the correct wearing of PPE



Counting cattle

- Cattle arrival analysis
- The remains of cattle

Areas of application



Identification of the employee's identity to delimit access zones



Conveyor line control

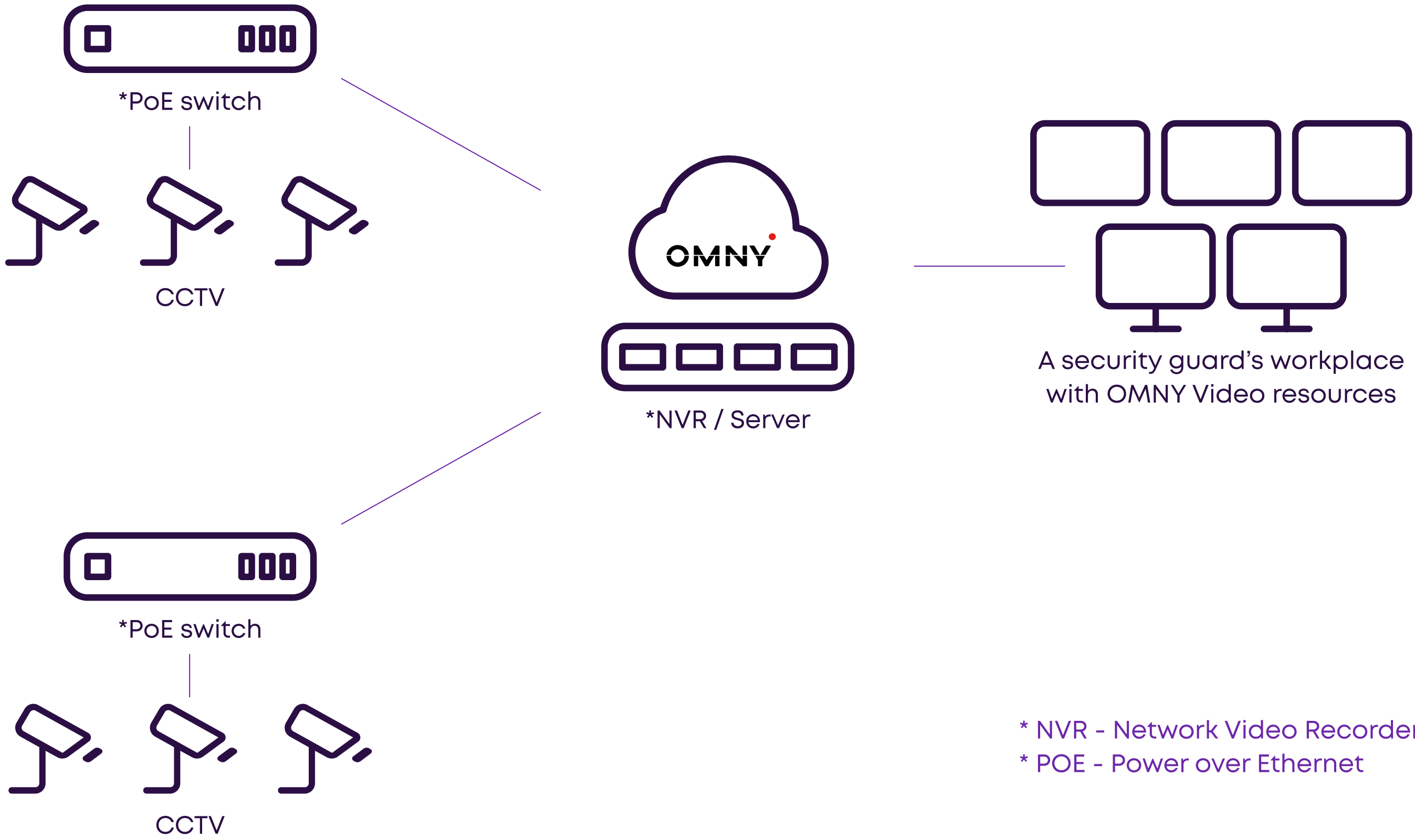
- Counting products on the conveyor
- The quality of the product is on line
- Automation of product accounting
- Determination of product run-off from the conveyor belt



Typical solution topology

Typical Solution Topology

This topology can be used as a whole or separately with NVR/Server, depending on video analytics scenarios





OMNY Video equipment specification

OMNY Servers



OMNYVIDEO-600-8 HDD-SERV-SNR

Server SNR for OmnyVideo for 250–600 cameras 8 HDD



OMNYVIDEO-600-12 HDD-SERV-SNR

Server SNR for OmnyVideo for 250–600 cameras 12 HDD



OMNYVIDEO-2200-24HDD-SERV-SNR

Server SNR for OmnyVideo for 1800–2200 cameras 24 HDD



OMNYVIDEO-4400-24HDD-SERV-SNR

Server SNR for OmnyVideo for 3800–4400 cameras 24 HDD

OMNY Switches SNR and Powertone



SNR-S2985G-8T-POE
Managed POE Layer 2 Switch



SNR-S2982G-24T-POE
Managed POE Layer 2 Switch



SNR-S2985G-24T-POE-E
Managed POE Layer 2 Switch



POWERTONE PUS-CC16L-250R
Unmanaged Rack-mounted 16 Port PoE
Switch with Port Isolation



PUS-2C24L-360R
Unmanaged 24-port rack-mounted
PoE Switch



POWERTONE PWS-TS24G-370R
Managed Gigabit 24 Port Web Smart
PoE Switch

OMNY NVR



OMNY PRO NVR1216-AL
Network NVR 16-channel



OMNY PRO NVR1432-S-AL
Network NVR 32-channel



OMNY PRO NVR1864-AL
Network NVR 64-channel

OMNY cameras



OMNY PRO MB-M2M-28

Bullet 2Mp network camera with microphone, 2.8mm lens, WDR



OMNY PRO UB-M8MA-80320-C

Bullet 8Mp network camera with 8-32 mm lens



OMNY PRO MB-M5MA-27135-C

Bullet 5Mp network camera with IR illumination up to 60 m



OMNY PRO MD-M5MA-28-C

Dome 5MP network camera with microphone



OMNY PRO HPTZ-M2A-x25-C

PTZ 2MP network camera with 25x optical zoom

OMNY Video Specification

Quantity cameras	Recording devices Qy-model	Switches Qy-model	The cost of camera equipments
up to 20	OMNY NVR-L1110 Network 10-channel NVR - 2 pcs	SNR-S2982G-24T-POE: L2 Switch POE 24 ports - 1 pcs	~ \$4 500
20-30	OMNY PRO NVR1432-S-AL Network NVR 32-channel - 1 pcs	POWERTONE PUS-CC16L-250R: L2 Switch POE 16 ports - 1 pcs	~ \$6 450
30-60	OMNY PRO NVR1864-AL Network NVR 64-channel - 1 pcs	SNR-S2982G-24T-POE: L2 Switch POE 24 ports - 3 pcs	~ \$13 400
140-160	SNR Server for 250 - 600 cameras OMNY PRO NVR1864-AL Network NVR 64-channel - 2 pcs OMNY PRO NVR1432-S-AL Network NVR 32-channel - 1 pcs	SNR-S2989G-48TX-POE: L2 Switch POE 48 ports - 3 pcs POWERTONE PUS-CC16L-250R: L2 POE Switch 16 ports - 1 pcs	~ \$38 400

OMNY Video Specification

Quantity cameras	Recording devices Qy-model	Switches Qy-model	The cost of camera equipments
250-300	SNR Server for 250 - 600 cameras	SNR-S2989G-48TX-POE: L2 switch, POE, 48 ports - 6pcs POWERTONE PUS-CC16L-250R: L2 switch POE 16 ports - 1 pcs	~ \$68 000
400-600	SNR Server for 250 - 600 cameras	SNR-S2989G-48TX: L2 switch, POE, 48 ports - 12 pcs SNR-S2982G-24T-POE: L2 switch POE 24 ports - 1 pcs	~ \$134 000
1800-2200	SNR Server for 1800 - 2200 cameras	SNR-S2989G-48TX-POE: L2 switch POE 48 ports - 46 pcs	~ \$488 000
3800-4400	SNR for 3800 - 4400 Cameras	SNR-S2989G-48TX-POE: L2 switch POE 48 ports - 92 pcs	~ \$976 000

* The calculation is based on the maximum number of cameras in this configuration

** Including the \$190 OMNY MB-M2M-C-28 camera

OMNY Advantages

Reliability and unique solutions

Performing analytics on board the camera;

Customization of software and printed products for the brand;

Stand-alone solutions

Possibility to use the video surveillance server on your own equipment of the ready-made solution;

Compatibility

OMNY Video service supports IP-cameras of world brands;

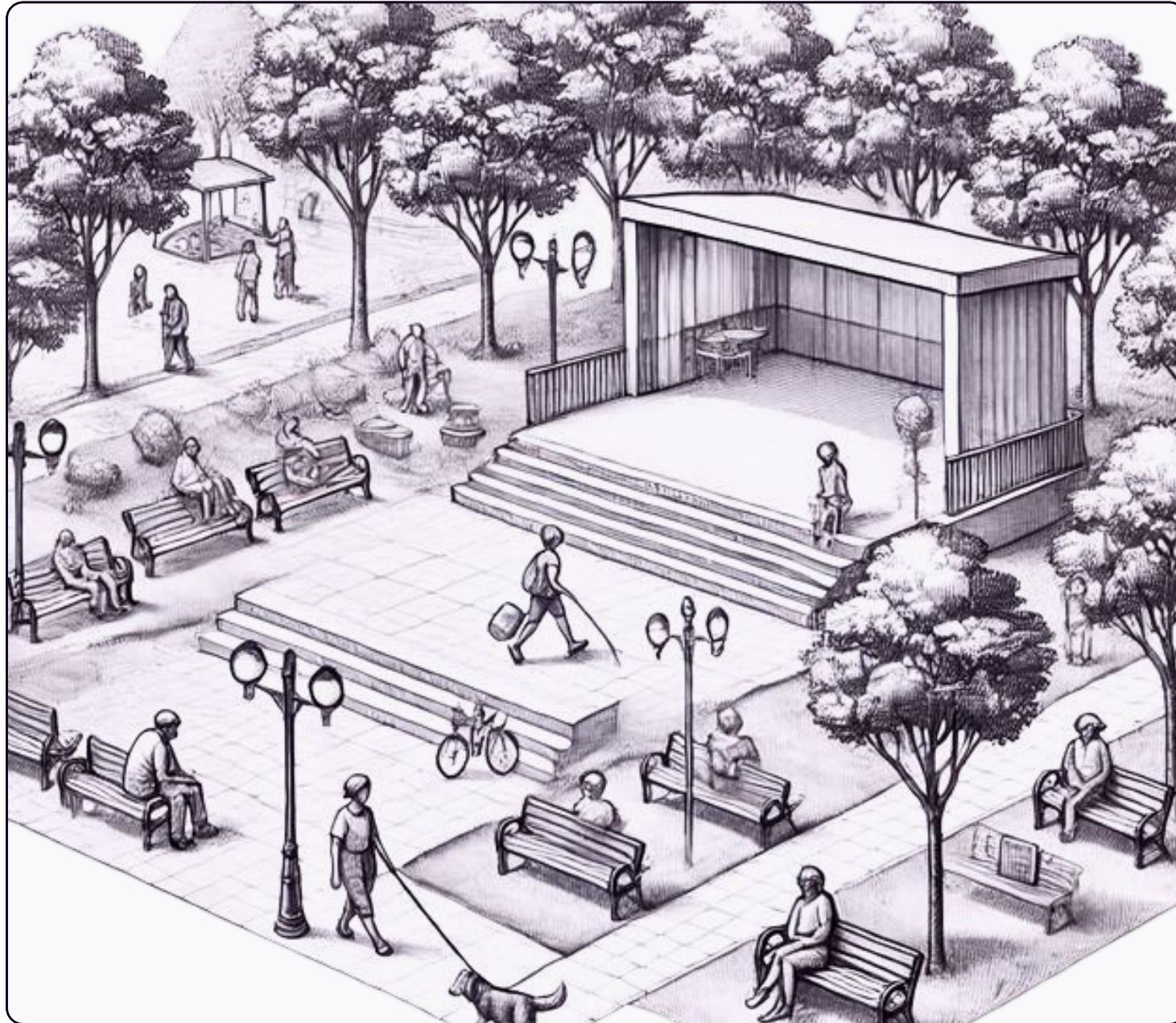
Scalability

Possibility to organize a server for a large number of video devices. From 20 to 4400 streams per device;

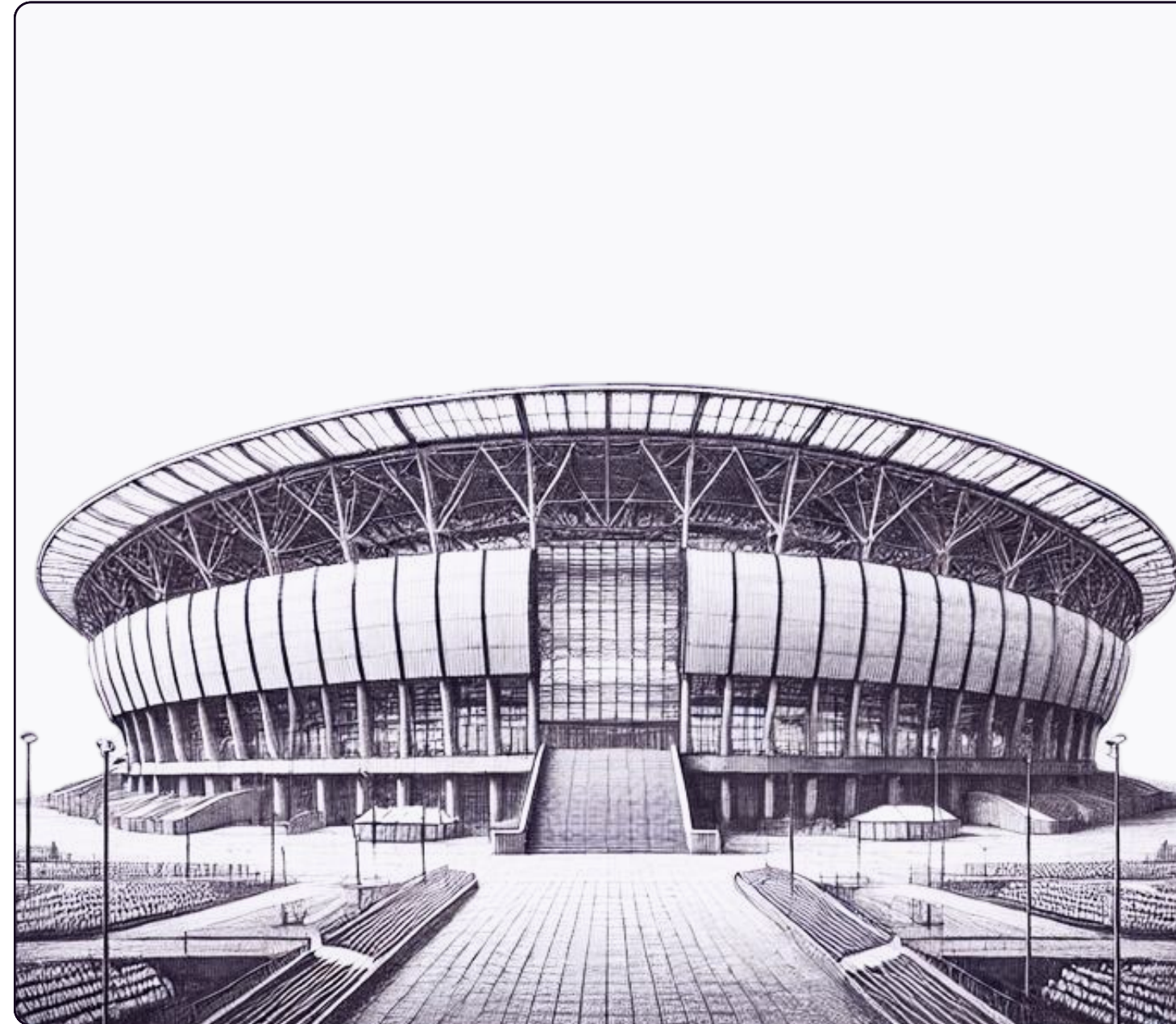
Customized development.



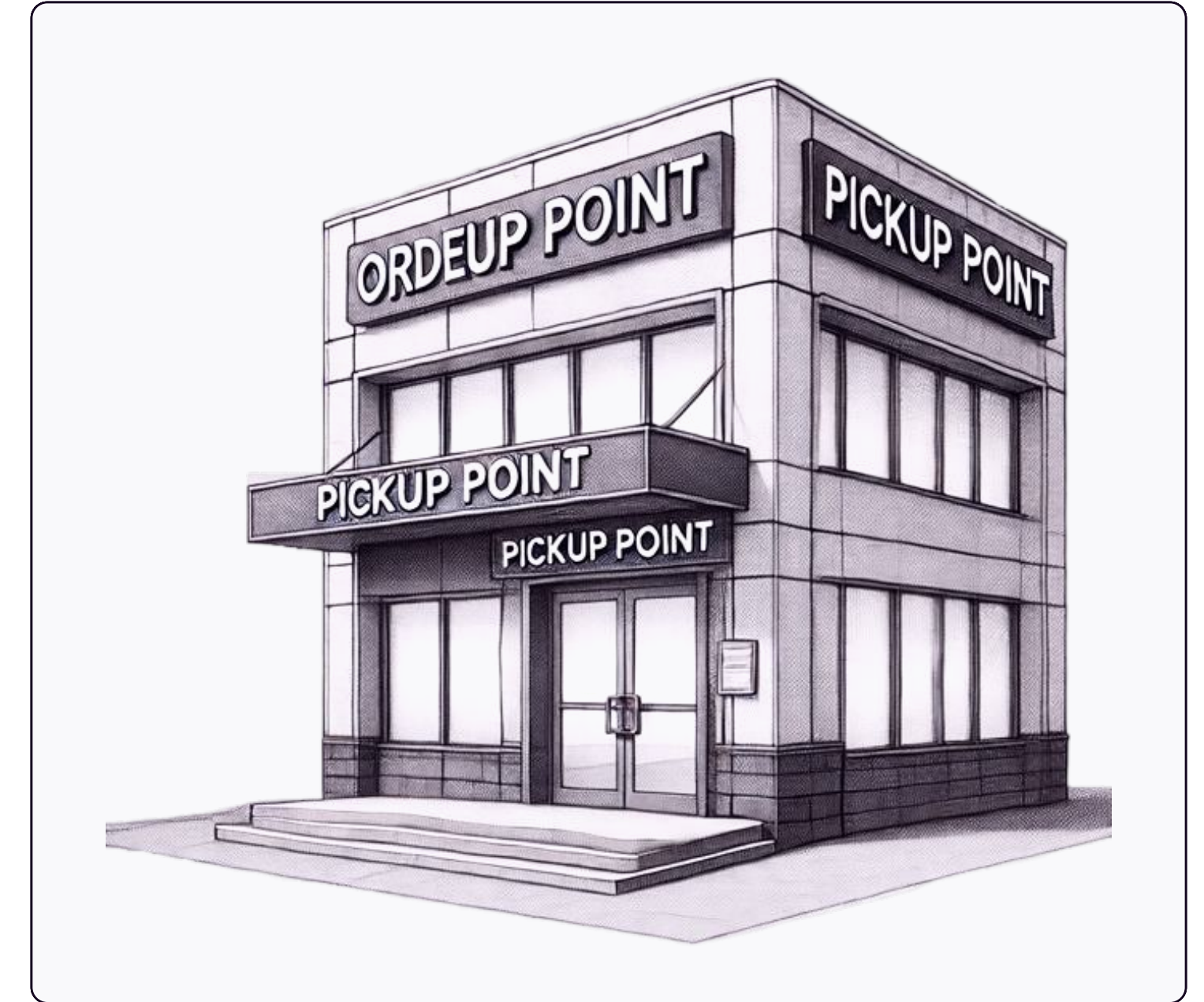
SNR projects



Recreational/cultural areas



Sport arenas



Order delivery point

Success story

Supply of video surveillance equipment in B2B and B2C segments

Project for the comprehensive supply and implementation of video surveillance systems based on Omny equipment for B2B and B2C segments.

Implementation stages:

Deployment of a video surveillance system based on Omny cameras;

Integration of the 'Forpost' agent with software customization to meet the specific requirements of the customer.

The project was successfully completed in accordance with all the customer's technical requirements. The use of Omny equipment, combined with the company's customized video surveillance product, enabled the development of an efficient system tailored to specific tasks. The implemented work demonstrates the company's ability to deliver comprehensive turnkey solutions that address the individual needs of the customer.



40K

units have been shipped

Ready for partnership!



Alen Balakbaev

Regional manager
Middle East & Africa

📞 +7 777 192 91 54

✉️ @alenbalakbaev

✉️ a.balakbaev@snr.global



PLEASE CHECK FULL
SNR.GLOBAL CATALOGUE

📍 **Tashkent, Uzbekistan**

52, 7th Sayram Street, Mirzo-Ulugbek
District
+998 55 508 0660
sales@nag.uz

📍 **UAE, DUBAI**

AL Garhoud Street 59, Al Garhoud
Business Center, M floor, Office #
M-03
+971 0 42599967
sales@snr.global

📍 **Almaty, Kazakhstan**

135 Zhibek Zholy Avenue, 6th floor,
office 2061
+7 727 344 344 4
sales@nag.kz

