

3.5

eocortex 

NEW **BLASTING**
VERSION OF EOCORTEX

LET'S GET TO KNOW EACH OTHER!

WRITE TO US IN THE CHAT

- 1** - if you've known Eocortex for a long time and use the product
- 2** - if you've found out about us only recently

How long have you been working in the video surveillance industry?

A FEW ORGANIZATIONAL POINTS

QUESTIONS

Send them to the special Questions tab

FLAME

Use it if you like what the speaker says

CHAT

Please be active and answer our questions

TILL THE END

Stay with us until the end of the webinar - we will announce **promos and a giveaway!**

PLAN

Strategy of Eocortex product development

Novelties of 3.5. Performance

Novelties of 3.5. Multiplatformity

Novelties of 3.5. New integrations

Novelties of 3.5. New video analytics

New product: Union

New Year Promos from Eocortex

EOCORTEX ON A VIDEO SURVEILLANCE MARKET MORE THAN 12 YEARS

85+

countries

~15,000

projects implemented
with Eocortex

~1,000,000

cameras operating on
Eocortex

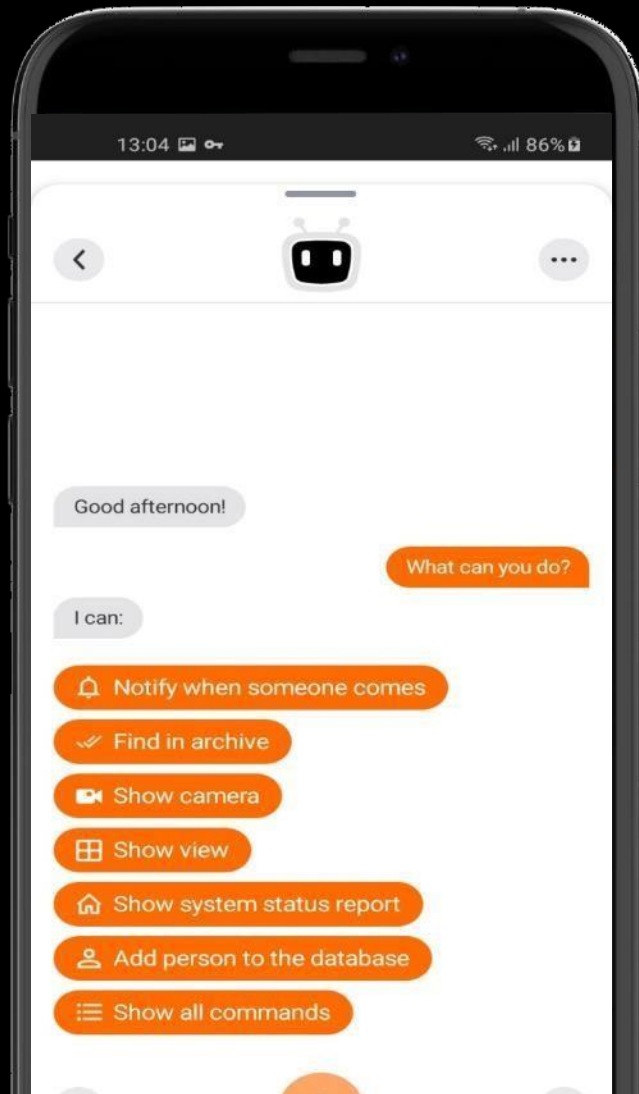


Eocortex:
smart video surveillance
software with video
analytics

eocortex 

VIDEO SURVEILLANCE WITHOUT WATCHING

one of the strategic directions of the Company in product development



Video analytics
for business
performance

Integration
with messengers
and chat bots

EVA: the very first
voice assistant



IN 2021, WE HAVE RELEASED 3 NEW VERSIONS

3.3

●
April

3.4

●
August

3.5

●
November

eocortex



EOCORTEX 3.5. EXTENDING BOUNDARIES



A FEW ORGANIZATIONAL POINTS

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LET'S ROLL!



PERFORMANCE

enhanced functionality and
performance of your video system

4 VIDEO STREAMS FROM A CAMERA. WHAT'S IT FOR?



COST-EFFECTIVENESS

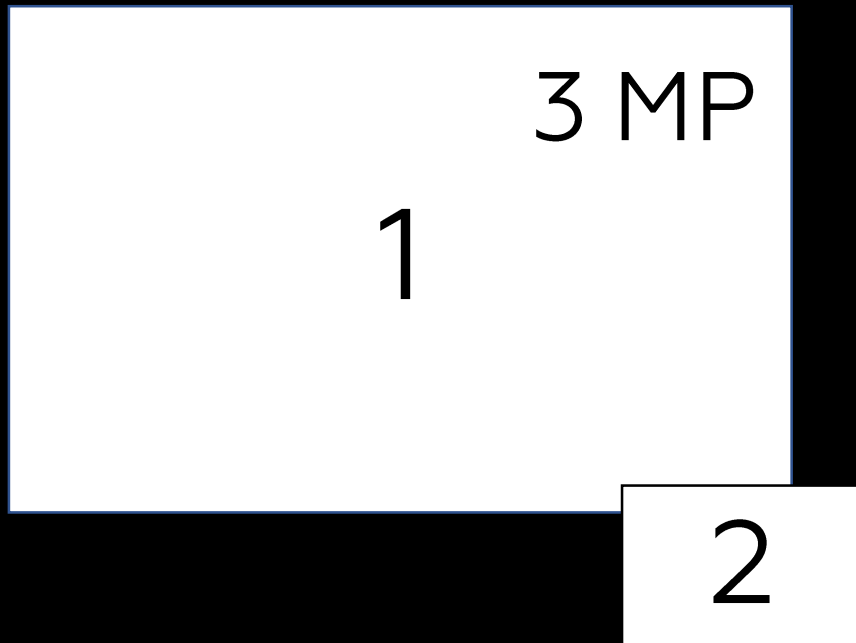
of server and client equipment

- 01** due to improved software performance
- 02** due to the ability to choose optimal streams for video analysis, displaying and recording to archive

SUPPORT OF 4 VIDEO STREAMS FROM A CAMERA

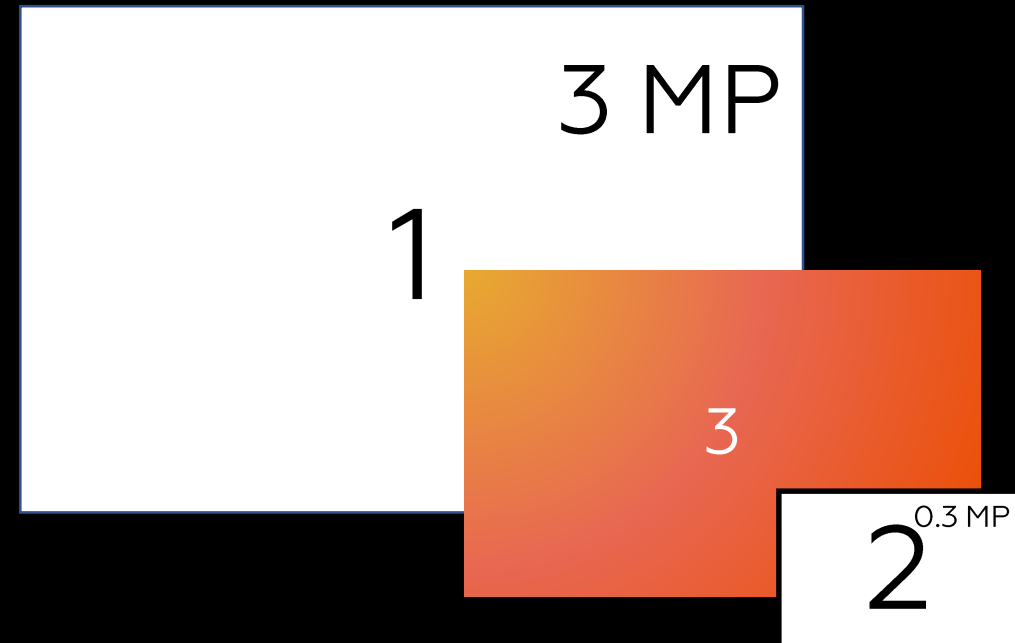
BEFORE

2 streams:
main and alternative



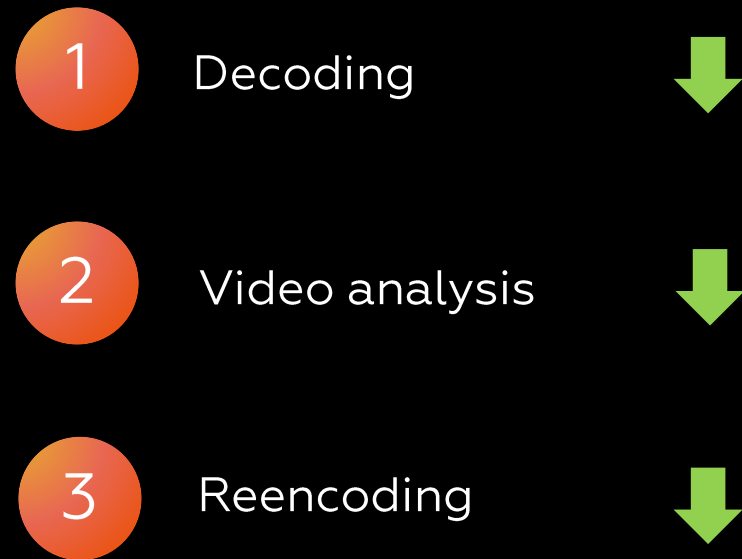
AFTER

Up to 4 streams:
one main stream and 3 additional ones

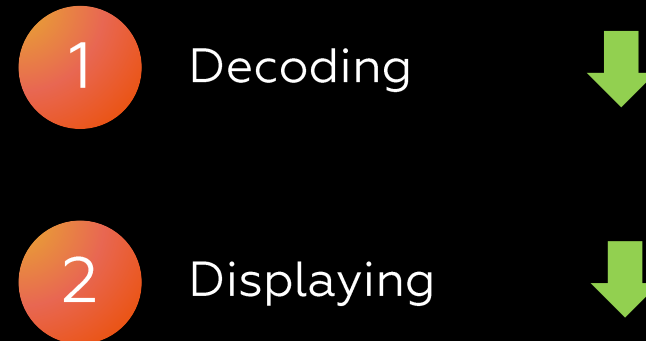


REDUCED PROCESSOR LOAD

SERVER



CLIENT



EXAMPLE OF STREAM DISTRIBUTION



Stream 1 (main)

3 MP, 25 fps

- Recording to archive
- Displaying in full-screen mode



Stream 2

1 MP, 25 fps

- Video analysis
- Displaying in multi-picture mode
- Sending to web and mobile devices



Stream 3

0.3 MP, 10 fps

- Displaying in multi-picture mode
- Sending to web and mobile devices

4 VIDEO STREAMS FROM A CAMERA. SETUP

Video streams

Main

Format

H264

Eocortex Client

Mobile and web clients

Additional 1

Format

MJPEG

Eocortex Client

Mobile and web clients

Additional 2

Format

H264

Eocortex Client

Mobile and web clients

Additional 3

Format

H264

Eocortex Client

Mobile and web clients

Stream for video analytics

Main

Stream for recording to archive

Main

Continuously receive all streams from camera ⓘ

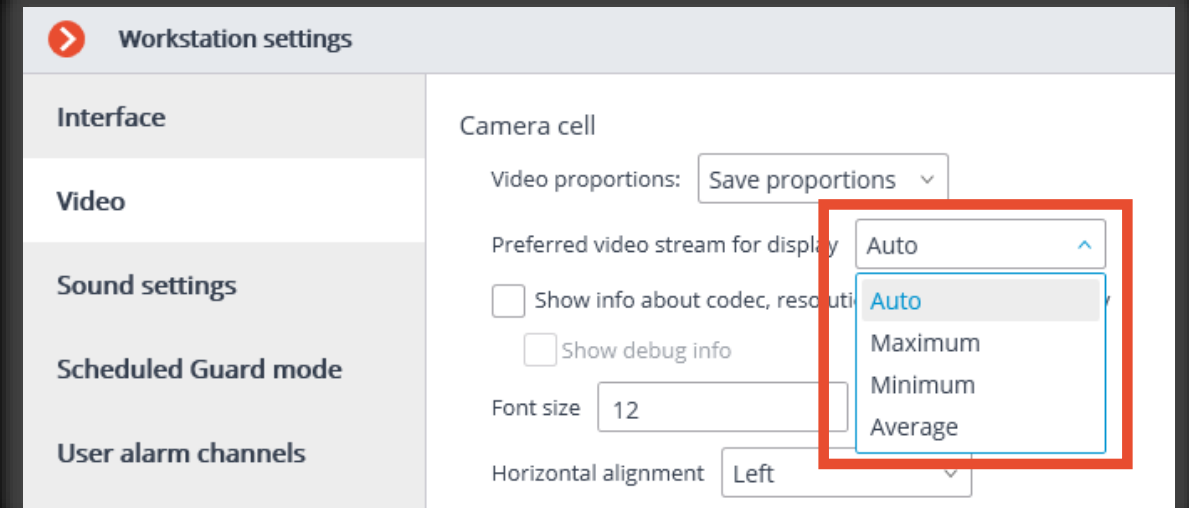
4 VIDEO STREAMS FROM A CAMERA. MODIFICATIONS IN CLIENT

01

New algorithms for selecting a stream to be displayed in the Client: auto and optimal.

02

Instead of main and alternative streams, now the choice is between maximum and minimum.





MULTI- PLATFORMITY

client and server for Linux and Windows

EOCORTEX CLIENT NOW WORKS WITH LINUX

Windows and Linux operating systems are fully supported

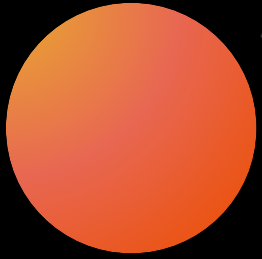
FOR USERS

- If you are not ready to pay for Windows, there's an alternative

FOR PARTNERS

- A possibility to win projects where Linux is a baseline requirement





EASE OF USE

it's become even easier to control video systems with Eocortex

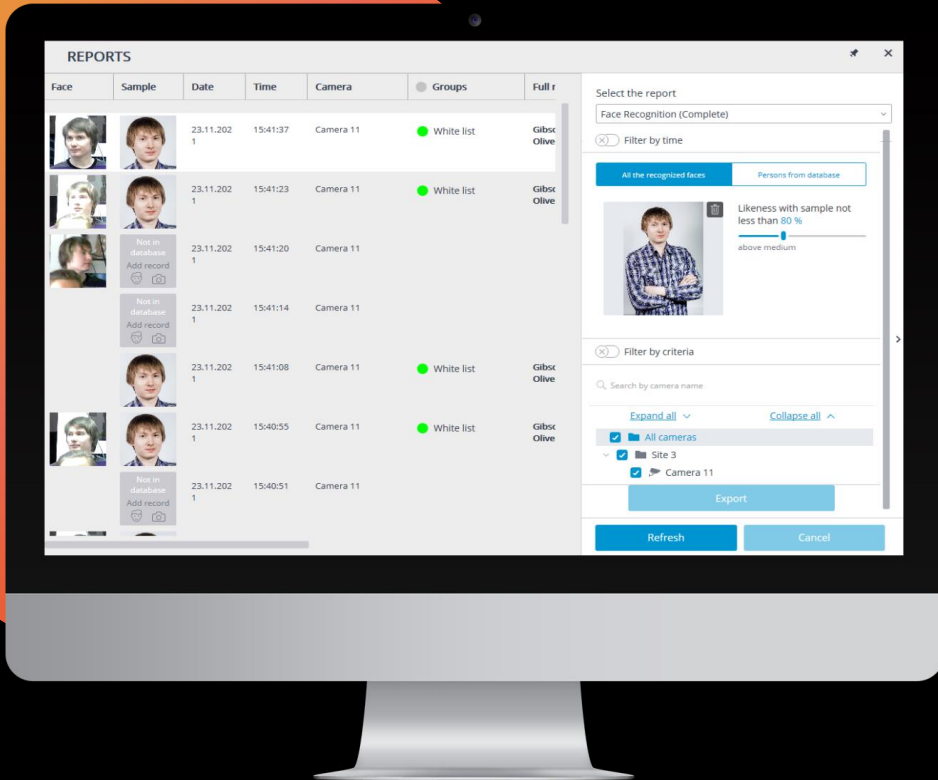
FRAGMENT MODE



Easy navigation through the archive using the fragment panel in addition to the timeline. The video is split into time segments.

FACE RECOGNITION MODULE. WHAT'S NEW?

working with large databases has become easier!



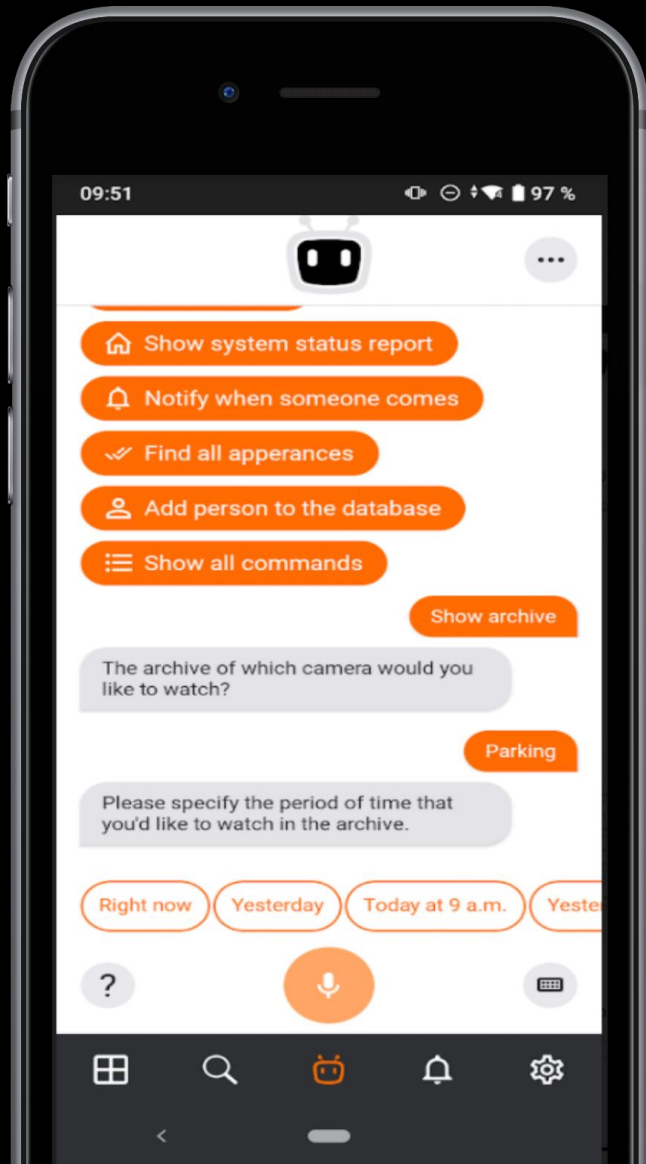
- Prompt change of a group for several people simultaneously
- Removing and adding people from the database by a specific group
- Sorting entries by date of adding and alphabetically
- Checking for duplicates in the face database
- Searching for people by photo and by using the Additional field
- Face database status report: number of groups, number of people in groups, and number of people in the database

EVA. WHAT CAN SHE ALREADY DO?

- find the event of appearance of a person
- open any available camera
- notify about the appearance of a person
- open any available view
- assign a person to a group
- add a person to the face database
- delete a person from a group
- delete a person from the database



EVA, SHOW THE ARCHIVE!



- Eva, show the archive for 5 o'clock yesterday
- Eva, show the archive for November 17
- Eva, show the archive now



VIDEO ANALYTICS

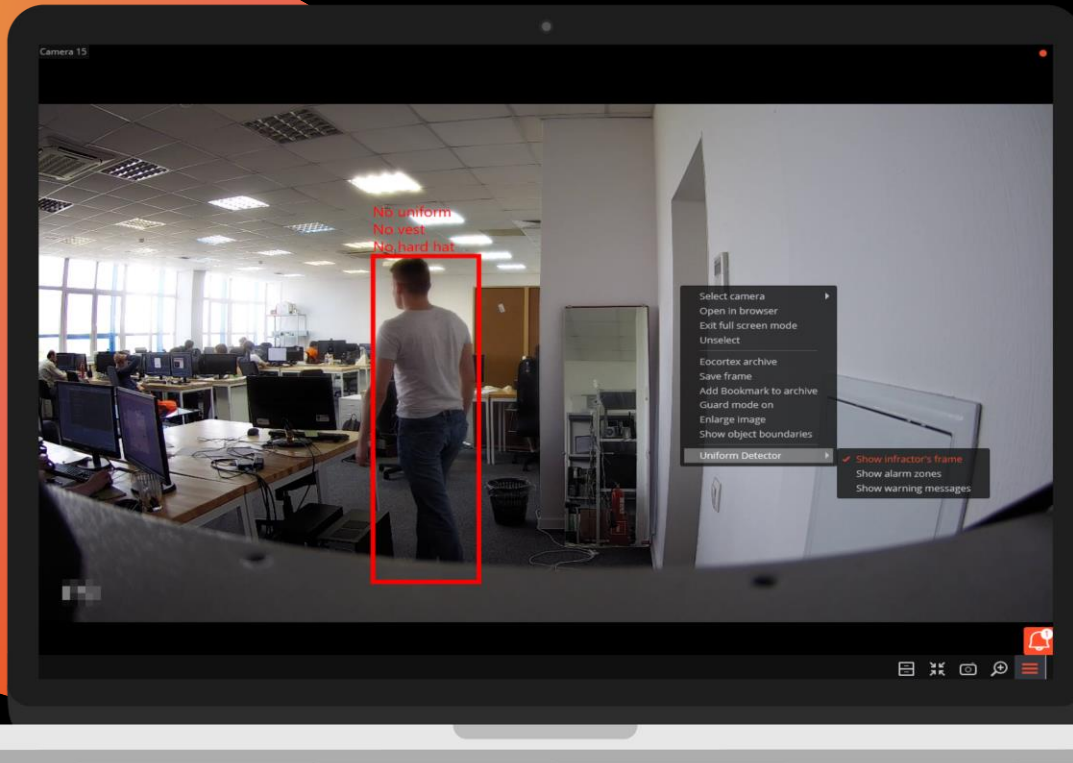
we have developed new video analytics and updated the current one

UNIFORM DETECTOR MODULE

The module determines whether a person

- has a hard hat on
- wears a vest
- wears uniform (by colors)

The module gives an alarm if the clothes do not meet the preset parameters



UNIFORM DETECTOR MODULE

scope of application



Production facilities,
shop floors



Monitoring personnel
access to certain areas



Construction sites

NEURAL NETWORK-BASED FIRE DETECTOR

A specially trained neural network that processes the frame sequence is used

TENS of times

less false triggerings

1.4 times

higher detector accuracy

IMPROVED

detection of small fire areas

TRACKING OF SPECIFIC TYPES OF VEHICLES



IMPROVED

tracking accuracy

FLEXIBILITY OF SETTINGS

Specify different objects for tracking for different areas

2 OPERATING MODES

All moving objects:

the module detects all objects in motion

Filter by category:

the module detects specific objects: people, types of vehicles, animals

TRACKING OF SPECIFIC TYPES OF VEHICLES



Buses



Motorcycles



Passenger
cars



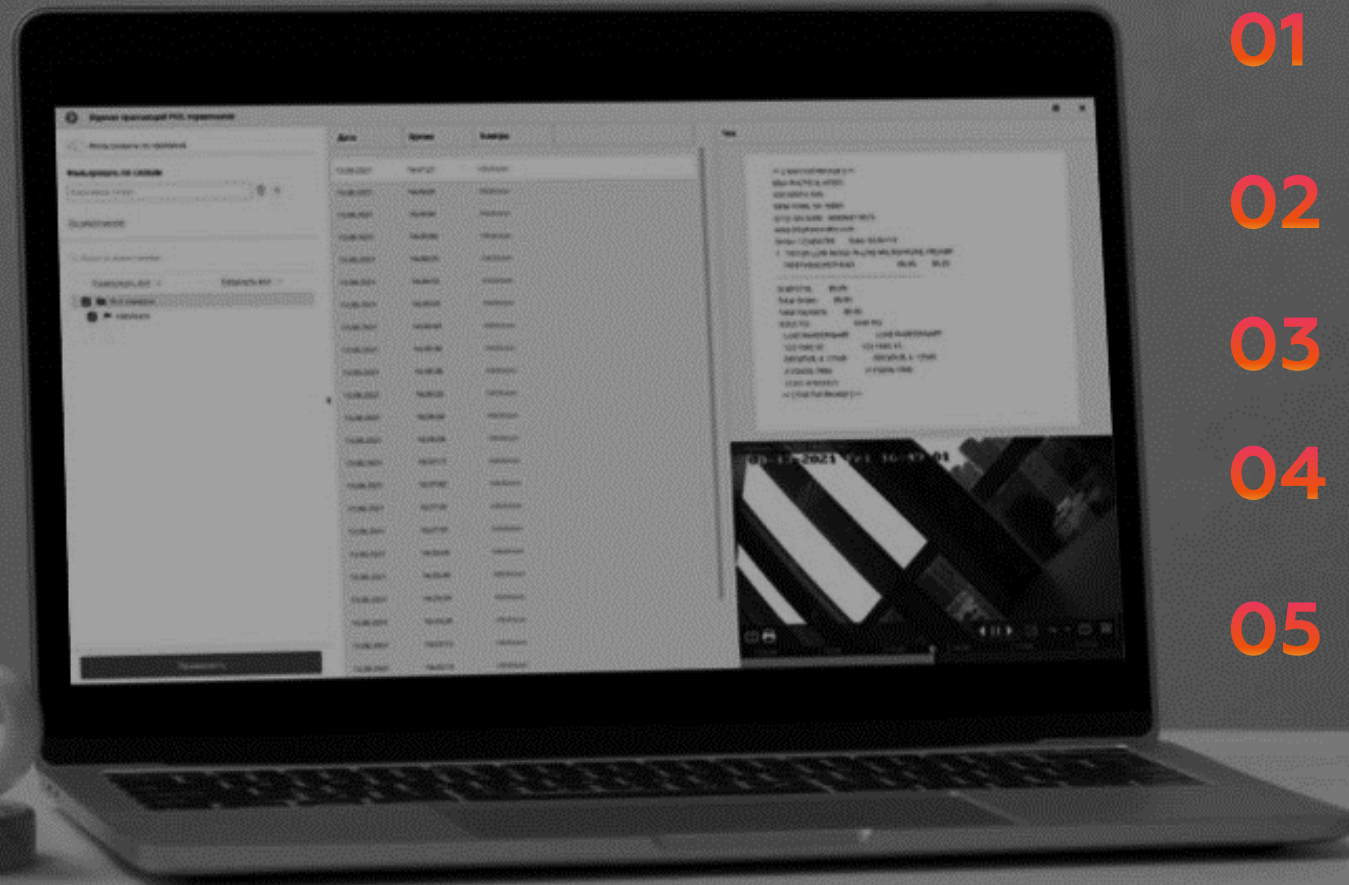
Trucks



INTEGRATION

additional integrations for
tackling business tasks

INTEGRATION WITH POS TERMINALS



- 01 Getting receipts as text from POS terminals
- 02 Viewing receipts in real time
- 03 Storing and viewing receipts in the archive
- 04 Searching for receipts using text search
- 05 Using receipts in event scenarios

INTEGRATION WITH Suprema Biostar ACS

The integration permits to:

- Receive events from Suprema Biostar 2
- Configure and perform tasks by ACS events

suprema

eocortex 

VIDEO ANALYTICS BUILT INTO HIWATCH AND HANWHA CAMERAS

New camera-based video analytics is now available in Eocortex



HiWatch

- 01 License plates
- 02 Crossing of a line
- 03 Area monitoring



Hanwha

- 01 Area monitoring
- 02 Detection of objects
- 03 Sabotage detection
- 04 Smoke and fire detection
- 05 Queue monitoring

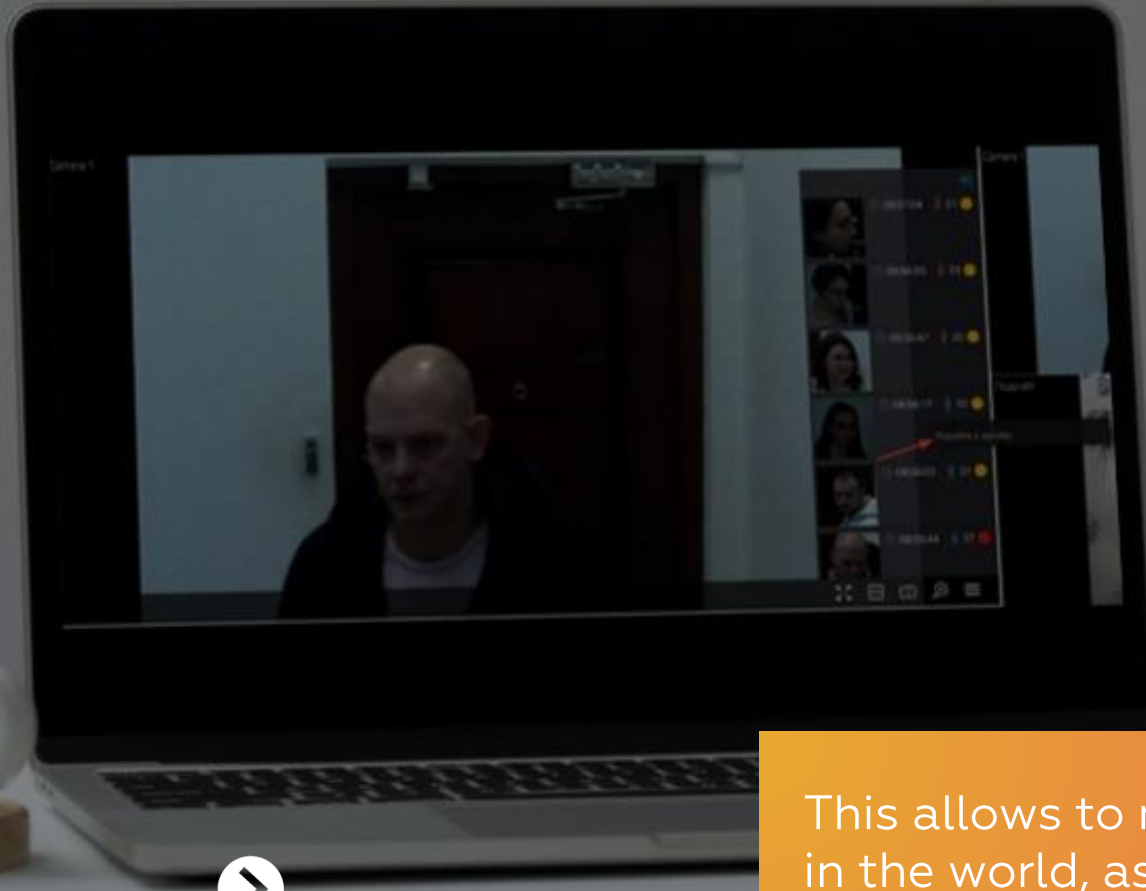


MOBILE & WEB

in line with modern trends

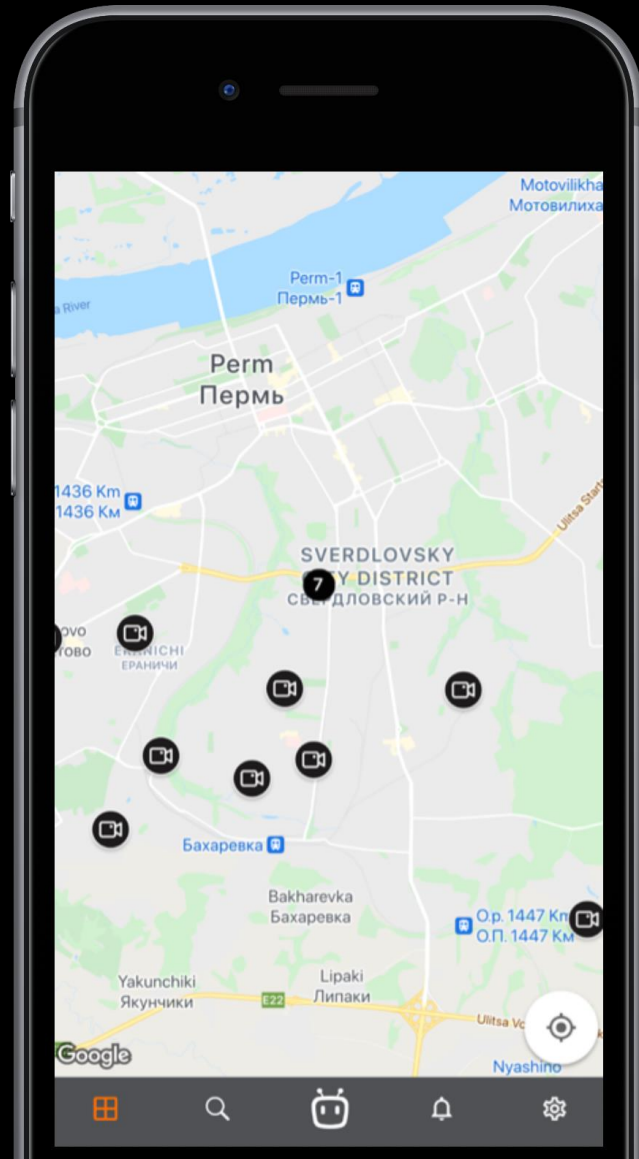
VIDEO ANALYTICS IN WEB CLIENT

face recognition and visitor counting modules in operation



This allows to monitor business performance from anywhere in the world, as well as when using Linux or MacOS

GIS MAPS IN THE MOBILE APP



YOU'RE IN CONTROL!

EASY TO USE. FAST.

FROM ANYWHERE GLOBALLY.



BUT THAT'S NOT ALL!

MEET

MEET

UNION

a new solution
for distributed systems

union
eocortex 



UNION

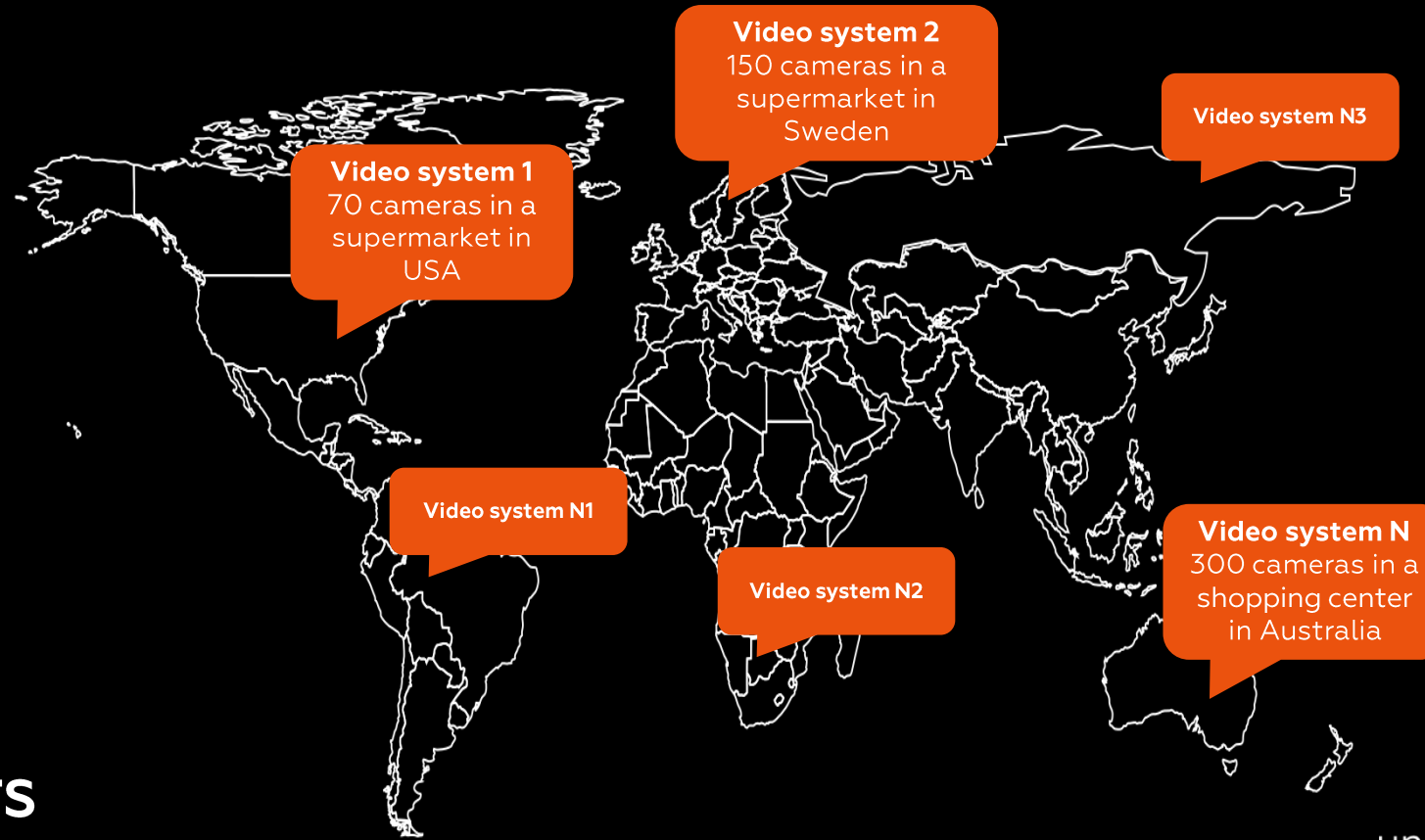
a platform that unites any number of independent Eocortex systems into a global system and allows users to access it from anywhere in the world, as well as to administer the system via a common web interface

A USER **WITHOUT EOCORTEX UNION**



John

100+ VIDEO SYSTEMS ALL OVER THE WORLD



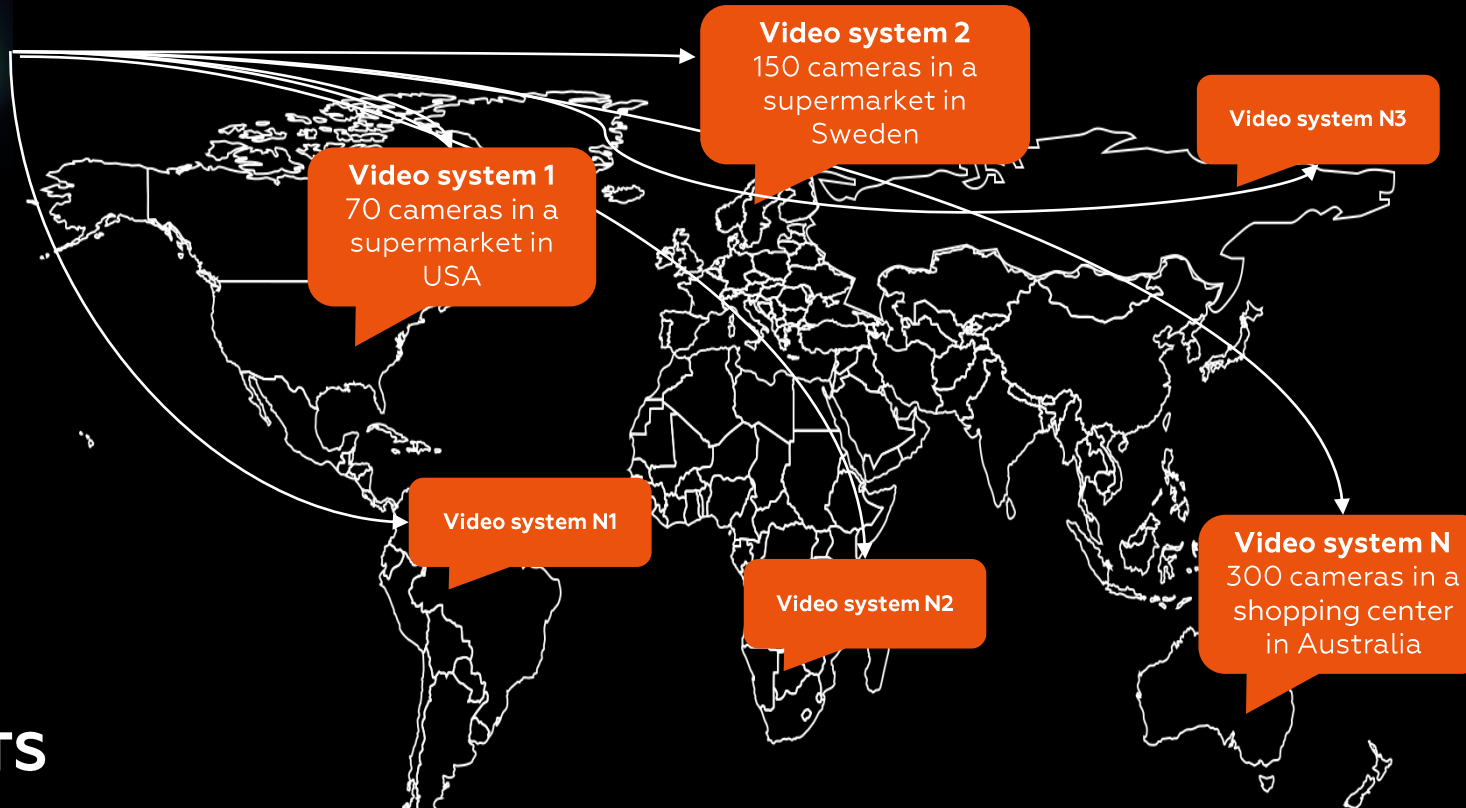
**MANAGE
CONFIGURE
VIEW
CREATE REPORTS**

FROM EACH SERVER SEPARATELY

A USER WITH EOCORTEX UNION



100+ VIDEO SYSTEMS ALL OVER THE WORLD



MANAGE
CONFIGURE
VIEW
CREATE REPORTS

ACCESS TO ALL FACILITIES FROM ONE ACCOUNT
FROM ANYWHERE IN THE WORLD!



UNIFY! UPSCALE! MANAGE!

WITH EOCORTX UNION

01

Independent systems (units)

- districts, cities, company
branches, separate systems within
a company

02

Unification into a common system

of local systems operating with
different Eocortex licenses
(ST, Enterprise, Ultra)

03

Easy system upscaling

adding new systems
(units) via a common web
interface

SCOPE OF APPLICATION OF EOCORTEX UNION

if you have two or more video systems



Safe
city/region



Monitoring center



Security
providers



Complex of
enterprises



Café and
restaurant chains



Banks

UNION



Retail
chains



Pharmacy chains

union
eocortex 

Eocortex 3.5

- **16 novelties and updates**
- **Result of teamwork**
- **Already available in 85 countries**

GET 15% extra to partner discount

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OBTAIN EOCORTEX ENTERPRISE AT A DISCOUNT

Tools for working with large-scale systems:

- Active Directory
- System monitoring
- Video Wall
- REST API
- Multi-Level Administration, etc.

The offer is valid until the end of 2021 only

Feel ULTRA power!

Get 24% extra
to partner discount!

The offer is valid until the end of 2021 only

DO YOU HAVE EOCORTEX LS?

**Upgrade your VMS
with the discount
UP TO 50%**

Get 4 video analysis modules:

- Face Detection
- Abandoned Object Detector
- Search for objects
- Tracking

The offer is valid until the end of 2021 only
valid during switching from Eocortex LS to Eocortex ST

DO YOU HAVE EOCORTEX ST?

**Upgrade your VMS
with the discount
UP TO 50%**

Get 8 video analysis modules:

- Active Directory
- System monitoring
- Floating Licensing
- Video Wall
- Displaying cameras on GIS maps
- Backup
- Archive Redundancy and Decimation
- Operator Chat

The offer is valid until the end of 2021 only
valid during switching from Eocortex ST to Eocortex Enterprise

DO YOU HAVE EOCORTEX Enterprise?

**Upgrade your VMS
with the discount
UP TO 50%**

Add 14 video analysis modules to your video system, including Face Recognition!
See the list of video analysis modules available free of charge as part of Eocortex ULTRA at the Eocortex website.

The offer is valid until the end of 2021 only
valid during switching from Eocortex Enterprise to Eocortex ULTRA



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DISCOUNT UP TO 80%

599\$

PROFESSIONAL SOFTWARE FOR 5 CAMERAS

Choose your Eocortex license with **all** video analytics*:

- Eocortex LS - 5 camera license
- Eocortex ST - 5 camera license
- Eocortex Enterprise – 5 camera license
- Eocortex ULTRA – 5 camera license**

The offer is valid until the end of 2021 only

*With all video analytics modules (except license plate recognition)

**Face Recognition module in Eocortex ULTRA is activated only if there are 50 channels in the video system

WE ARE IN TOUCH:



Partner relations
managers

- Promo purchase
- Cooperation conditions
- Project estimate

sales@eocortex.com



Product managers

- Product feedback
- Comments regarding new features

ux@eocortex.com



Tech support

- In case you run into problems setting up Eocortex

support@eocortex.com