

3.6

THE POWER OF
ESSENTIAL UPDATES

eocortex 



Agenda

01 About Eocortex company

02 Improved usability

03 New Integrations

04 Video analytics

Eocortex on a video surveillance market more than 13 years

85+

countries where Eocortex is used

15,000

projects implemented with Eocortex

1,000,000

cameras operating on Eocortex

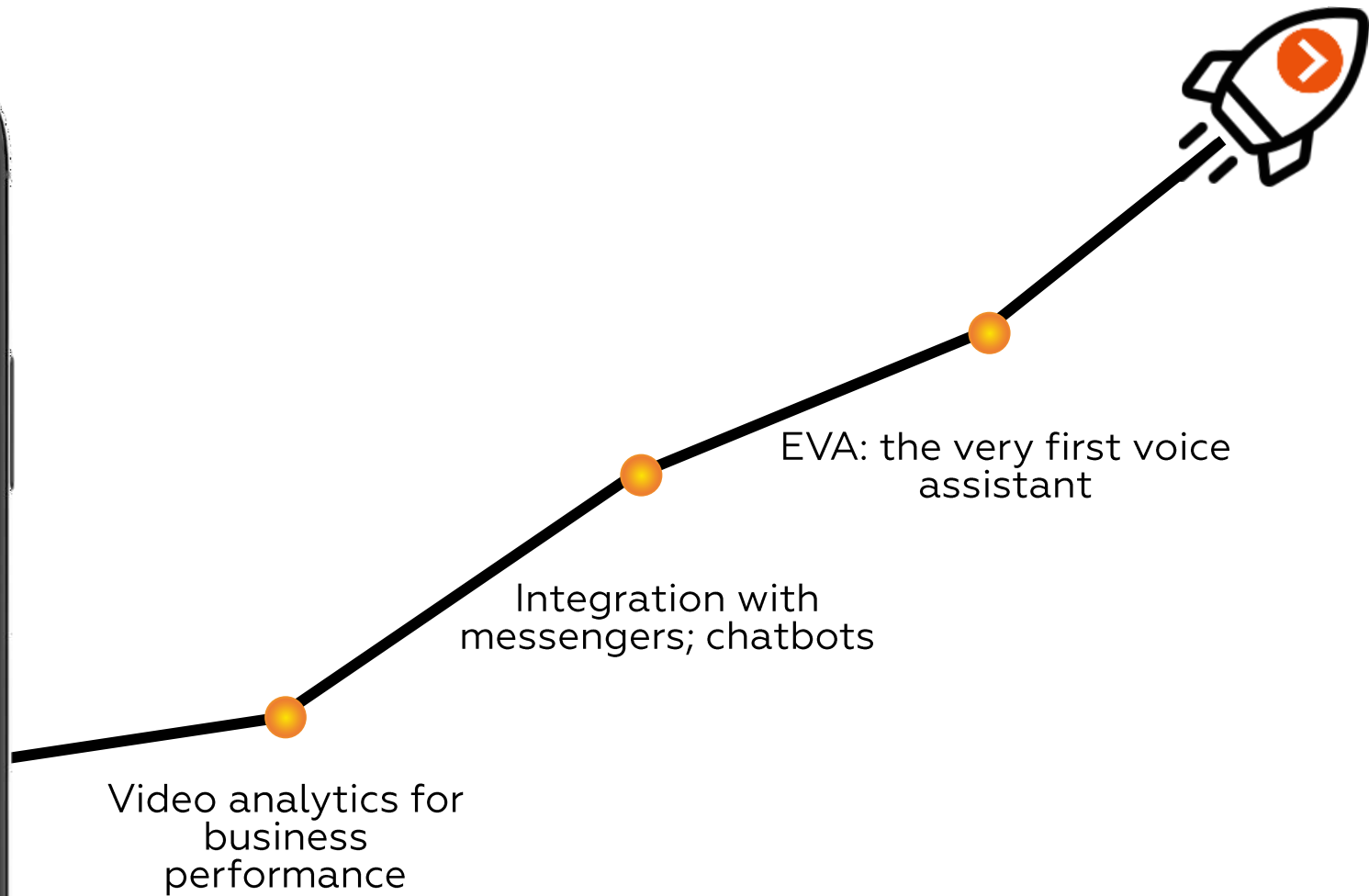
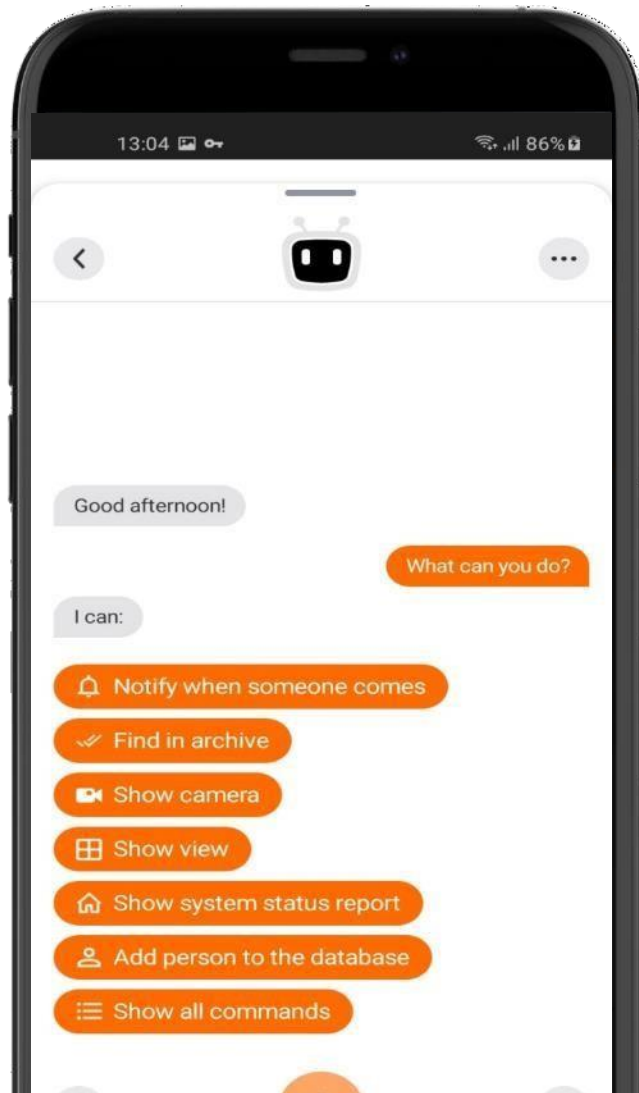


Eocortex is an innovative IT developer and a global provider of smart video surveillance software with video analytics

 London, UK

eocortex 

Video surveillance with no need to monitor



Why choose Eocortex VMS

Wide variety



Feature-rich VMS with wide variety of 21 intelligent modules to solve security and business tasks

Lifetime license



Lifetime licenses, **free** updates and technical support

Individual approach



Flexible solutions and individual modifications for your project

Simple installation

Installation and setup take minutes, allowing to put CCTV systems of any size into operation in a prompt manner.

Mobility

Besides the stationary access, you can control your CCTV system from anywhere in the world via iOS and Android mobile applications, as well as through the web browser.

Attractive price

We offer a substantial trade-in discount if you intend to replace the existing software with our product.

User-friendly

User-friendly and simple interface for any user is the basis for our product. We continuously strive to make it better and more convenient.

Information here and now

You will immediately receive a notification about the control event and find any object registered by the system in the archive.

Reliability

Your data is safe due to the system health online monitoring, data backup, server replication, use of RAID and network-attached storage.

We have released **4 new versions** during **12 months**

3.3
●
April

3.4
●
August

3.5
●
November

3.6
●
April



How we create Eocortex

we help people all over the world to work more efficiently, retrieving important figures and facts from visual information



Version Eocortex 3.6
WHATS NEW?



Improved Usability

New features for your convenience



**Save and keep the desired episode
of the video archive as long as you
need**

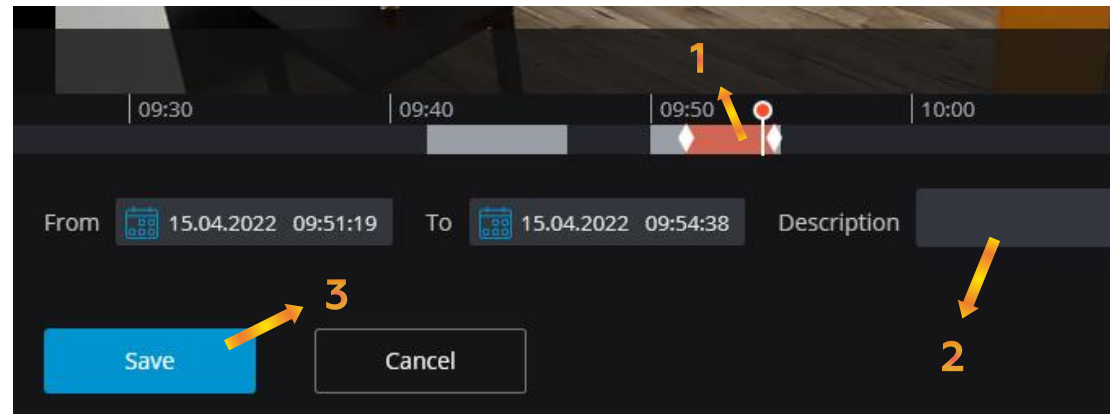
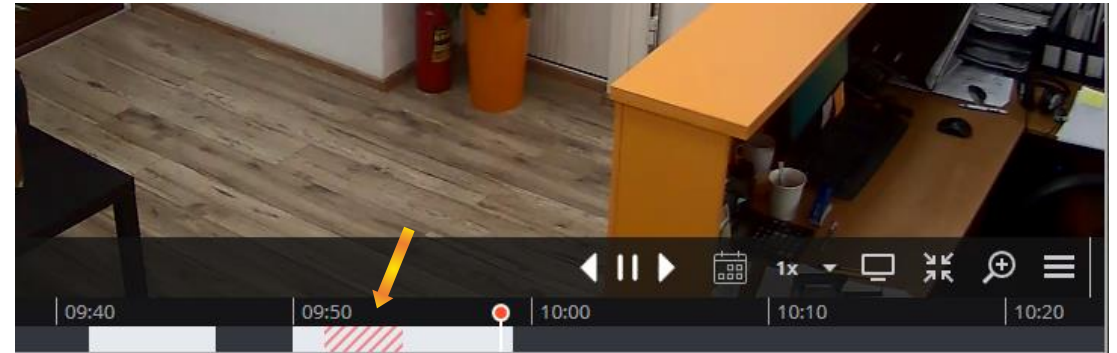
Episode Archive

Increase the reliability and flexibility of archive storage with the ability to protect an episode (archive fragment) from being overwritten

- 1 Save episodes of any length
- 2 Specify a reason for saving the episode
- 3 Keep episodes for unlimited time (manual deletion of an episode, individual rights to delete)

✓ Windows and Linux

✓ Eocortex Enterprise and ULTRA licenses



Episode Archive

4

Episodes and related information available in one place (Episode Archive)



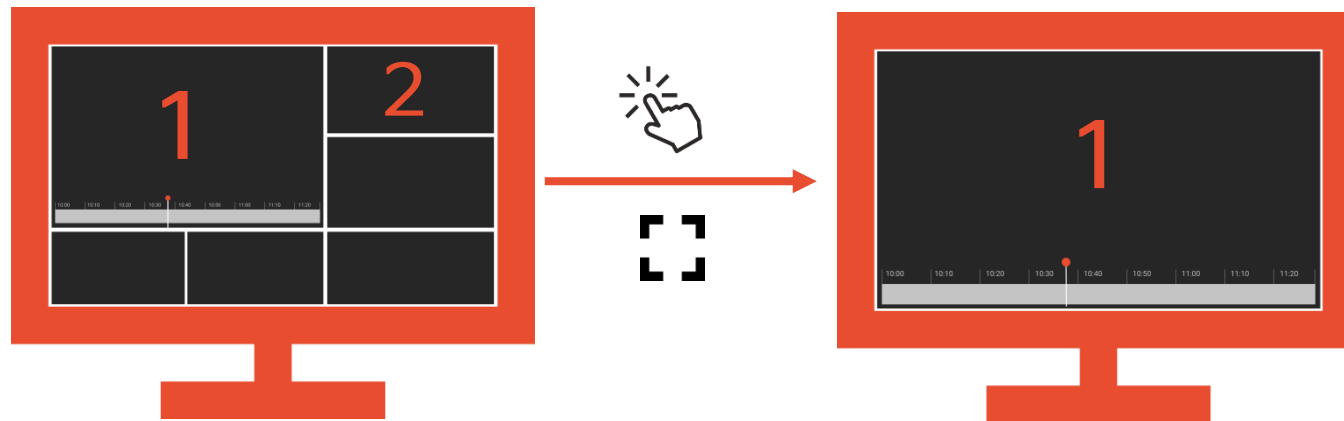
- ✓ Saving and storing episodes in sequential order
- ✓ Displaying free space from the available disk space
- ✓ Filtering by: time, description, user, cameras
- ✓ Possibility to export and delete episodes

React to events even faster

Overview Monitor

Don't overlap the camera grid with the camera in full-screen mode and quickly react to events

Overview monitor is a new feature for single or multiple displays that allows to immediately open the camera in full-screen mode on a dedicated display



1

Works in pair with:

- Main monitor
- Alarm monitor

2

Transition to the overview monitor is carried out by double-clicking real-time/archive cell

**Save time –
set up large systems in a few clicks**

Camera Group Creation

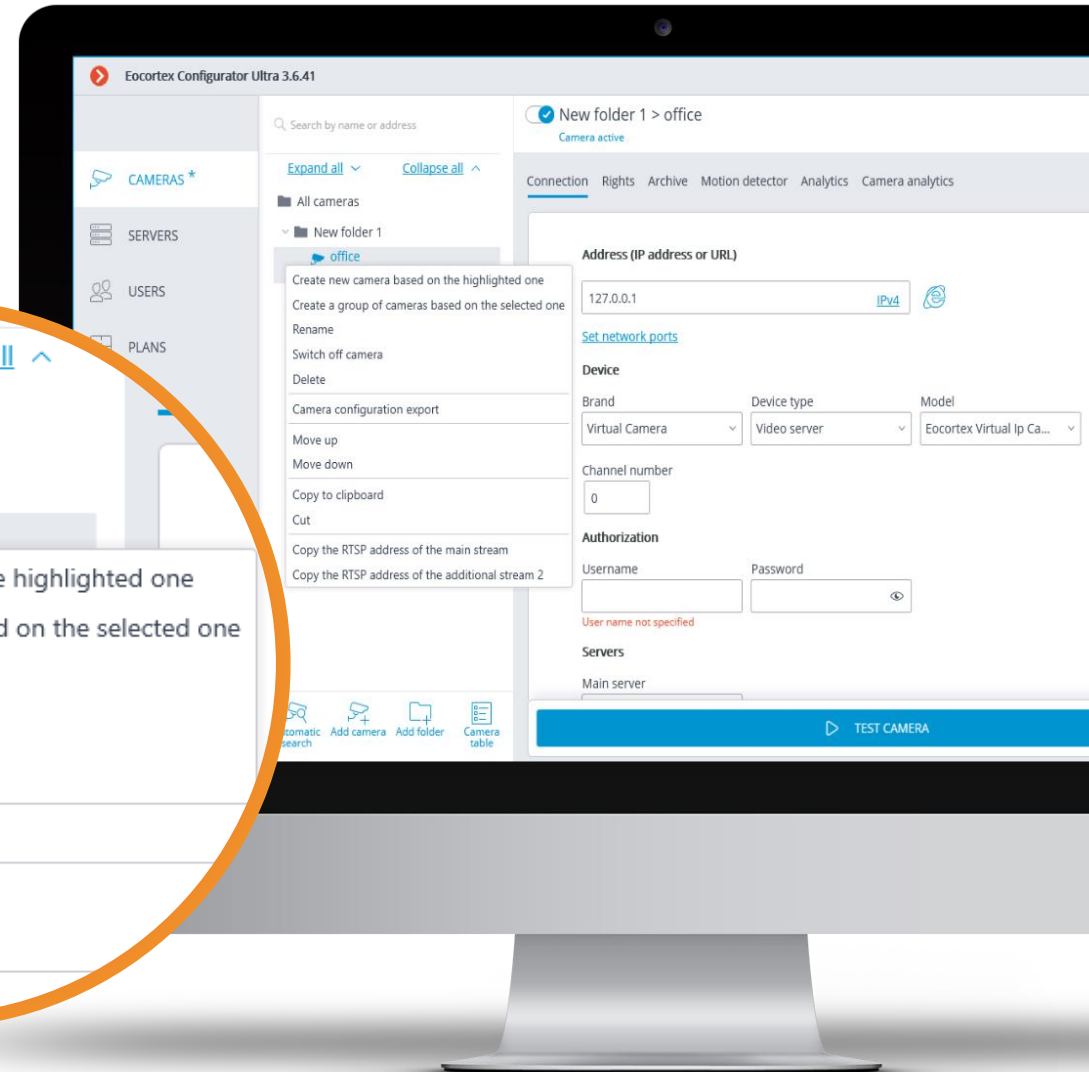
Hundreds of cameras can be set up in a couple of clicks

1

Create an unlimited number of cameras based on a template

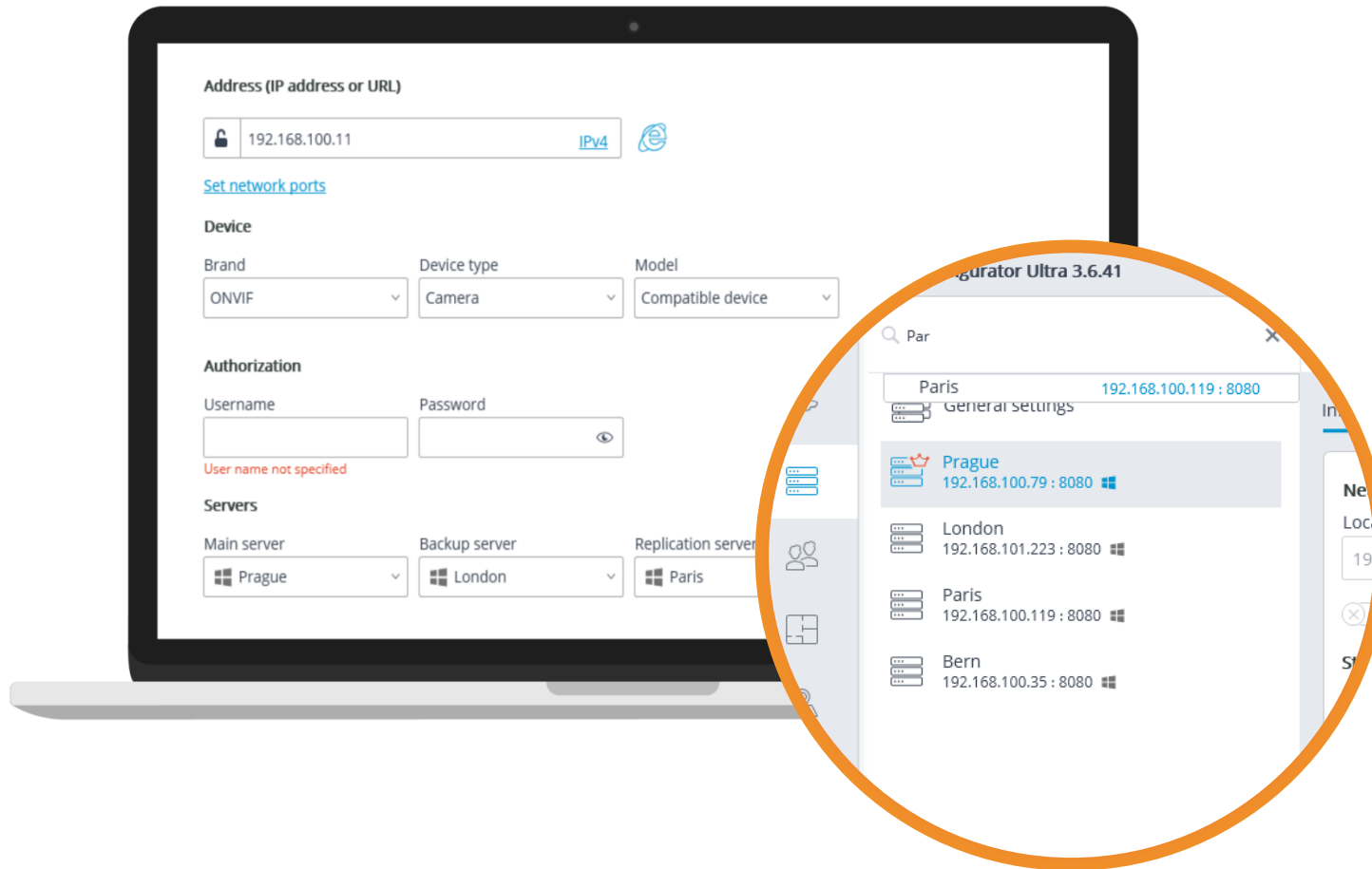
2

Automatic assignment of IP addresses to cameras



Search in Server List

Convenience of interaction with the interface (in systems with a large number of servers)



1

Quick search by part of the name in server list

2

The search engine is case insensitive and works on any part of the searched text

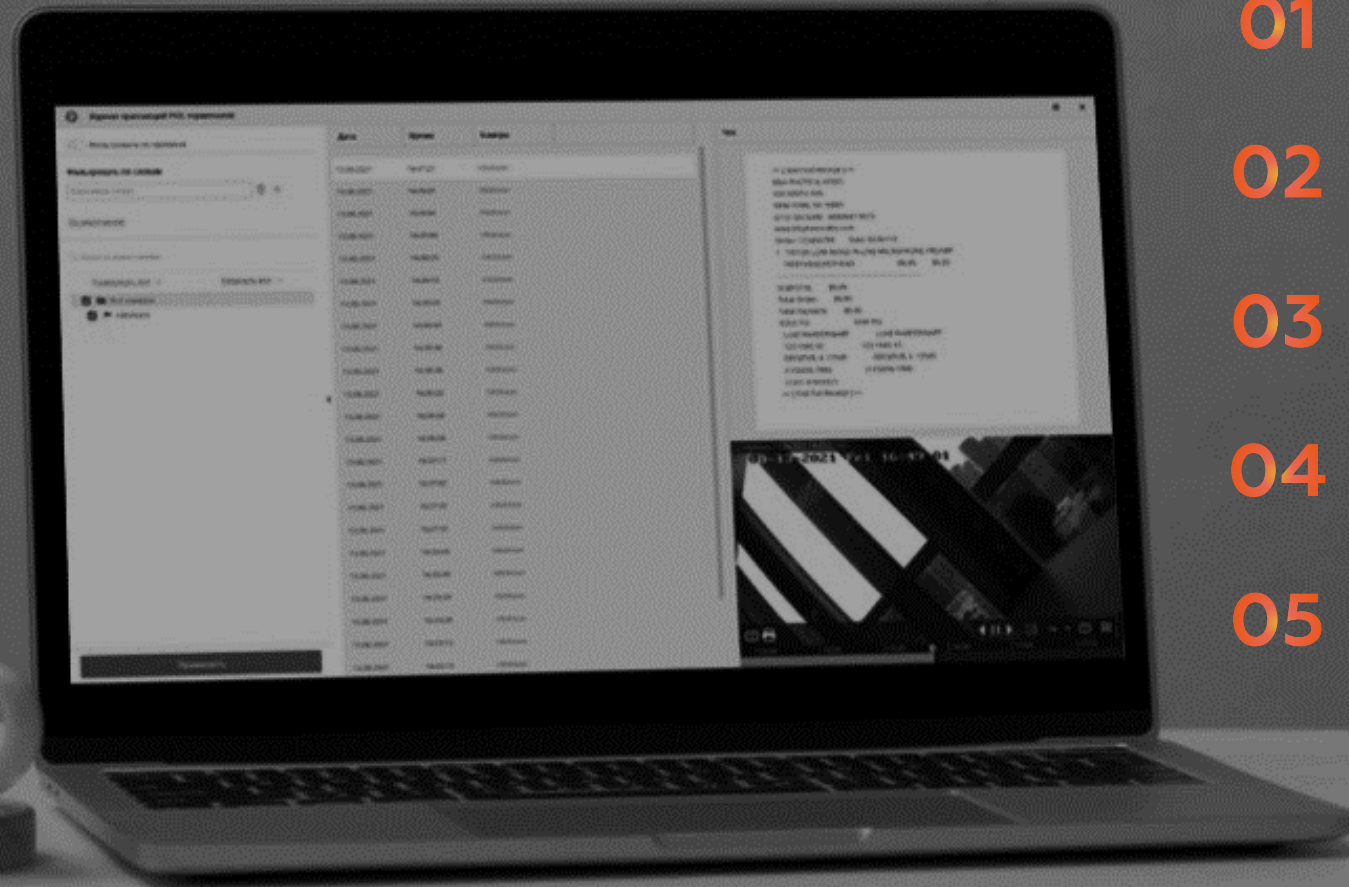


Integrations

Additional integrations for
business tasks



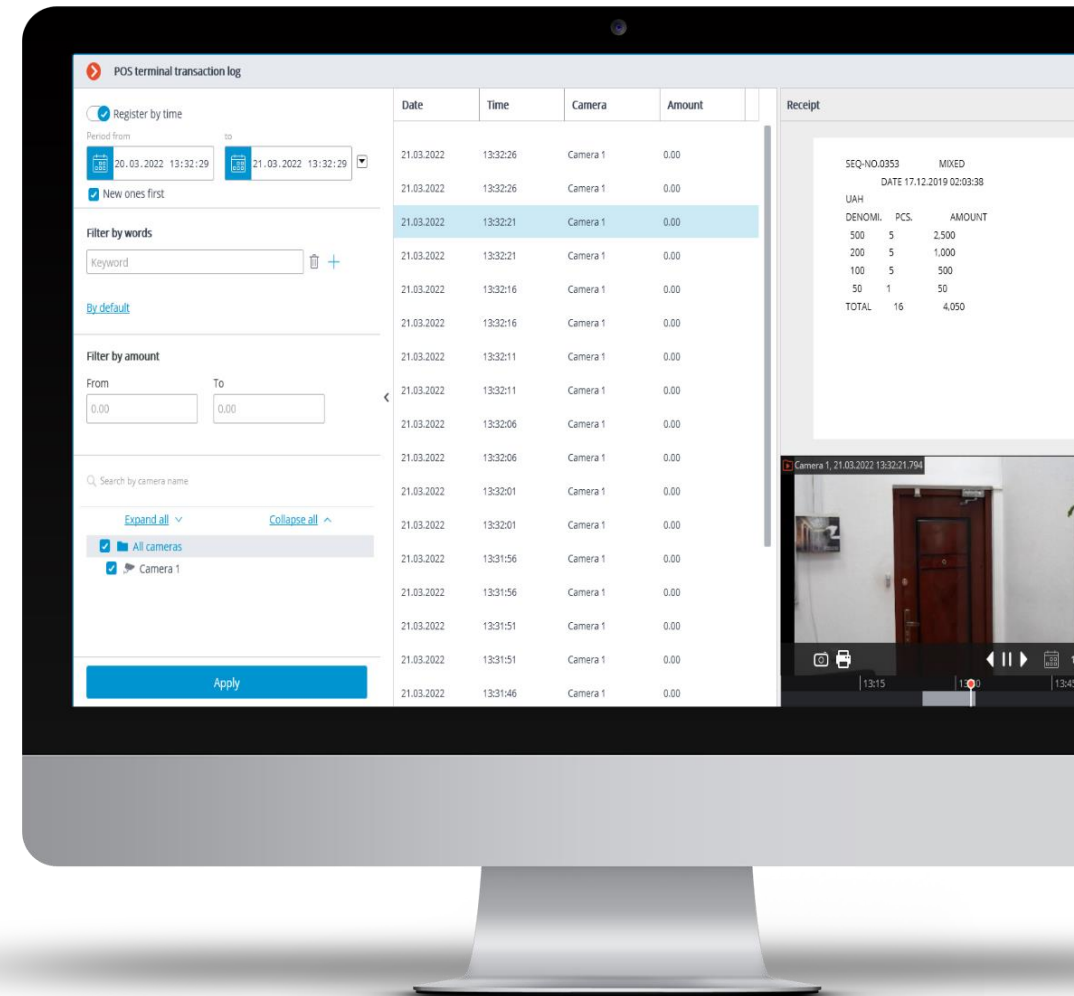
Integration with POS terminals



- 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

Search by receipt amount

- 1 Find receipt by total amount
- 2 Find all receipts within the specified amount range
- 3 Create scenarios based on total amount of receipt



The screenshot displays a software interface for a POS terminal transaction log. The main window is titled "POS terminal transaction log" and features a table of transactions with columns for Date, Time, Camera, and Amount. The table lists multiple transactions from 20.03.2022 to 21.03.2022, all with an amount of 0.00. The interface includes several filter options: "Register by time" with a date range selector (20.03.2022 13:32:29 to 21.03.2022 13:32:29), "Filter by words" with a keyword input field, and "Filter by amount" with "From" and "To" input fields (both set to 0.00). There are also "Expand all" and "Collapse all" buttons, and a list of camera names with checkboxes (All cameras and Camera 1). An "Apply" button is located at the bottom of the filter section. On the right side, a "Receipt" panel shows a summary for "SEQ-NO.0353 MIXED" dated "17.12.2019 02:03:38". The receipt details include "UAH DENOM. PCS. AMOUNT" with a total of 4,050. A video player in the bottom right corner shows a camera feed from "Camera 1, 21.03.2022 13:32:21.794".

Date	Time	Camera	Amount
21.03.2022	13:32:26	Camera 1	0.00
21.03.2022	13:32:26	Camera 1	0.00
21.03.2022	13:32:21	Camera 1	0.00
21.03.2022	13:32:21	Camera 1	0.00
21.03.2022	13:32:16	Camera 1	0.00
21.03.2022	13:32:16	Camera 1	0.00
21.03.2022	13:32:11	Camera 1	0.00
21.03.2022	13:32:11	Camera 1	0.00
21.03.2022	13:32:06	Camera 1	0.00
21.03.2022	13:32:06	Camera 1	0.00
21.03.2022	13:32:01	Camera 1	0.00
21.03.2022	13:32:01	Camera 1	0.00
21.03.2022	13:31:56	Camera 1	0.00
21.03.2022	13:31:56	Camera 1	0.00
21.03.2022	13:31:51	Camera 1	0.00
21.03.2022	13:31:51	Camera 1	0.00
21.03.2022	13:31:46	Camera 1	0.00

Receipt Summary:

SEQ-NO.0353 MIXED
DATE 17.12.2019 02:03:38
UAH
DENOM. PCS. AMOUNT
500 5 2,500
200 5 1,000
100 5 500
50 1 50
TOTAL 16 4,050

Video Analytics Built Into Milesight and Hanwha Cameras

New camera-based video analytics is now available in Eocortex



Receiving Tracking Alarms
Sabotage detector
Fog and smoke detector
Flame detection
Object counting



Abandoned and removed
objects detection
People counting
Area monitoring Sabotage
detection
Sound detection
Objects detection



Line crossing
Area monitoring
Sound detection
Sabotage detection
Fog and smoke detection
Queue size monitoring
License plate recognition
Objects detection

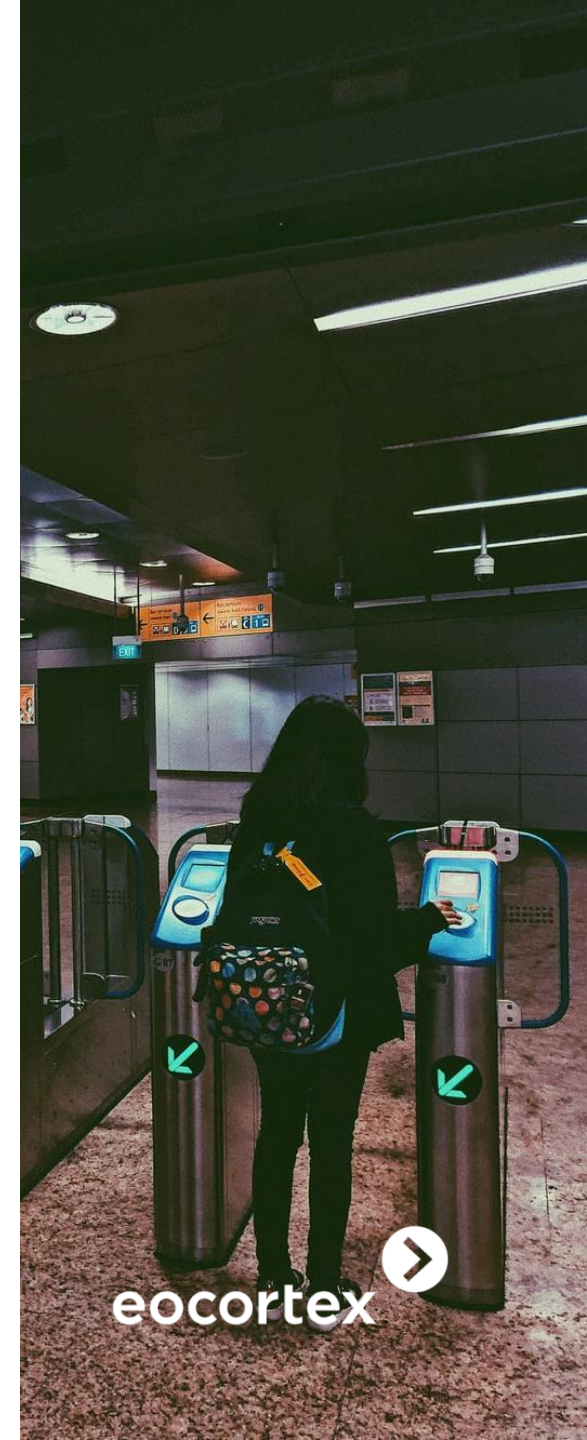


Integration with ZKBioSecurity ACS

Integration includes:

- 1 Receive events from ZKBioSecurity
 - 2 Configure and execute scenarios based on ACS events
- ✓ Windows and Linux OS

ZKT*ECO*



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Video analytics

Extended functionality and performance improvements



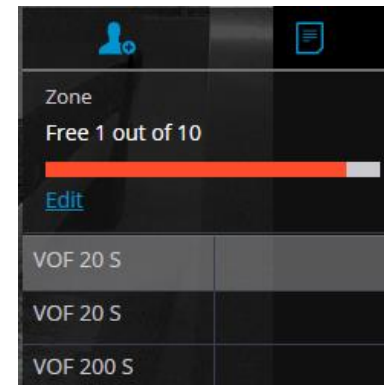
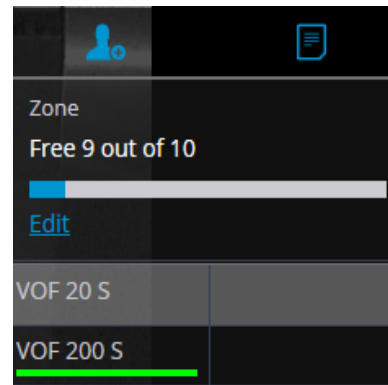
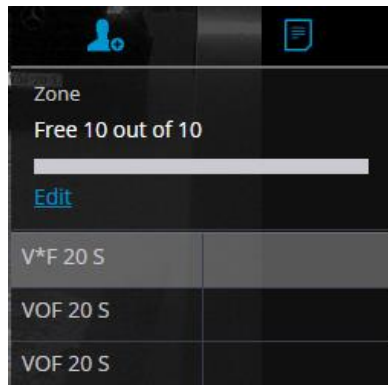
3.6 brings special features for parking

Counting Vehicles In Parking Lots

Expand the capabilities of the License Plate Recognition module and solve tasks of accounting for cars in parking lots (the Smart City or Retail projects)

What's new:

- 1 Counting vehicles in parking lots (how many drove in/out, total amount inside)



Counting Vehicles In Parking Lots

2

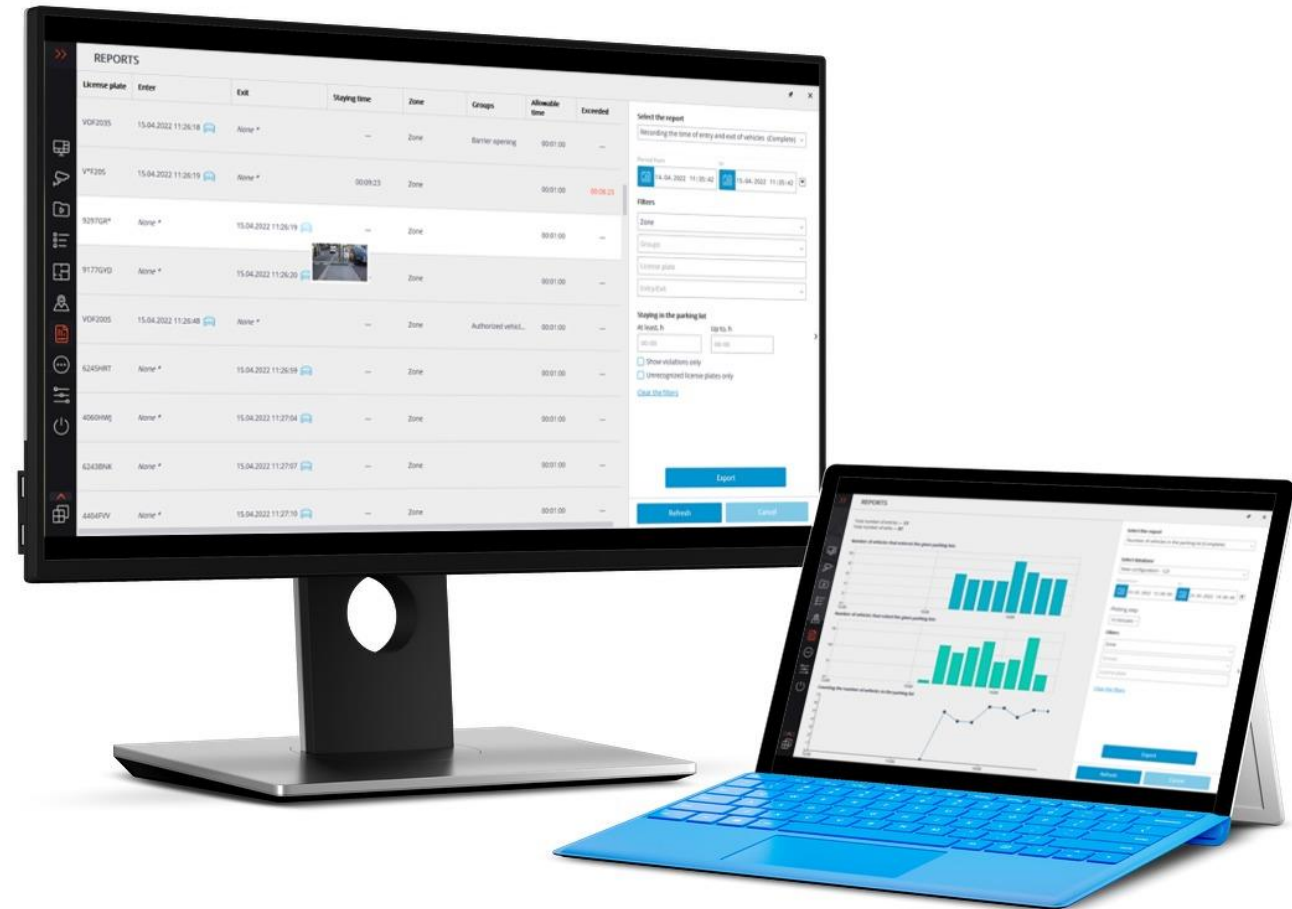
Counting the time spent by a vehicle in the parking lot

3

Visual indication of parking occupancy and the number of empty spaces.

New reports:

- Number of vehicles in the parking lot
- Recording the time of entry and exit of vehicles



**Run 4x intelligent modules using
the same hardware**

Optimization Of Neural Networks

More optimal consumption of server resources

Optimized neural networks (Eocortex Neural Networks Special):

- 1 Processing 2 times more analytical modules with the same hardware requirements (CPU, GPU)
- 2 Works only on GPU (GPU must meet certain requirements)
- 3 Works even better with powerful GPUs

Updated object detector

- 1 Increased detector accuracy (for example, by 20% when searching for vehicles)



- 2 GPU resource consumption is reduced by **2 times** for Standard and **4 times** for Optimized neural networks



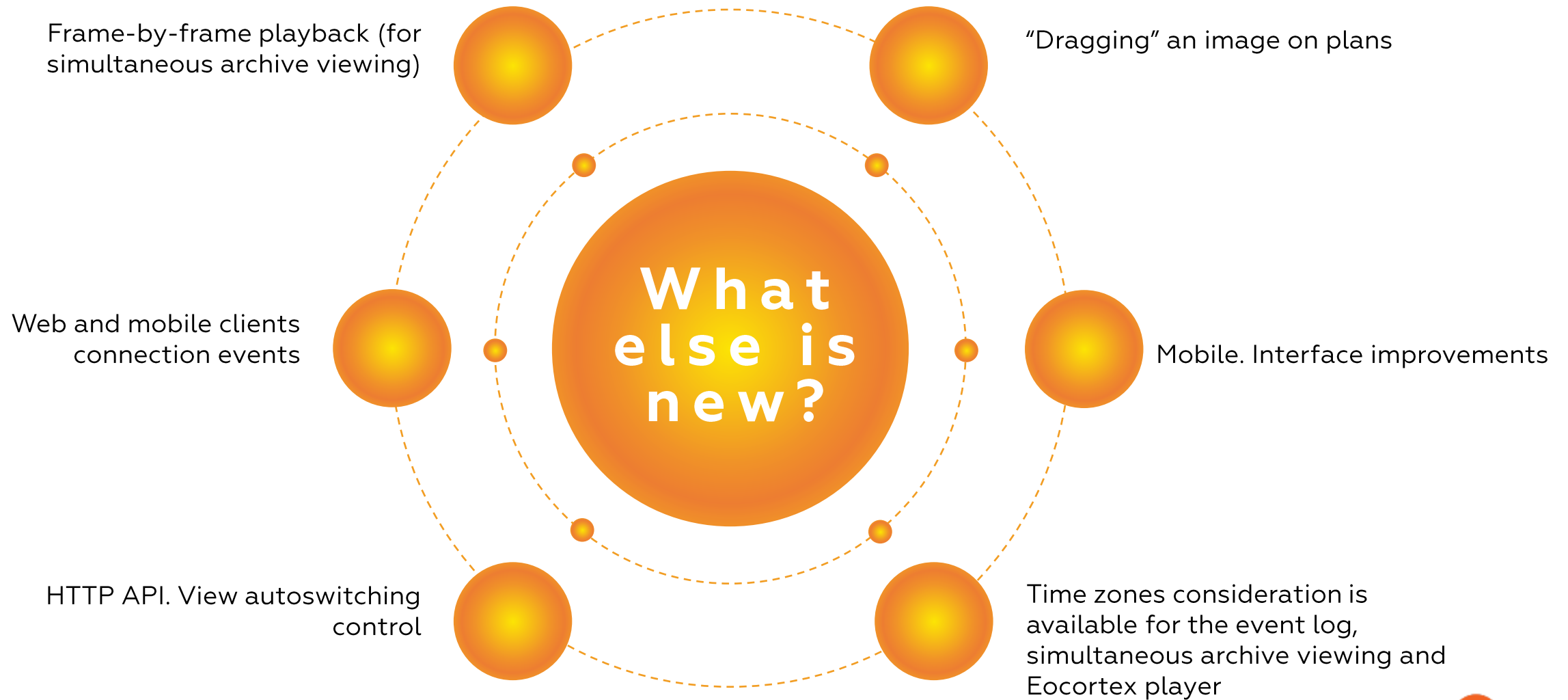
Tracking



Search for Objects



Uniform Detector



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