



The easy way

Eocortex is an easy to set up
and use professional open
platform VMS





Eocortex is a global provider of an Open-Platform Video Management Software (VMS) with the added strong intelligence of video analytics

2008

company founded

21

Video Analytics modules

6 000+

camera models +ONVIF, +
PSIA compatible

10 min

time required for installation
and configuration

40+

countries

5 000+

partners in the world

27 000+

projects implemented

300 000+

cameras operating on
Eocortex VMS

\$0

cost of personnel training and
certification

\$0

pre-sale service cost for your
projects

\$0

cost of technical support

\$0

cost of all Eocortex VMS
updates

Eocortex in the World



Czech Republic



Germany



Italy



Denmark



UAE



Saudi Arabia



South Africa



India



Belgium



Spain



Luxembourg



UK



Qatar



Oman



Turkey



Vietnam



France



Poland



Portugal



USA



Kuwait



Egypt



Bahrain



Malaysia



Slovakia



Hungary



Netherlands



Canada



Iran



Tunisia



Pakistan



Australia



Politzone ARRO Ieper, Belgium

> 500 IP cameras / ULTRA

CCTV tasks

- to update the existing CCTV system
- to keep the existing cameras and integrate them with the new VMS
- to add new cameras to the CCTV system
- to create the centralized control system of the united police departments

Eocortex advantages

- Easy to use by a police employee
- Flexibility and reliability
- Free updates: saves the budget for expanding the CCTV system
- Suspect Search module
- Videowall

Modifications

- Integration with Mobotix cameras (MxPEG)

Prison in Izmir, Turkey

> 1000 IP cameras / ULTRA

CCTV tasks

- to create the centralized control system of 6 prison site
- to provide 24/7 control with remote access
- to check the status of all the components of the surveillance systems
- to integrate CCTV with Fire Alarm system

Eocortex advantages

- Free integration
- System Health Check
- Free updates: saves the budget for expanding the CCTV system
- Compatibility
- User-friendly interface
- Videowall

Modifications

- Integration with the Fire Alarm system



Hulamin aluminium factory, South Africa

> 450 IP cameras / ST license

CCTV tasks

- to provide the required level of security at the factory and to monitor personnel activity
- to update the existing CCTV system with saving of existing NVR and video equipment
- to provide continuous system upscaling

Eocortex advantages

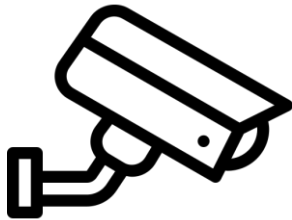
- Free of extension of the project
- Compatibility
- User-friendly interface
- Flexibility and reliability
- Lifelong licenses without maintenance plan
- Free updates of VMS



Our Products

Open-platform VMS

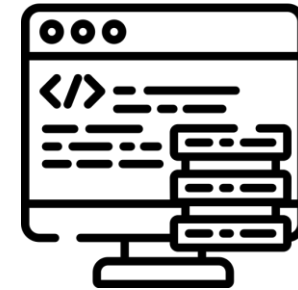
Open SDK, API and ONVIF technology allow you to integrate Eocortex without having to make additional modifications



5000+ models of IP cameras



30+ third-party devices



80+ DVR models

Eocortex VMS Capabilities

- End-user's user-friendly and intuitive product.
No special admin or programming skills are required.
- Very stable system with strong failover features, the video stream does not stop, even if the hard disk falls down.
- Ability to work with large and small systems and possibility to upscale your project at any time.
Various license packages are calculated for all kind of requests from 2 to an unlimited number of cameras.
- Individual approach to our partners, special versions, common and personal flexible solutions, quick response to the market changes, feedback and technical support.
- Wide variety of intelligent modules to solve any security and business task.
- Integration with 6000+ cameras, 30+ third-party devices, 80+ DVR models. Open SDK, API and ONVIF technology allow you to integrate Eocortex without having to make additional modifications. Automatic search of the cameras which support ONVIF or UPnP search protocol in the local network.

Eocortex Licenses

	Eocortex ML	Eocortex LS	Eocortex ST	Eocortex Enterprise	ULTRA
Number of IP cameras per system	1 – 20	1 – 400	unlimited	unlimited	unlimited
Number of IP cameras per 1 server	up to 20	up to 80	unlimited	unlimited	unlimited
Number of servers	1	up to 5	unlimited	unlimited	unlimited
Number of workstations	up to 2	up to 10	unlimited	unlimited	unlimited

Software for creating smaller systems. The ML version does not support intelligent modules, but may be upgraded to LS, ST, Enterprise or Ultra version.

The version aimed at creating middle size IP video surveillance systems and to connect the variety of intelligent modules. Additional modules for the LS version are available at extra charge. The LS version may be upgraded to ST, Enterprise or Ultra version.

The ST version comes with the number of free intelligent modules. Face Mask Detection, Face Detection, Abandoned Object Detection, Tracking, Suspect Search included to the license price. Other Intelligent functions you can connect optionally. The ST version may be upgraded to Enterprise or Ultra version.

Face Mask Detection, Face Detection, Abandoned Object Detection, Tracking, Suspect Search and special functions for large systems included to the license price. Other Intelligent functions you can connect optionally.

The high-end solution allows to build a video surveillance system of any size. All the analytics are included into one license along with the in-build solution for video wall, archive mirroring, backup drives and internal chat between operators.

- ✓ The licenses can be upgraded at any time with payment for difference in prices of licenses or modules if you would like to add
- ✓ Downgrade of licenses is not possible (including downgrade from bigger to smaller number of licenses per one license key)



VIDEO ANALYTICS

	ML	LS	ST	EN	UL
Face Mask Detection	-	free	free	free	free
Face Detection	-	\$	free	free	free
Abandoned Object Detection	-	\$	free	free	free
Tracking	-	\$	free	free	free
Suspect Search	-	\$	free	free	free
Personnel Monitoring	-	\$	\$	\$	free
Smoke & Fire Detection	-	\$	\$	\$	free
Loud Sound Detection	-	\$	\$	\$	free
Fisheye Dewarping	-	\$	\$	\$	free
Heat Map	-	\$	\$	\$	free
Crowd Monitoring	-	\$	\$	\$	free
People Counting	-	\$	\$	\$	free
People Counting in Queue	-	\$	\$	\$	free
Hard Hats Detection	-	\$	\$	\$	free
Shelf Fullness Check	-	\$	\$	\$	free
Unique Visitor's Counting	-	\$	\$	\$	free
License Plate Recognition	-	\$	\$	\$	\$
Face Recognition	-	\$	\$	\$	free



ADDITIONAL FEATURES

Audio Stream Processing	free	free	free	free	free
Sabotage Detection	free	free	free	free	free
PTZ Camera Control	free	free	free	free	free
Web Client	free	free	free	free	free
Mobile Client	free	free	free	free	free
System Health Check	free	free	free	free	free
Failover	-	\$	\$	free	free
Video Wall	-	-	-	free	free
Operator Chat	-	-	-	free	free
Active Directory	-	-	-	free	free
Archive Redundancy and Decimation	-	-	-	free	free
REST API	-	-	-	free	free
Multi-Level Administration (Rights)	-	-	-	free	free
System monitoring	-	-	-	free	free

Video Analytics Modules



Face Recognition

To organize 100% controlled access of people to the territory



Tracking

To prevent terrorist acts, to minimize loss of property caused by the actions of third parties



Abandoned Object Detection

To prevent terrorist attacks, to eliminate the threat to life and health of people



Face Detection

To minimize property loss, to avoid threats to life and health of people



Suspect Search

To prevent and investigate offenses, to find lost children in a large building



Loud Sound Detection

To respond promptly to force majeure events, accompanied by a loud sound



Crowd Monitoring

To prevent mass unrest and public disturbance



Unique Visitor Counting

To exclude staff and visitors who come and go repeatedly to get accurate figures

Video Analytics Modules



License Plate Recognition

To organize fully controlled car access, to monitoring and calculate traffic



People Counting

To increase marketing and sales effectiveness, to adjust rental rates



Audio Stream Processing

To prevent offences and improve staff performance



Personnel Monitoring

To increase work performance of your staff, to reduce risks attributable to human factor



People Counting in Queue

To increase sales proceeds and customer loyalty



Heat Map

To increase the economic return of the commercial or office space use



Hard Hats Detection

To minimize the number of injuries due to violation of safety requirements by workers



Shelf Fullness Check

To increase sales proceeds and customer loyalty

Video Analytics Modules



Face Mask Detection

To detect people not wearing medical face masks in the frame



Sabotage detection

To minimize the time of video surveillance cameras inoperability



Fisheye dewarping

To reduce the cost of the video surveillance system



Failover

To provide a video stream and to record a video archive regardless of force majeure factors



Smoke and Fire Detector

To avoid victims, loss of property and disasters caused by fires

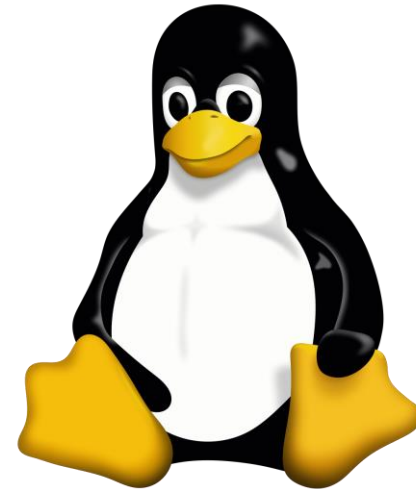
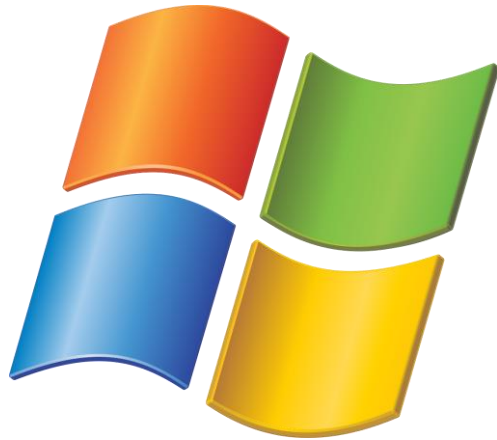


PTZ camera control

To provide greater flexibility of the video surveillance system

Operation systems support

**Eocortex VMS supports 2 operating systems:
Windows and Linux.**



Eocortex Licensing Features

The single Eocortex license allows the connection to one IP camera. Only the server dedicated software is subject for licensing. Eocortex user may select one of two options to access the software: USB key or Soft key. Maximum number of channels, which can be attached to one key is equal to 4000

USB key	Soft key
A physical security key and an electronic license file (*.lic) installed on the server. One server can use only one Eocortex software protection USB-key.	An electronic license file sending by email. A software key is assigned to server hardware components. After activation the key can not be moved to another server.
Distribution kit	Distribution kit
<ul style="list-style-type: none">✓ The license key is sent by an email✓ USB key with license file	<ul style="list-style-type: none">✓ Soft key is sent by an email✓ Software installation package can be download from website
Advantages	Advantages
<ol style="list-style-type: none">1. USB-key is not assigned to a specific server2. If you extend the license, the USB-key should not be replaced3. It can be moved from one server to another, without additional payments for the new keys during the system migration	<ol style="list-style-type: none">1. Without additional payments for a physical key2. The high level of security – the key cannot be assigned to another computer

Eocortex Compatibility

AVIGILON

AXIS[®]
COMMUNICATIONS

 **BOSCH**

Brickcom


CISCO

dahua
TECHNOLOGY


Dallmeier

D-Link[®]

GANZ

 **GeoVision**

 Hanwha

HIKVISION

Honeywell

 **IDIS**

 **LG**


MOBOTIX

 **LILIN**

Panasonic

PELCO

SONY

uniview

 **VIVOTEK**

ZAVIO

 **ONVIF**

 **PSIA**
PHYSICAL SECURITY INTEROPERABILITY ALLIANCE

And other 100+
manufacturers

Eocortex: build GDPR-ready system

Setting archive
storage period

End-to-end
encryption:
camera-server-
Eocortex



Video Analytics

User Rights
Management

Possibility to delete
user data from system



Eocortex

Vertical Solutions

Eocortex Vertical Solutions Matrix



Intellectual Video Analytics	Business Facilities						Leisure & Entertainment			
	Banking	Retail	Casinos	Hotels	Buildings & Offices	Restaurants & café	Public Events	Stadiums	Ski Resorts	Zoos
Smoke and Fire Detection	●	●	●	●	●	●	●	●		
Tracking	●	●	●	●	●		●	●	●	●
Abandoned Object Detection	●	●	●	●	●	●	●	●		
Face Detection	●	●	●	●				●		
Suspect Search	●	●	●	●	●		●	●	●	
Loud Sound Detection	●	●	●	●	●	●	●			
Crowd Monitoring							●			
Face Recognition	●	●	●	●	●		●	●		
License Plate Recognition	●	●		●	●			●		
People Counting	●	●	●	●	●	●	●	●	●	●
Audio Stream Processing	●	●	●	●	●	●	●			
Personnel Monitoring	●	●	●	●	●					
Heat Map	●	●	●							
People Counting in Queue	●	●	●						●	
Failover	●	●	●	●	●	●	●	●	●	●
Sabotage Detection	●	●	●	●	●	●	●	●	●	●
PTZ Camera Control	●	●	●	●	●	●	●	●	●	●
Fisheye Dewarping	●	●	●	●	●	●				

Eocortex Vertical Solutions Matrix



Intellectual Video Analytics	Safe & Smart City				Public Transport & Parking						
	Museums	Hospitals	Education	Streets	Airports	Railway Stations	Cruise Ships	Gas & Petrol Stations	Parking	Underground	City Transport
Smoke and Fire Detection	●	●	●	●	●	●	●	●	●	●	●
Tracking	●	●	●		●	●	●	●	●	●	
Abandoned Object Detection	●	●	●		●	●		●	●	●	●
Face Detection	●	●	●		●	●	●	●	●	●	●
Suspect Search	●	●	●	●	●	●	●		●	●	
Loud Sound Detection	●	●	●	●	●	●	●	●	●	●	
Crowd Monitoring			●	●	●	●					
Face Recognition	●	●	●		●	●	●	●			
License Plate Recognition			●	●	●	●		●	●		
People Counting	●	●		●	●	●	●			●	
Audio Stream Processing	●	●	●	●	●	●	●	●	●	●	
Personnel Monitoring	●	●			●	●	●	●	●		
Heat Map	●						●	●			
People Counting in Queue					●	●	●				
Failover	●	●	●	●	●	●	●	●	●	●	●
Sabotage Detection	●	●	●	●	●	●	●	●	●	●	●
PTZ Camera Control	●	●	●	●	●	●	●	●	●	●	●
Fisheye Dewarping	●	●	●		●	●	●	●	●	●	

Eocortex Vertical Solutions Matrix



Intellectual Video Analytics	Government Facilities			Logistics			Agricultural Facilities		Private Property
	Government Facilities	Prisons & Correctional Facilities	Border & Custom Control	Ports	Cargo Ships & Tankers	Warehouses	Fields	Fruit & Vegetables Farms	Perimeter & Home Control
Smoke and Fire Detection	●	●		●	●	●	●	●	●
Tracking	●	●	●	●	●	●	●	●	●
Abandoned Object Detection	●								
Face Detection	●			●	●	●	●	●	●
Suspect Search	●	●		●		●			
Loud Sound Detection	●	●	●	●	●	●			
Crowd Monitoring	●								
Face Recognition	●	●	●	●	●	●			●
License Plate Recognition	●	●	●	●		●		●	●
People Counting	●								
Audio Stream Processing	●	●	●						●
Personnel Monitoring	●	●	●		●	●			●
Hard Hats detection				●	●				
Failover	●	●	●	●	●	●	●	●	●
Sabotage Detection	●	●	●	●	●	●	●	●	●
PTZ Camera Control	●	●	●	●	●	●			●
Fisheye Dewarping	●	●	●	●	●	●			●



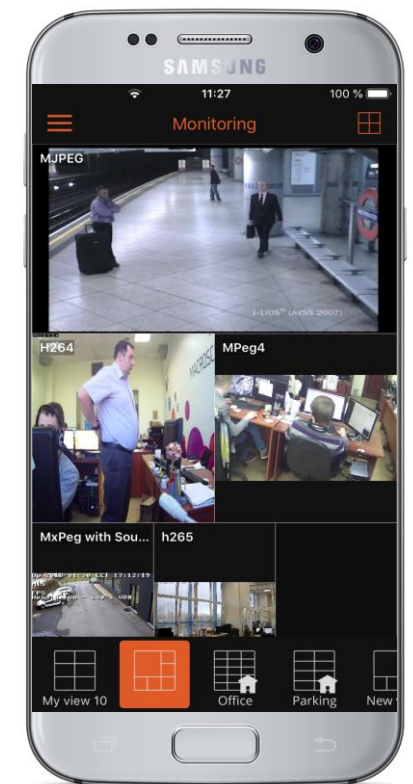
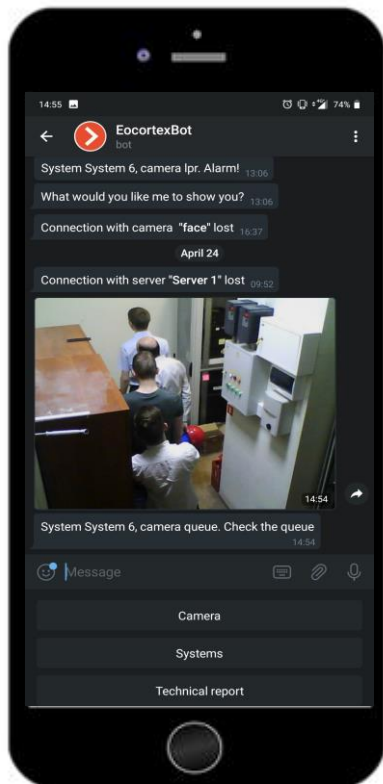
Remote Access to Your CCTV System

Remote Access



To get mobile access to your video surveillance system, you can use mobile applications on iOS, Android, messengers and through web client via the browser.

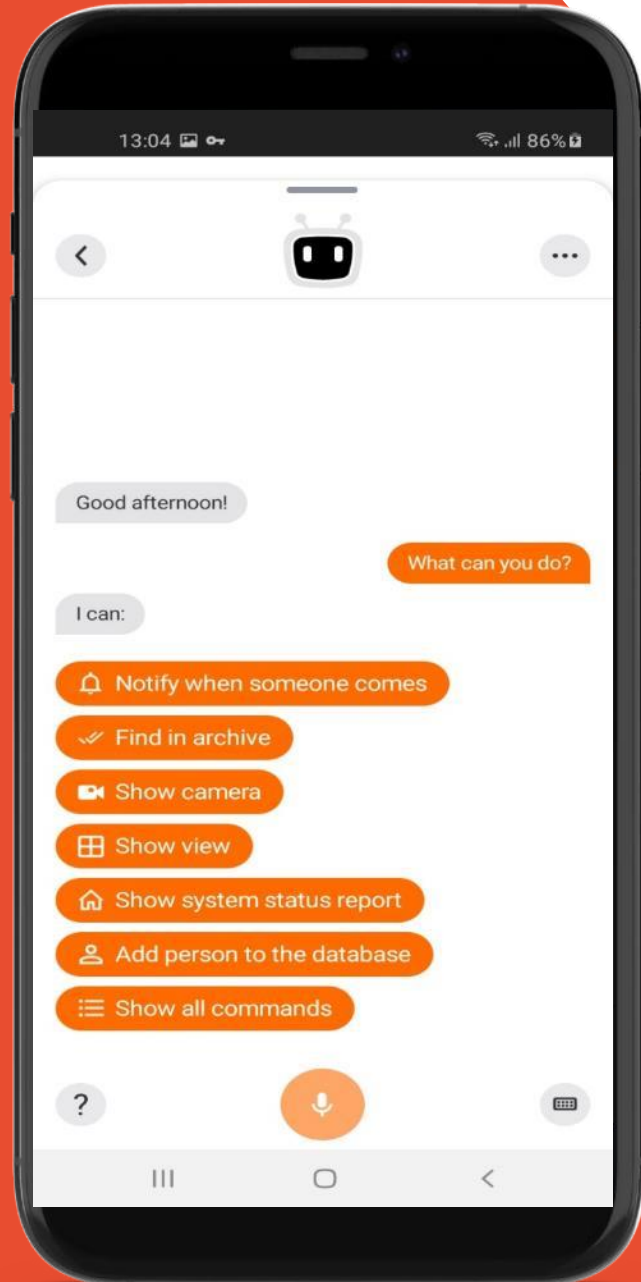
Video stream formats supported by mobile clients: MJPEG, MPEG-4, MxPEG, H.264, H.265 and any versions of operating systems.



Remote Access

Features and functions	Android	iOS	Web-client
Watch online			
View images from cameras online	+	+	+
Configure the frame rate for viewing	+	+	+
Adjust the number of IP cameras in a multipicture	up to 15	up to 15	up to 5
Scale the image	+	+	+
Drag a channel in a multipicture grid	+	+	+
Take screenshots	+	+	+
Listen to the sound from cameras	+	+	+
Manage online			
Control PTZ cameras	+	+	+
Receive notifications online			
Receive push-notifications about events that are configured in video analytics	+	+	+
Work with the video archive			
Play the archive, search for frames by date and time	+	+	+
Speed up archive viewing 20-fold and slow down 10-fold	+	+	+

EVA – YOUR PERSONAL VOICE ASSISTANT



Write in the chat

Set tasks using voice commands

Use command buttons

EVA WILL HELP YOU

- 
- to open any available camera
 - to open any available view
 - to add a person to the face database
 - to remove a person from the face database
 - to find an event (e.g. a person's appearance in the area)
 - to notify about the appearance of a person in the area
 - to assign a person to a group
 - to remove a person from a group

Eocortex Trial Version

- ✓ Test licenses are ST or ULTRA version, full-function (including LPR and FaceRec), time-limited by **30 days** from the date of issuance
- ✓ For projects with 50+ cameras it's possible to order **60-90 days test license**
- ✓ If End-user is happy with Eocortex testing, it's possible to extend test-license to commercial after paying for it, generation of separate license key is not necessary
- ✓ Test licenses can be ordered in USB or soft-key version, it should be negotiated with Eocortex sales manager beforehand
- ✓ Test license key can be extended only once, after that it will be possible to extend it only after paying for licenses



Useful materials

- ✓ [Installation package](#)
- ✓ [Supported cameras](#)
- ✓ [Technical documents](#) (User guide, Admin guide)
- ✓ [Change logs](#) (2.5 – 2.8 versions)
- ✓ [Calculator](#)
- ✓ [Recorded webinars and videos on YouTube](#)
- ✓ [Promo materials](#) (for publication)
- ✓ [Successful projects](#)
- ✓ [News and publications](#)
- ✓ [Brief description of Analytics](#)

[Project registration form](#)

[Project reference form](#)



**You are welcome with your
questions and projects**

eocortex 

www.eocortex.com