



eocortex



Eocortex 3.4

Online presentation of the new version

Eocortex has been active on the safety and security market for over 10 years



700,000+

cameras work with
Eocortex



Benchmark recognizes
Eocortex as one of the most
user-friendly VMS in the
world.

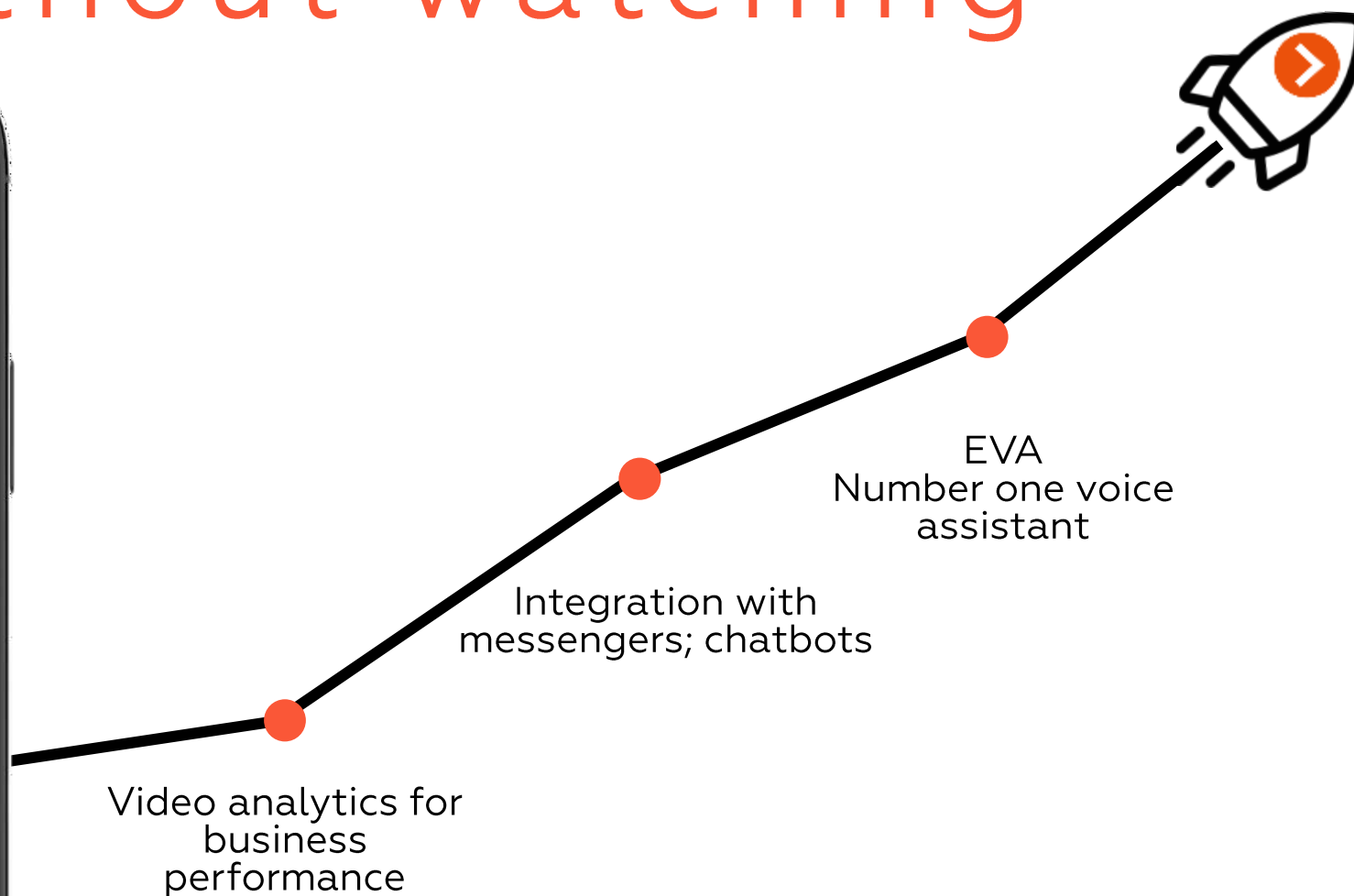
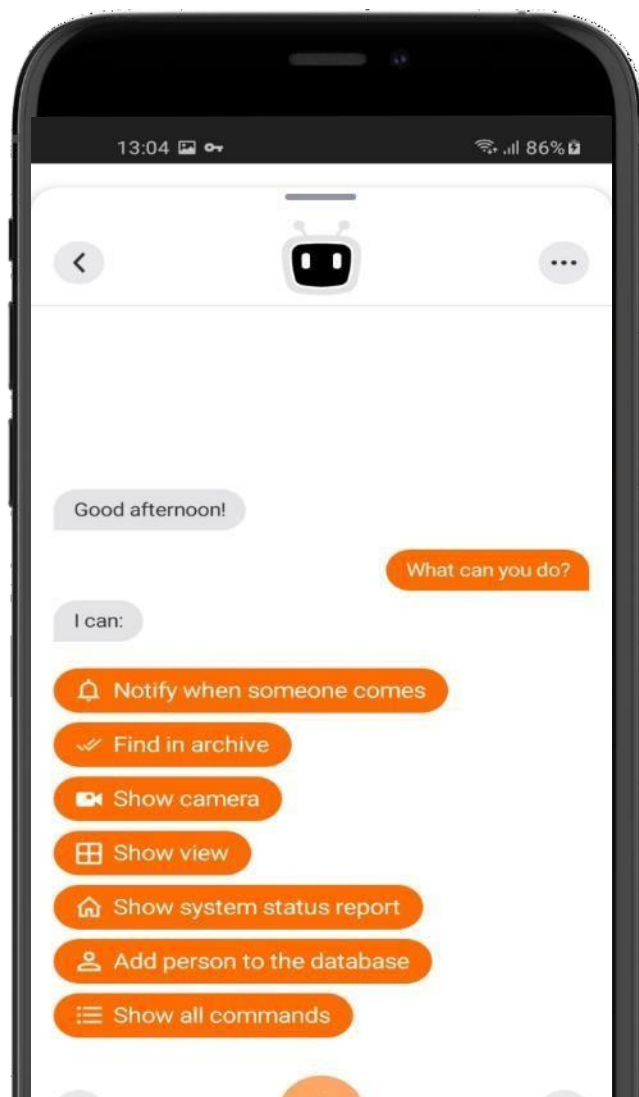
in 85

countries worldwide



Breakthrough «Winner of
the Year» at the «Exporter
of the Year Award» in 2021

Video surveillance without watching



FROM VERSION
TO VERSION

3.4

3.3

3.2

WE'VE BEEN MAKING OUR PRODUCT MORE
CONVENIENT AND FEATURE-PACKED

based on market analysis, trends
and feedback from partners and users

3.4

What's new?



Updated video analytics



Features for
administrators



Improved usability



Updated video analytics



Interactive search in video
archive became

MORE EXTENSIVE

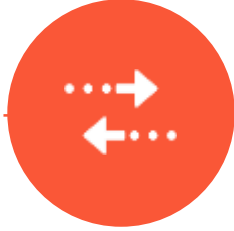
Now, in addition to finding objects using their
distinguishing features,
you can also pre-classify them

It is now possible to search for objects by their type



PEOPLE

- By color of clothes
- By samples from a video archive or an image file



MOVEMENT

- In a specified rectangular area
- Crossing a preset line



VEHICLES

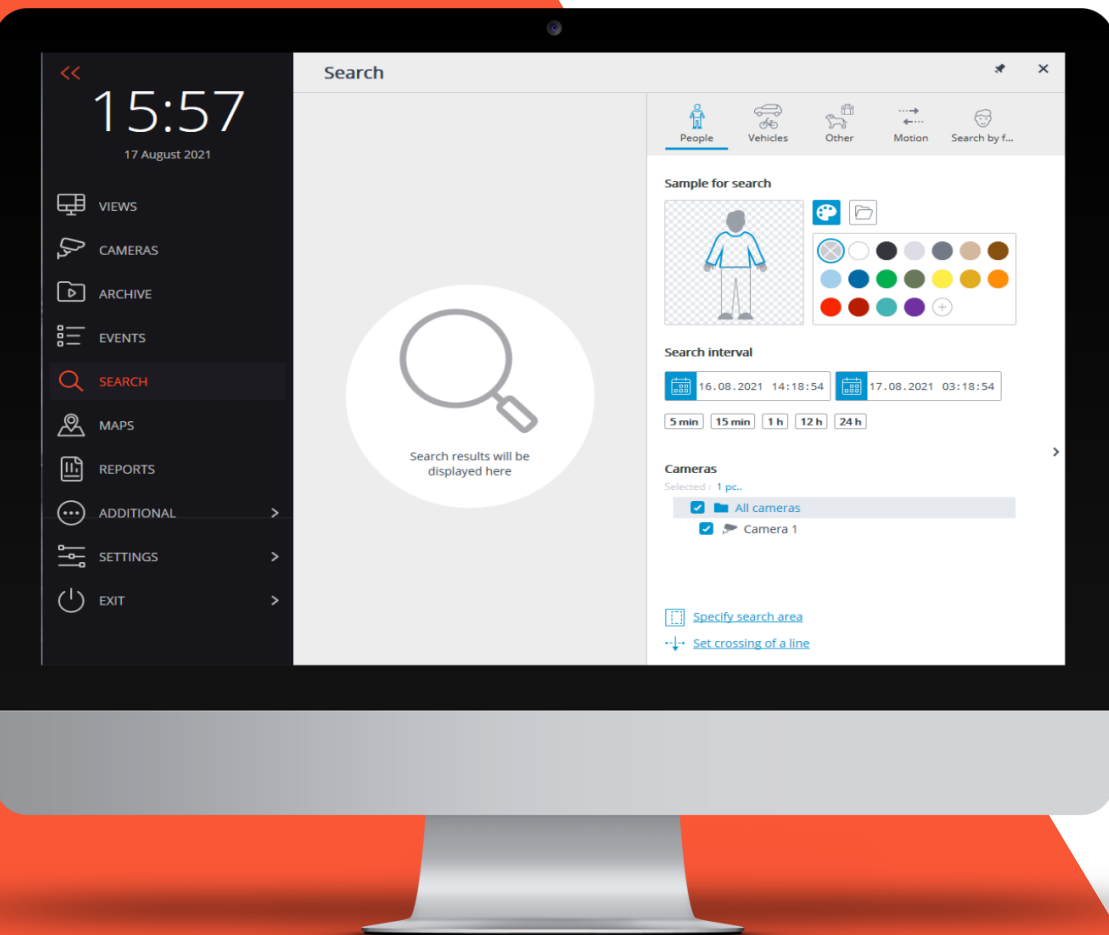
- Passenger cars and trucks, buses, two-wheelers
- By color and samples from video archive or image file



OTHER

- weapons
- animals
- bags

Search for objects in archive. What tasks does it tackle?



Searching for lost or abandoned objects



Investigating theft of cars, bikes, scooters, etc.



Investigating disappearances of persons or vehicles



Face recognition is even more precise and accurate

Each of the neural networks has been additionally trained to enable the module to recognize faces in medical masks as well as faces turned away from the camera



Wearing medical face masks is currently mandatory in public places all over the world



A face may not be completely visible if it is blocked by a phone, a hand, or if the person stands with their side to the camera

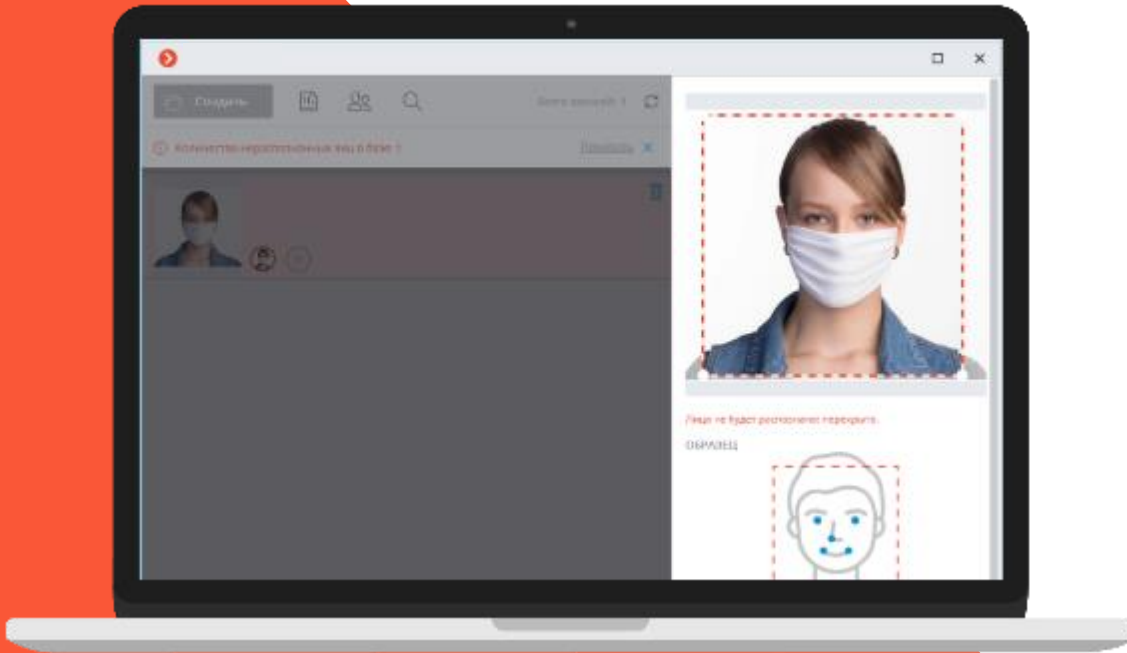
Faces turned away from the camera or masked can still be recognized

The accuracy of recognition of people wearing medical masks has been increased to

up to 80%

The overall accuracy of face recognition, even of faces turned away from the camera, has been increased to

up to 98%



REST API integrations



Added events

“Face found” and “Many people in queue” events, as well as conditions for performing actions upon occurrence of these events



Added requests

Requests for enabling, disabling and configuring the following video analysis modules:

- Face Recognition Complete
- Unique Visitor Counting
- License Plate Recognition Complete
- People Counting in Queue
- People Counting



Database operations

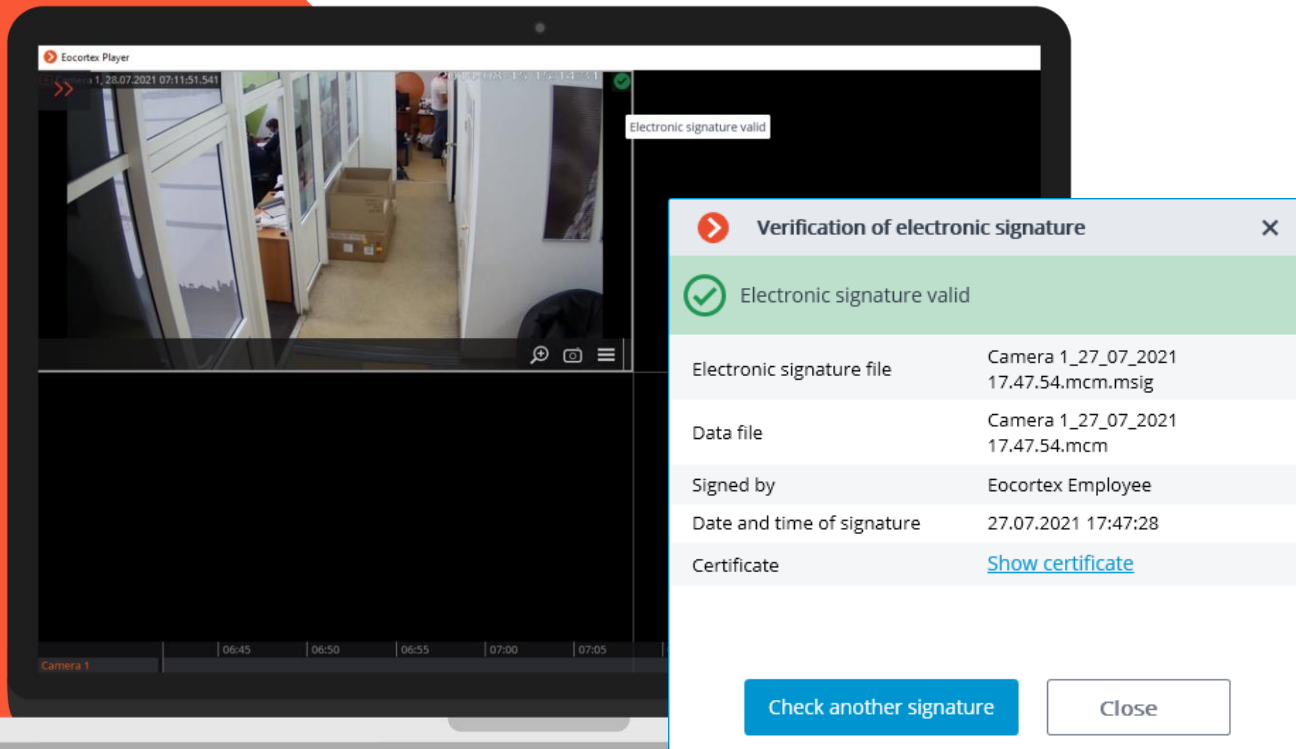
All the main license plate database operations are supported: receiving, adding, modifying and deleting data regarding vehicles and groups of vehicles



Features for administrators



Electronic signature for videos and screenshots



Certifies authenticity of exported files



Indicates and confirms authorship of a file



Complies with data security requirements



two IP addresses of a Eocortex server

An additional address can be used to set a public address visible in the Internet: it will be used in cases where it is not possible to connect to the server using its local address.

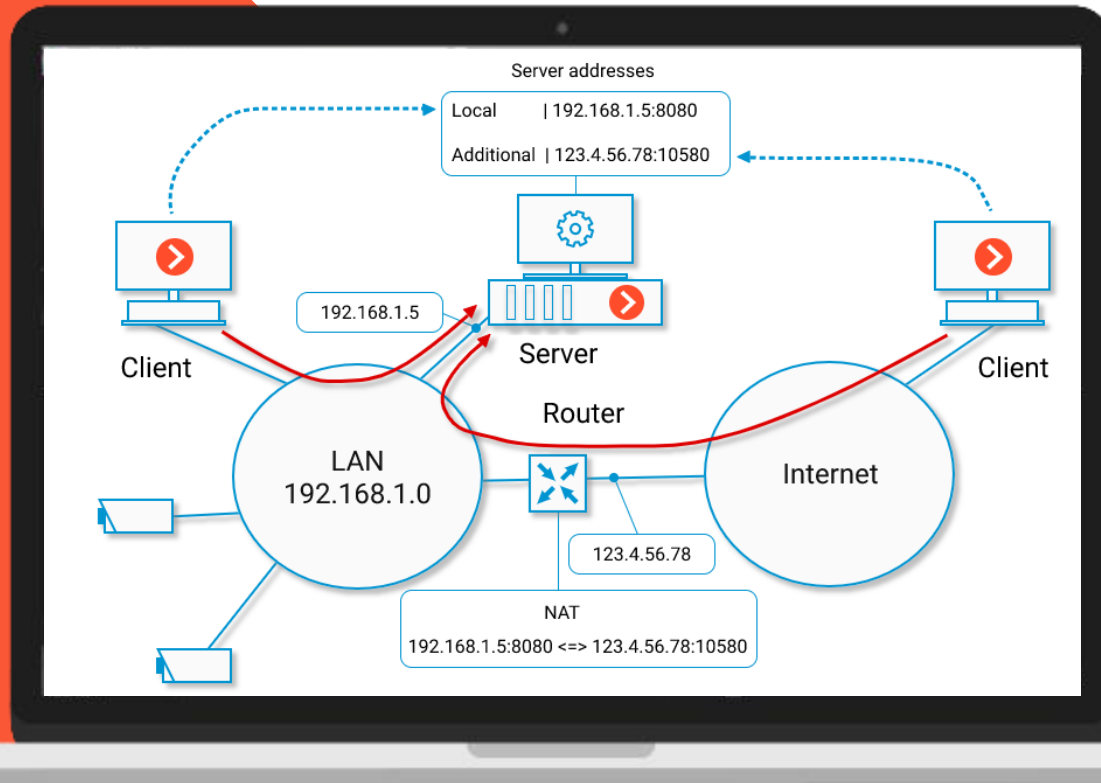
Two IP addresses



For large-scale and distributed systems where access via Internet is imperative



A public address will allow to connect to servers over the Internet, and a local address will permit to reduce traffic

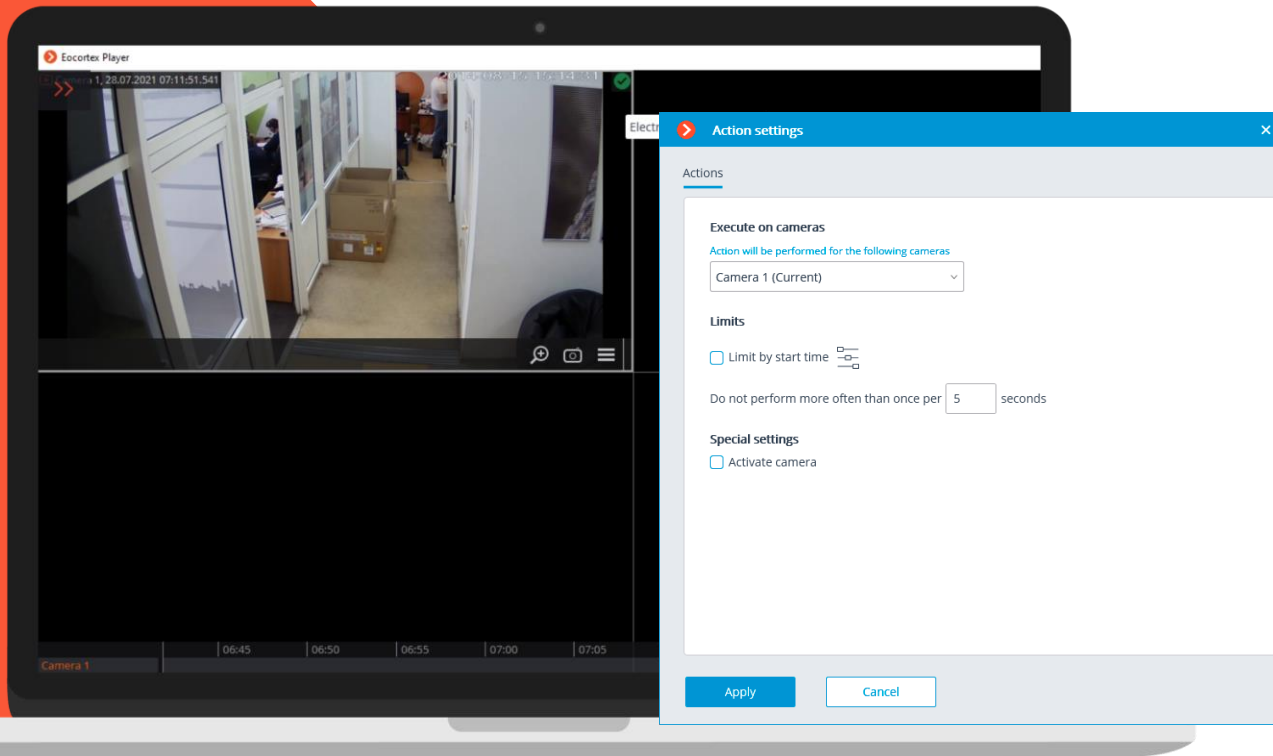




Improved usability



archive on alarm monitor



The image on the alarm monitor opens with a rewind for several seconds



Lets you find out the cause of alarm



Helps you to see not only the moment of the event to which the system reacted, but also the events preceding it



Limitation of client connections

Internet traffic optimization

Reduction of system load

Possibility to limit the maximum number of clients

Control the number of users in the eocortex system who has connected with the same username and password

What else is new?

ONVIF allows to send and receive H.265 video streams

Possibility to create various face and license plate databases for different cameras

Sabotage Detection module has been upgraded: settings for each individual detector have been added

Reencoding video streams for mobile applications among several servers

A new REST API action has been added: "Send a push notification to mobile devices"

9 new grids, two of which with vertical camera orientation, have been added

WHEN WILL THE
UPDATE BE
AVAILABLE?

EOCORTEX 3.4 is already available on our web site

DOWNLOAD EOCORTEX 3.4 FROM OUR OFFICIAL WEB SITE

The mobile app is available for
download

