

eocortex 

3.3

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What's new?

Recognition of emotions

Integration of analytics built into cameras

Dedicated video analytics server

Constant backup

License plate recognition in Linux

Integration with Paxton



NOVELTIES YOU'VE
BEEN WAITING FOR!

Decrease the load on your video surveillance system: use video analytics built into cameras



Hikvision

Line crossing



Hikvision

License plate
recognition



Hikvision, Dahua, FLIR

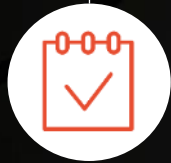
Temperature
exceedance



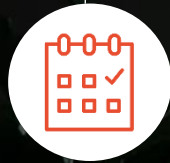
Mobotix

Temperature of recognized
persons

Reduce time required for searching for data in archives - now, events are displayed on the timeline in synchronous archive viewing mode



Displaying movement intervals



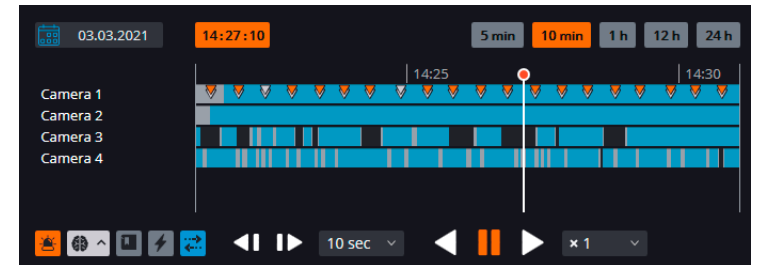
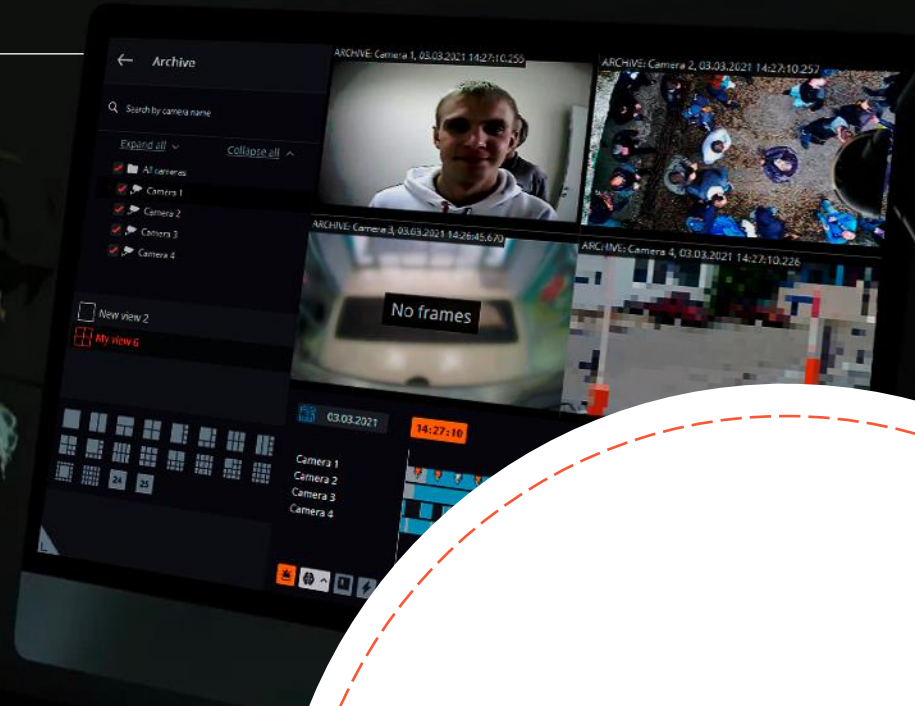
Event filtering



Displaying event marks

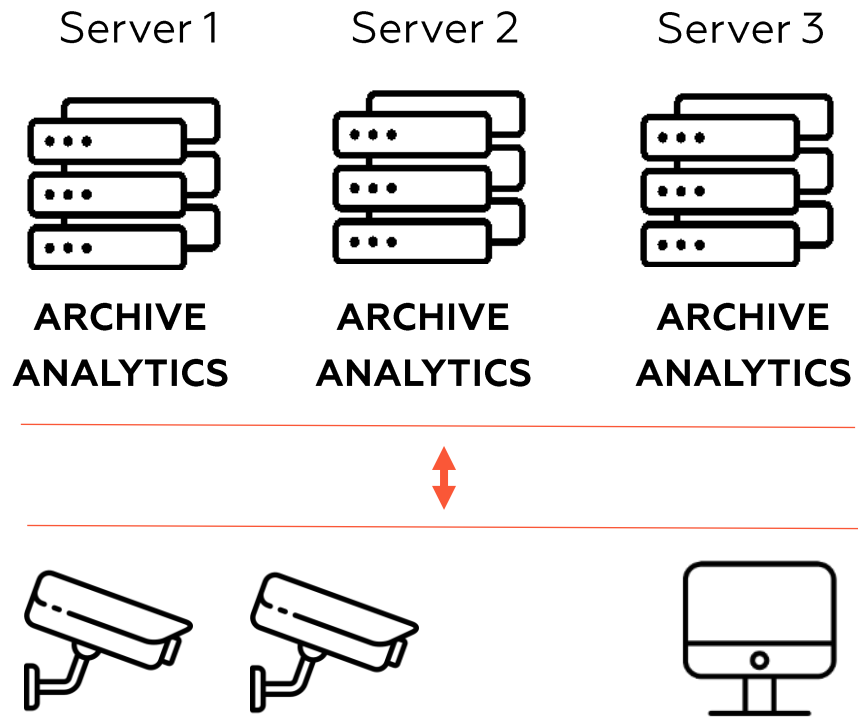


Step-by-step archive viewing

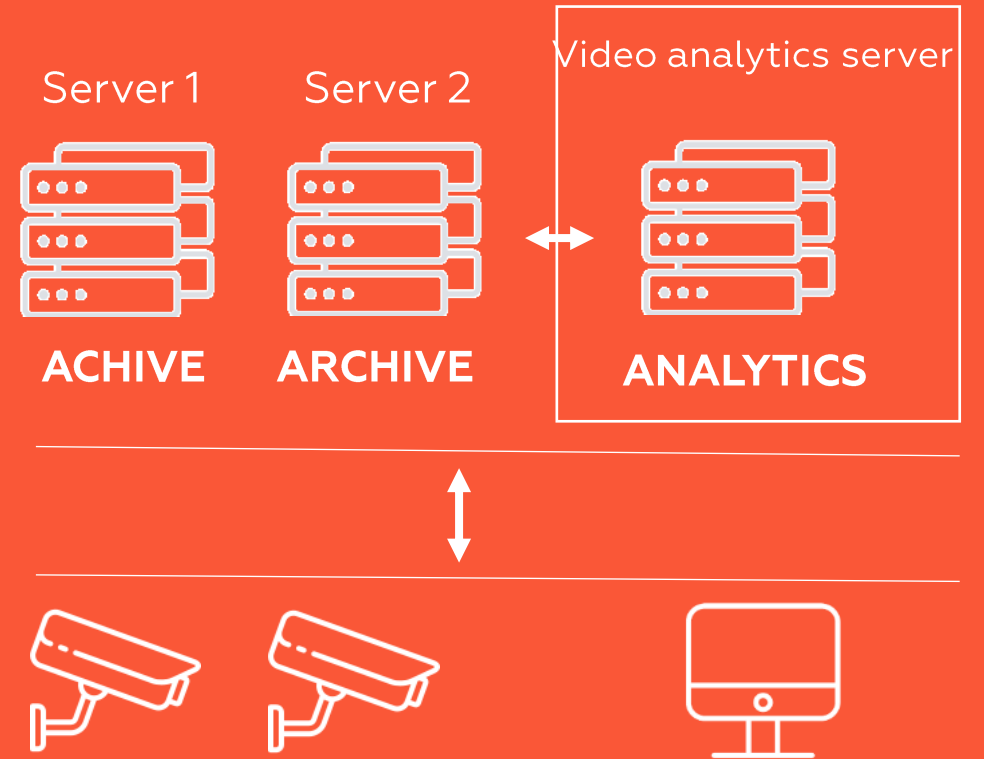


Ensure your system's stability:
transfer your analytics to a dedicated server

BEFORE



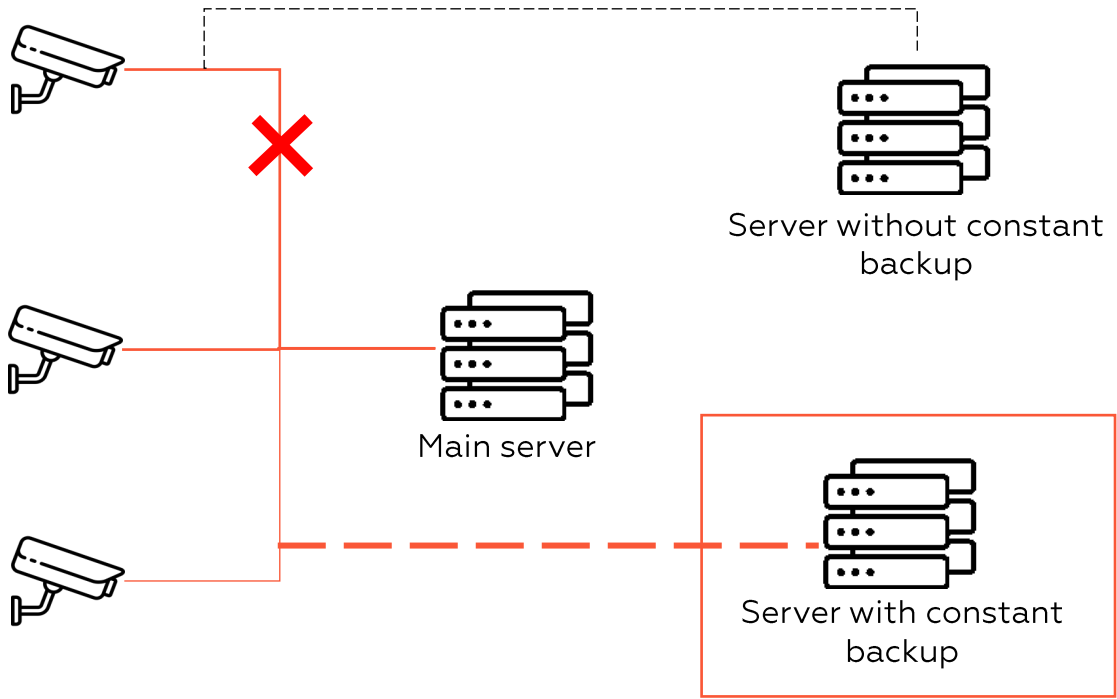
AFTER





SOLUTIONS FOR
LARGE-SCALE
SYSTEMS

Don't lose a single minute of your video archive - use constant backup



Delay when connecting to camera in real time – **1 second**
(vs. 10 sec. at hot redundancy)

Archive is recorded constantly rather than only when main server is out of order

Constant backup is included into the Failover module

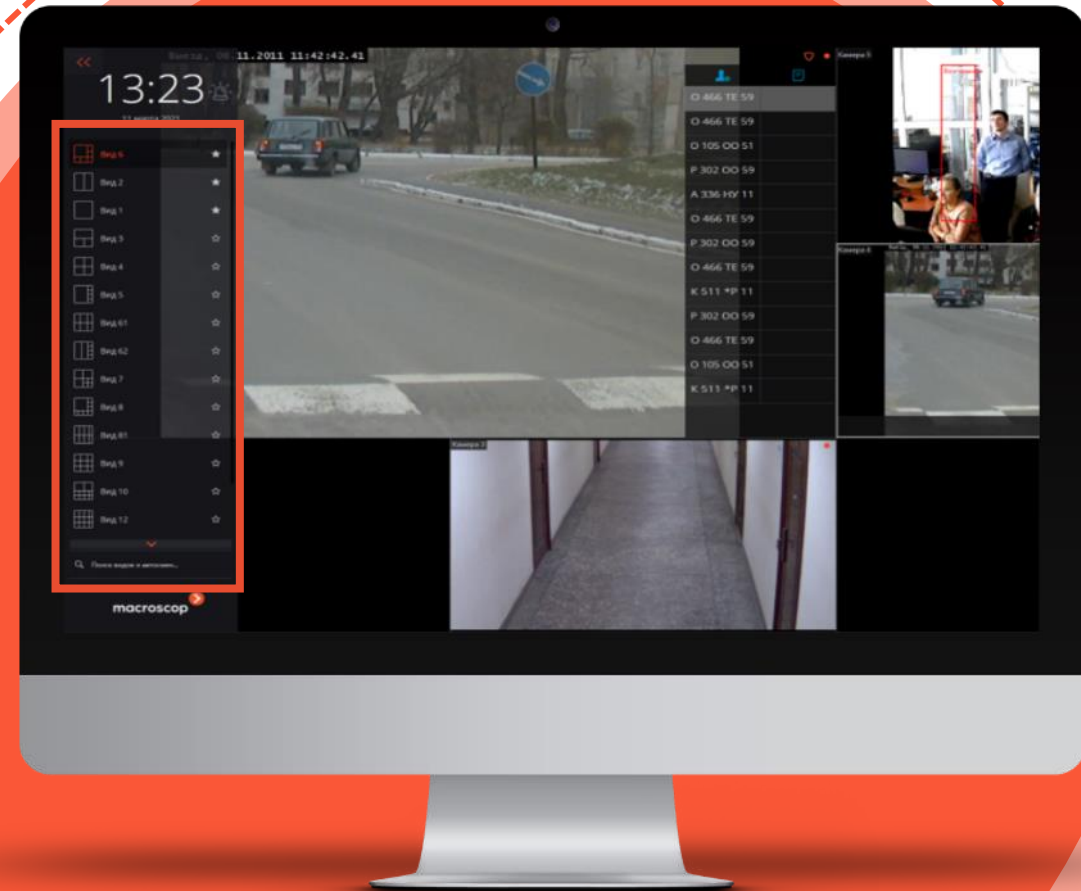
New Views panel

Fast and convenient views management

Newly-created views are added to the fast access panel automatically

Dropdown list of views has been added to the main panel

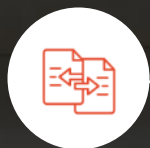
Views Editor has been moved to the upper part of the side panel of the menu and renamed as "Views"



Traffic optimization in case of an unstable internet connection



Compression of monitoring data to be transmitted



Reduction of frequency of synchronization between the main server and other system servers

When this setting is enabled:

the time of synchronization between main server and other servers increases

FROM 5 SEC TO 1 MIN

the refresh interval of the client data by the server increases

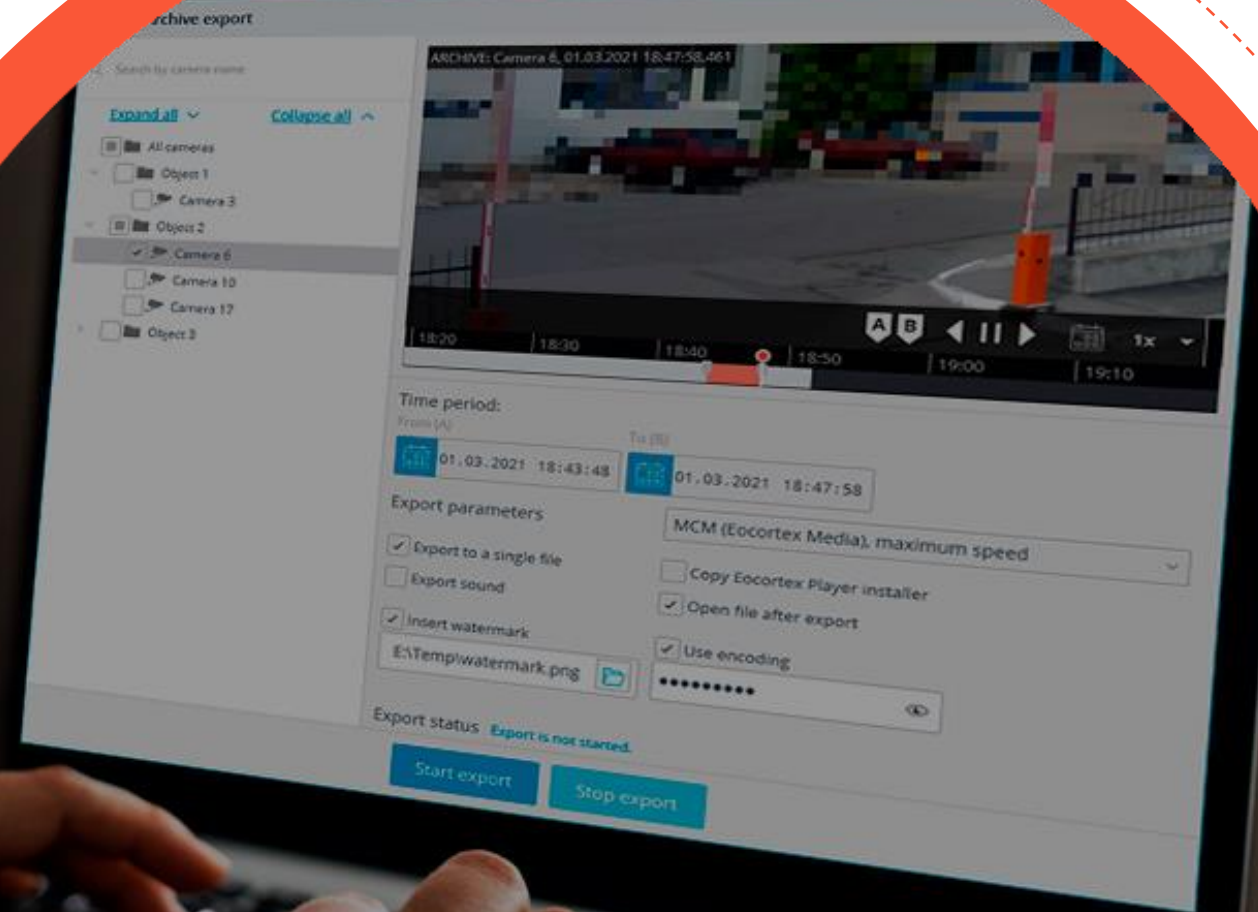
FROM 2 TO 10 SEC

Special features for GDPR compliance

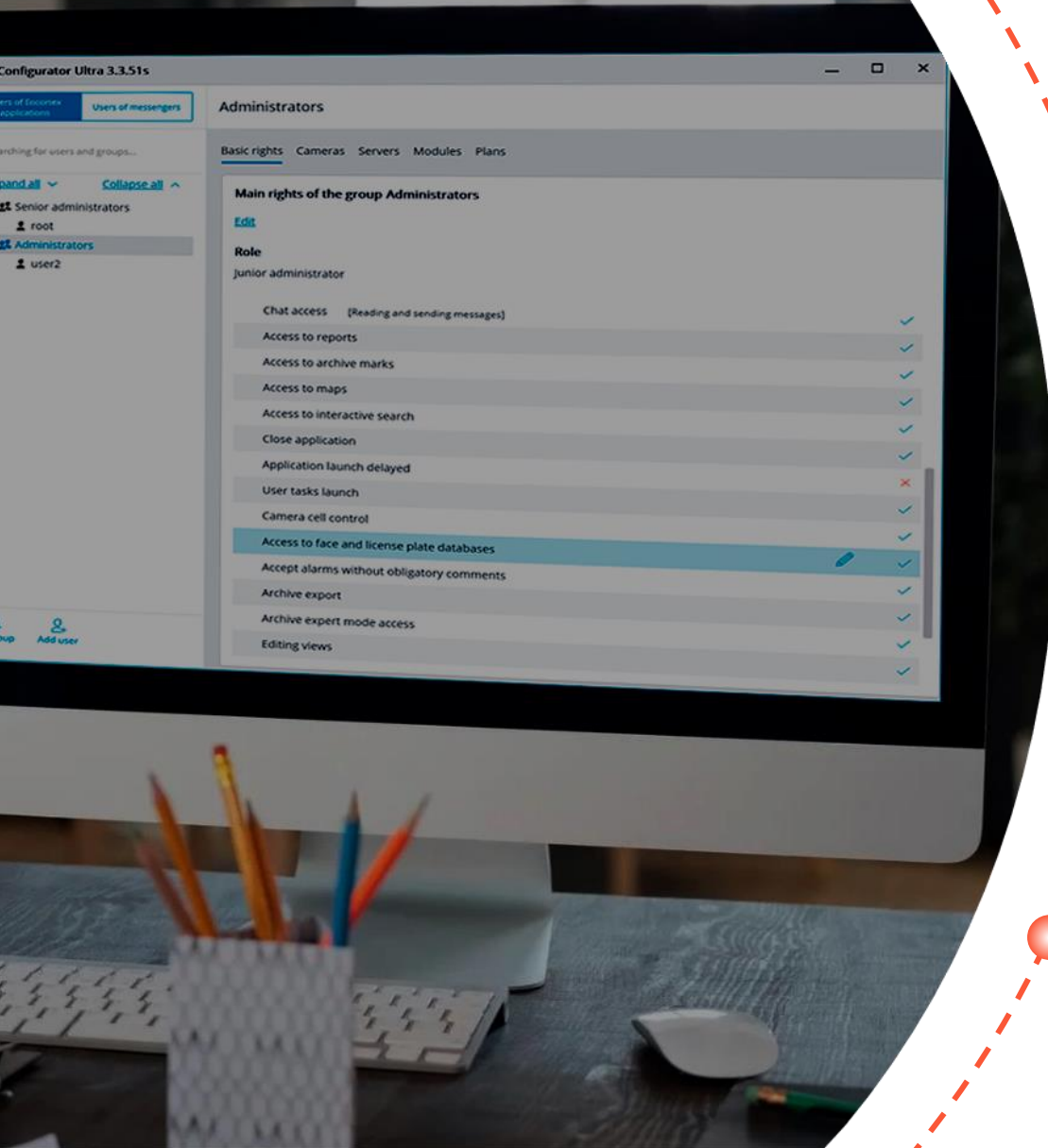
WHEN EXPORTING THE ARCHIVE, IT IS POSSIBLE TO:

add a watermark

encode the archive being exported and require password-based access to it



Special features for GDPR compliance



NEW RIGHTS

for managing camera cells

for accessing face and license plate databases

for using GIS maps

for acknowledging an alarm without an obligatory comment

Special features for GDPR compliance

BLURRING AREAS OF THE FRAME IN THE CLIENT IN ORDER TO:

- hide a restricted area
- hide an image from computer screens and other devices



VIDEO ANALYTICS



Recognition of emotions

Assessment of customer satisfaction



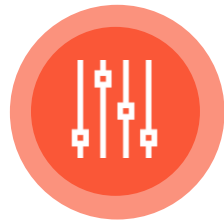
Detection of emotions on the faces of customers



Emotions added to real-time feed and reports



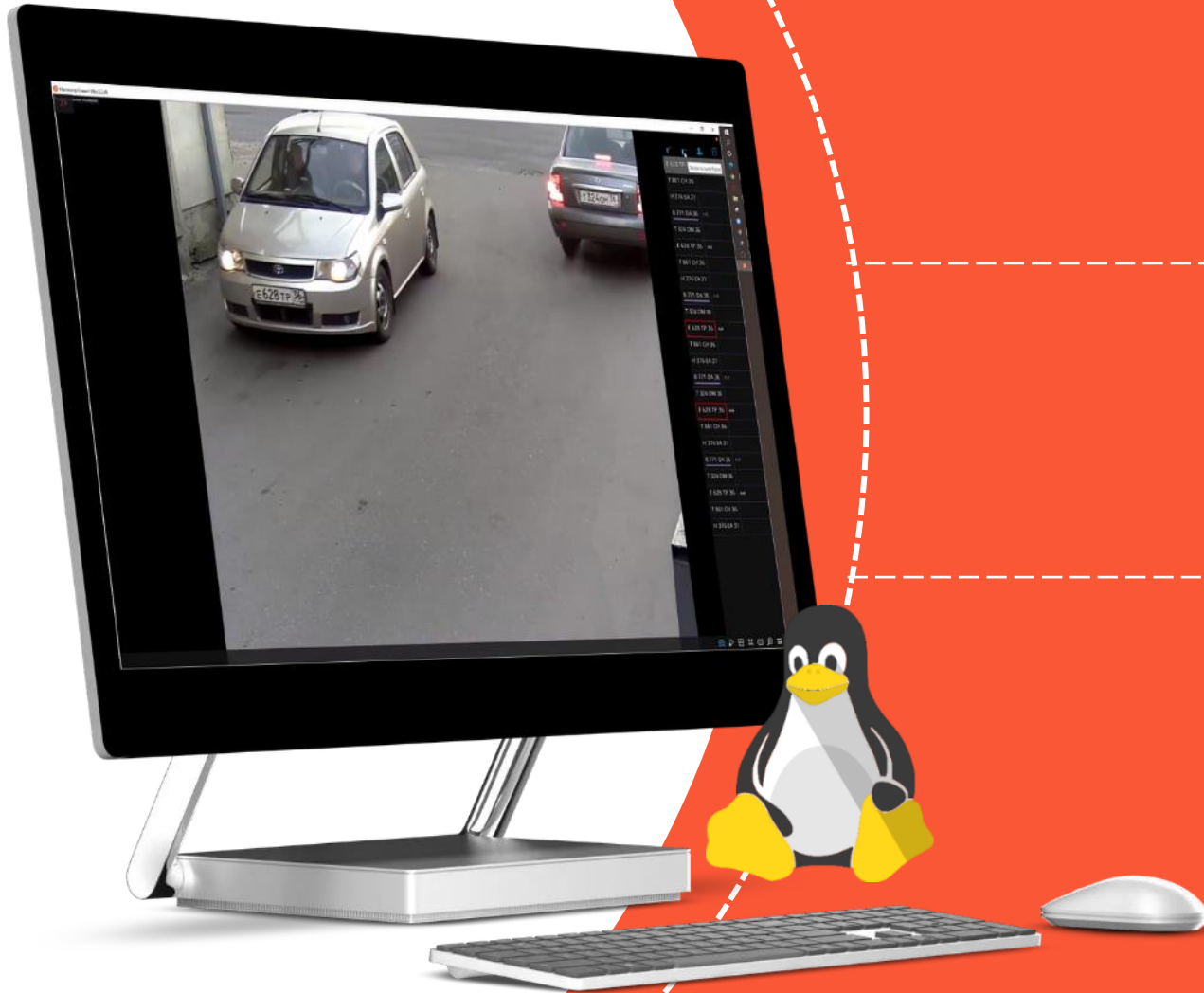
Works in Face Recognition Complete and Unique Visitor Counting modules



Filtering by type of emotion in the report



License plate recognition – now also on Linux



Now, all modules are available on Linux



Options for improving detection and recognition accuracy

INTEGRATION



Integration with PAXTON NET2 access control system



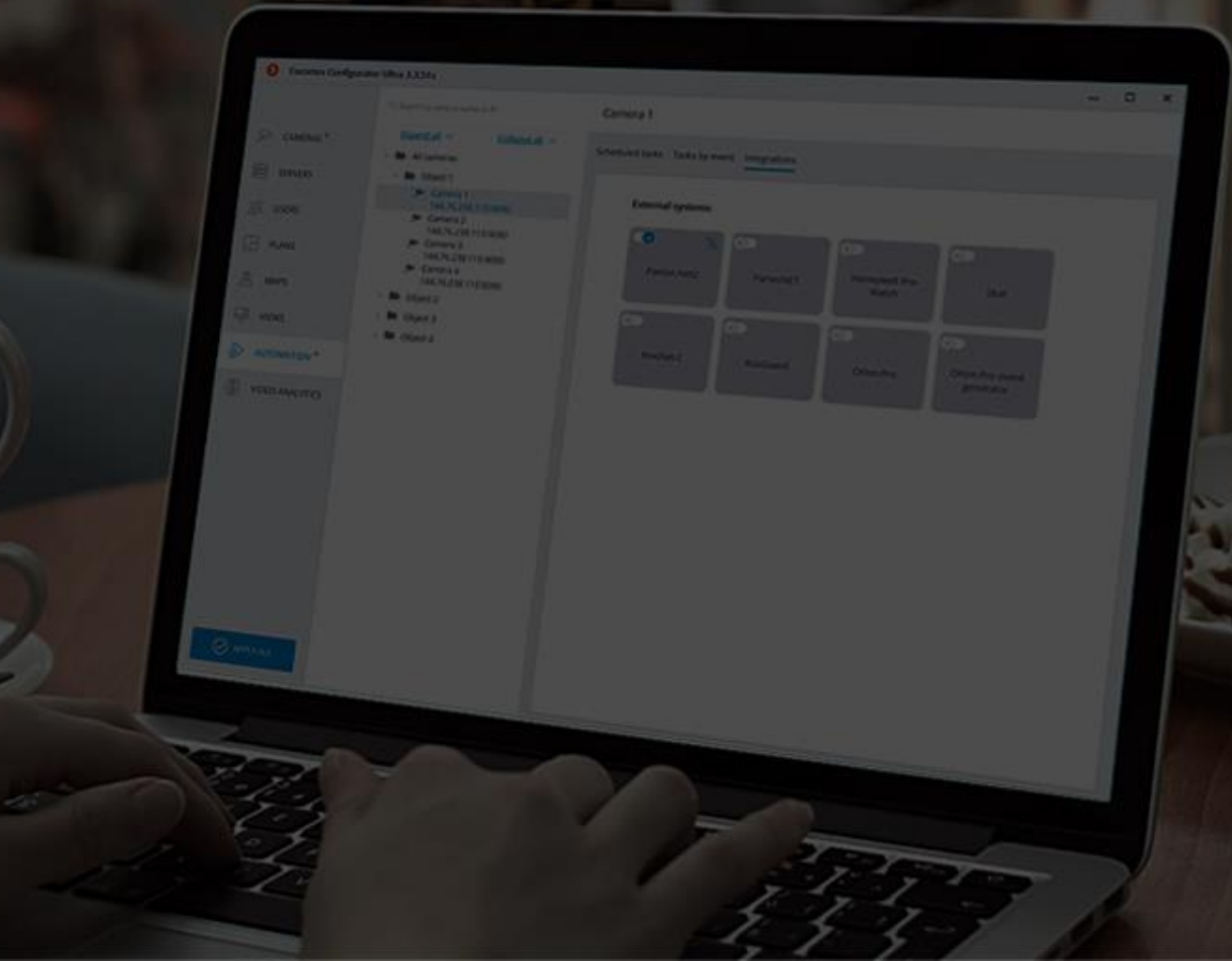
Set up the reception of all events of Paxton Net2 in Eocortex



Set up actions by events in scenarios



Receive door opening/closing events



AND WHAT ELSE?



EVEN MORE UPDATES IN 3.3

**Support of new
NVIDIA RTX 30xx
series video cards**

**People Counting in
Queue module's
accuracy increased
twofold**

Enhanced rights for
views

**Increased convenience
of adding samples to
face database of Face
Recognition Complete
module**

Support of
transferring H265
video in RTSP
server

Time of operation of a
server without a floating
license key increased
from 10 minutes to 4
hours

Download Eocortex 3.3
from www.eocortex.com

