

TRASSIR[®]



Business Analytics 2.0

All-in-one user interface for video data analysis and statistics

Description

Business Analytics 2.0

is an interface for working with all video analytics modules which enables aggregating information received from various detectors and presenting it in a single, easy-to-understand format.

Two basic functions on this platform:



Creating (and exporting) reports based on statistics collected by detectors

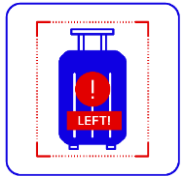


Notifying that a detectable event has occurred

Requirements

The platform itself is already incorporated in the TRASSIR software, and activation requires at least one connected module or neuro detector from a list of compatible ones.

At the moment this platform works with the following modules and neuro detectors (the list is constantly updated; please contact the sales department for up-to-date information):



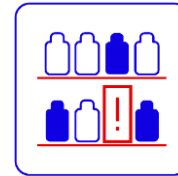
Neuro Left Object
Detector



Queue
Detector



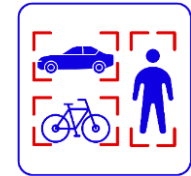
Pose
Detector



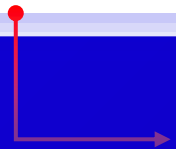
Shelf
Detector



Crowd
Detector



Neuro
Detector

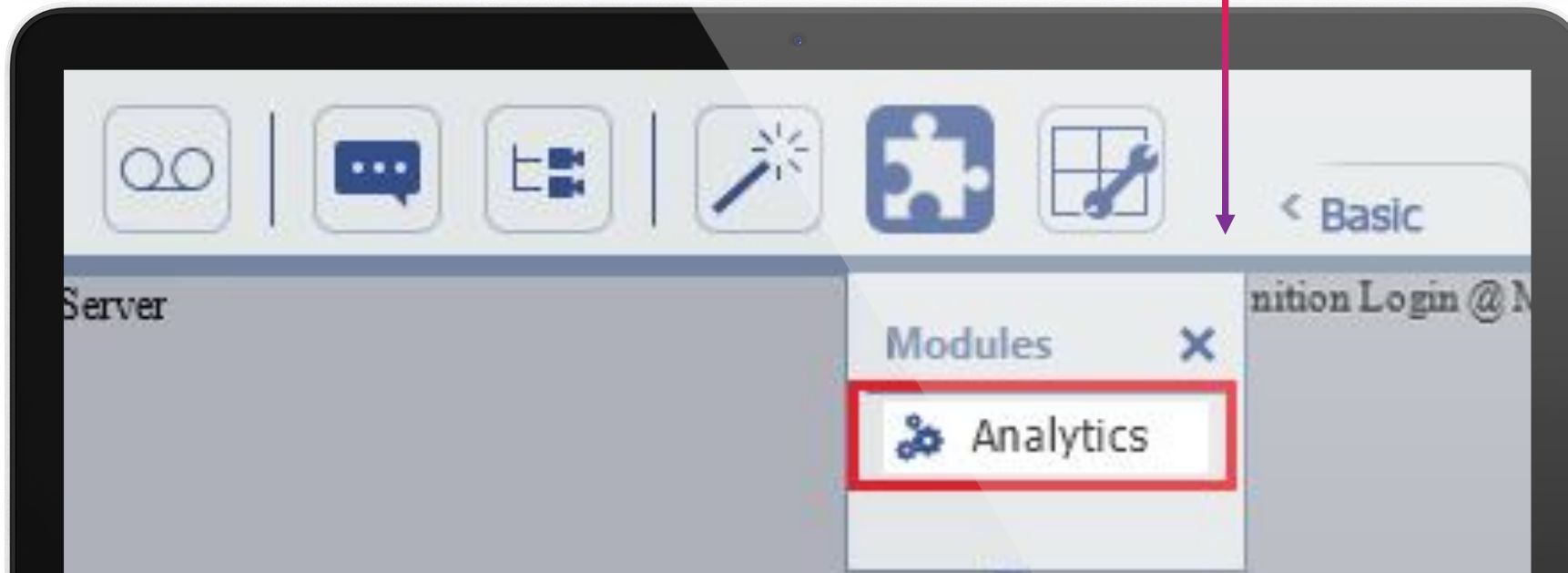


All these modules include an additional plugin (script), which is issued by the sales department manager upon purchasing the module.

Interface launch 1.3

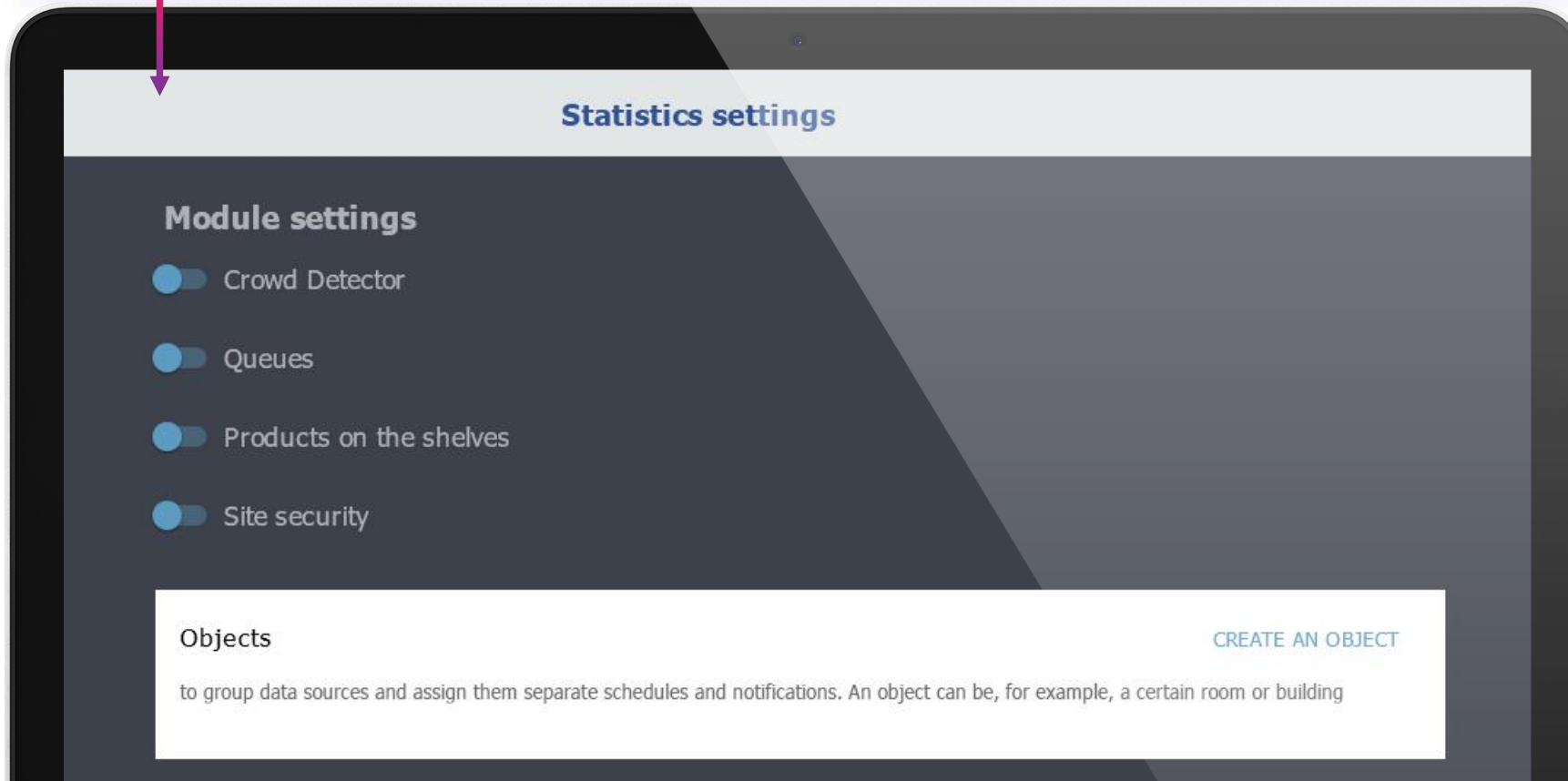
To operate the interface of the Business Analytics module, open the operator interface, click on the Modules tab and select the Analytics module.

If you are viewing analytics from client software, there must be a direct connection to the server (modules are not accessible by recursion).



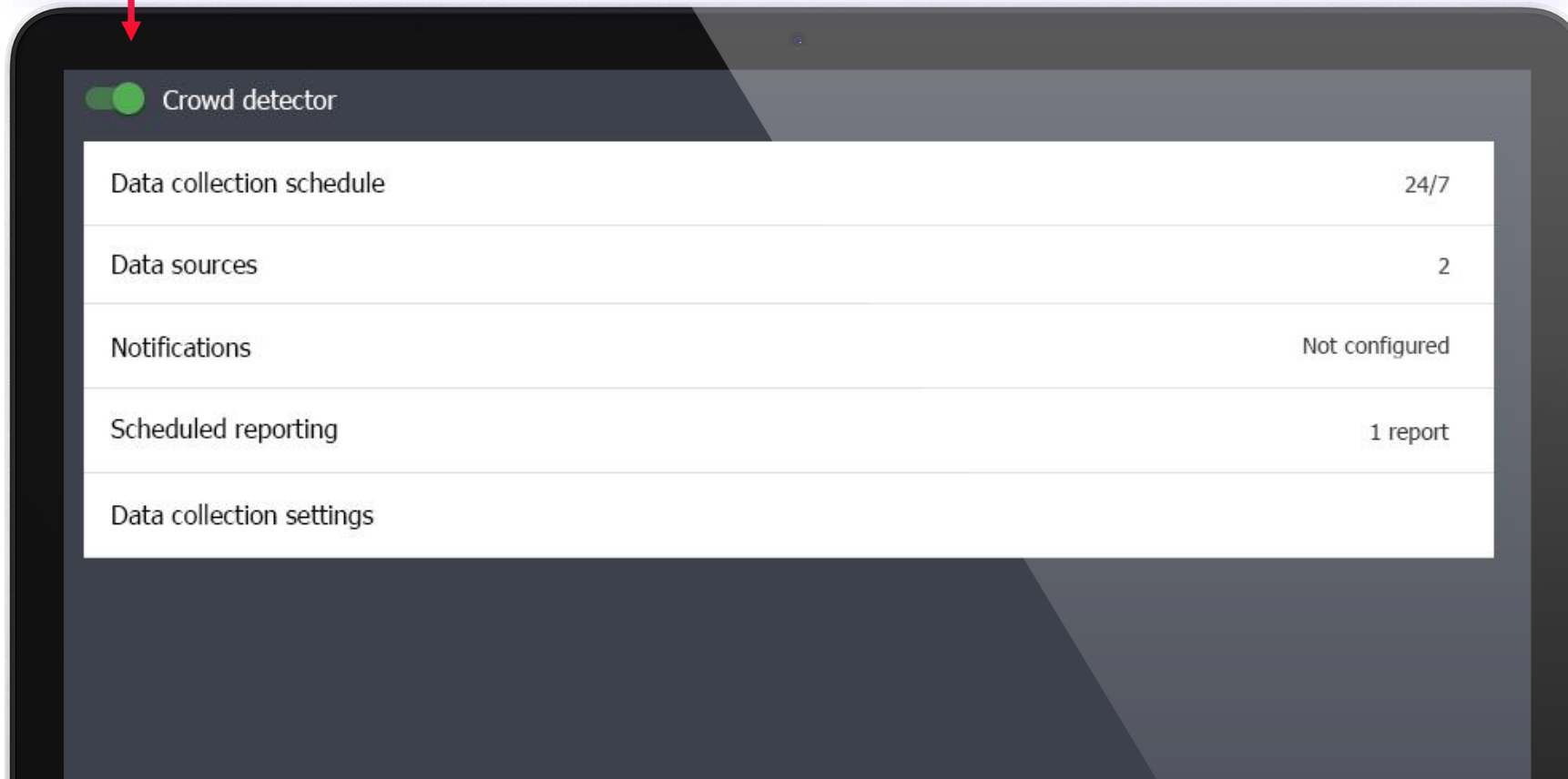
Interface launch 2.3

Next, the module interface opens for configuration:



Interface launch 3.3

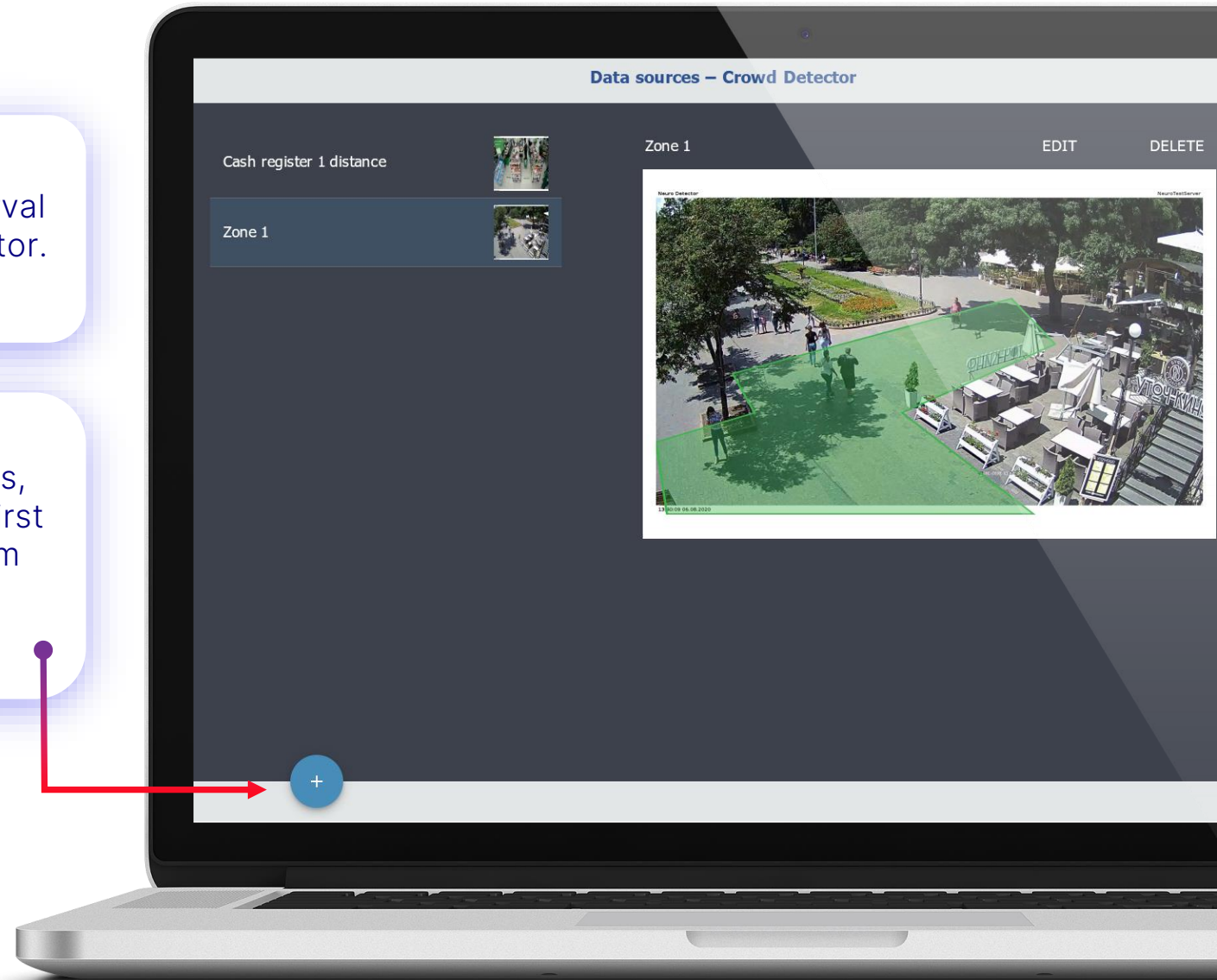
By activating a certain module, we see the settings;
you can activate all modules and assign them various settings:



Settings 1.2

→ **Data collection** schedule enables setting the interval within which data will be collected from the detector.

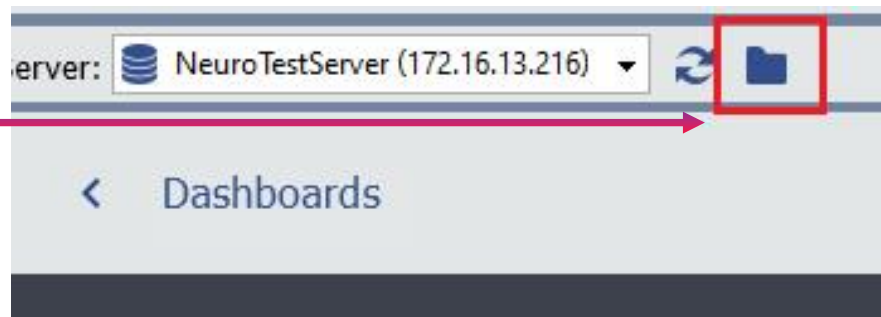
→ **Data sources:** channels with neural detector zones, from which data will be collected, looks like this (first you need to create it by clicking on + at the bottom of the page):



Settings 2.2

- ➔ **Notifications:** setting up rules; when executed, a notification will be generated by email or Telegram (for example, for a crowd detector 'there are on average more than 5 people in the zone for 30 seconds').
- ➔ **Configuring reports:** parameters for sending and generating reports.
- ➔ **Setting up data collection:** specifying the minimum number of people to collect data, available only for the crowd detector. The settings for each detector are similar.
- ➔ **Objects:** the ability to group data sources based on certain criteria (detector type, specific building etc). Business Analytics also works with a browser on a PC.

To group,
click on the button:



Notifications

In the settings of any of the modules, you can select **the type of notifications**. There are several types:

-  Telegram
-  Email
-  Event log
-  Cloud notifications (push notifications displayed on the phone)
-  SMS

Notification type

Select notification*

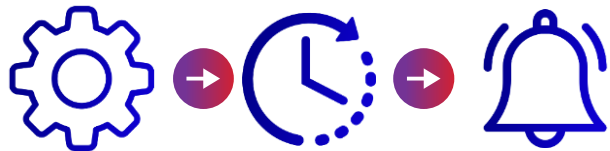
Telegram

Email

Event log

Cloud incidents

SMS

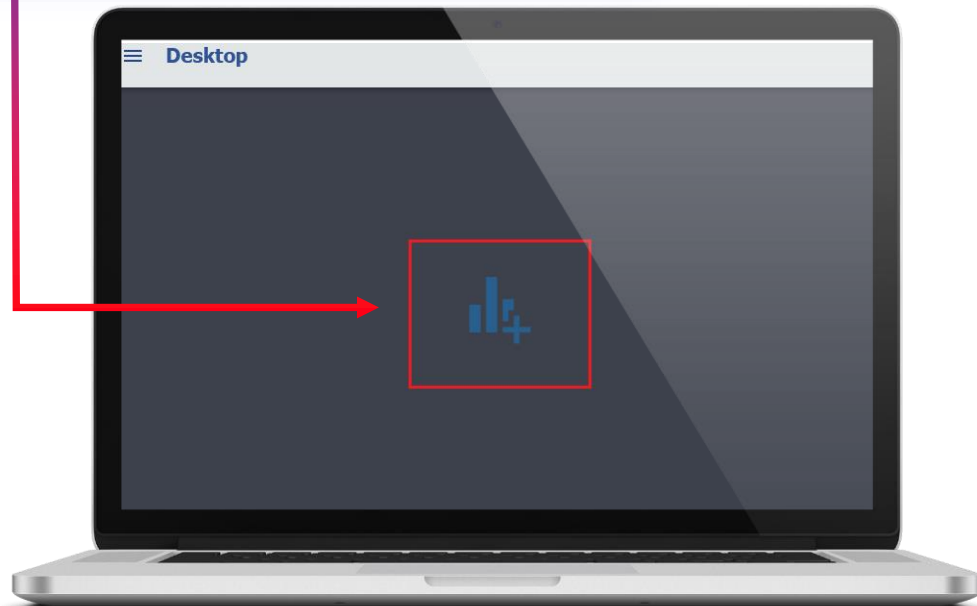


In the notification settings you can select the sending time interval. At the end of the interval the last generated event will be sent. Events before it will be ignored, and there will be no notifications.

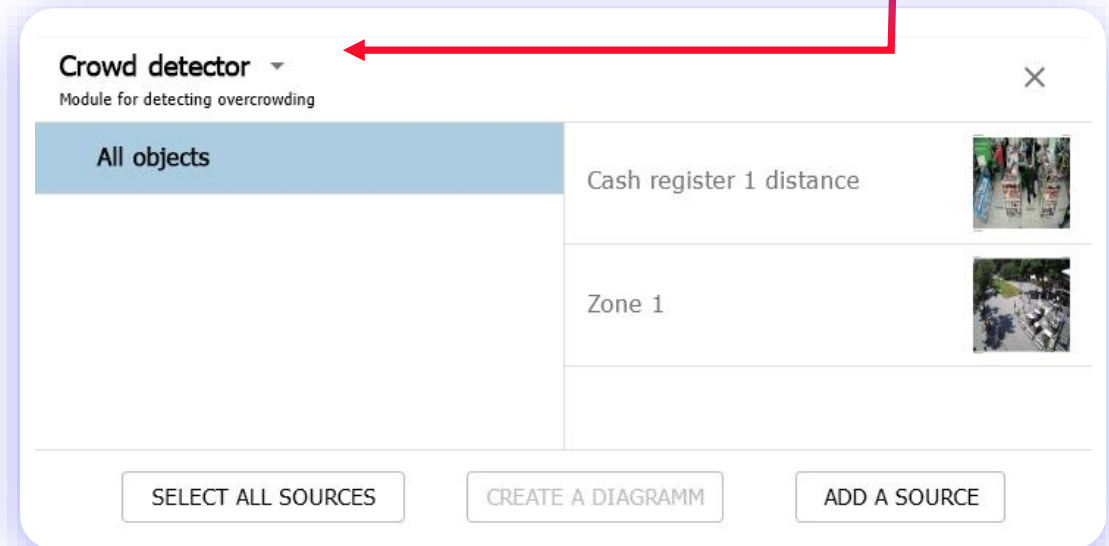
Desktop 1.3

After setting up the detectors, proceed to create the desktop by clicking on the Dashboards button. The desktop will be empty at the first launch.

To visually display statistics, click on the Add button:



A menu appears on the right where you can select the type of detector, sources for this detector, add new sources and select them:



Desktop 2.3

To create a diagram, select the source(s) for the detector, and after clicking on the Create Diagram button a window with the settings of this diagram will appear:

Crowd detector ×
Module for detecting overcrowding

All objects

Cash register 1 distance

Zone 1

SELECT ALL SOURCES **CREATE A DIAGRAMM** ADD A SOURCE



Diagram parameters ×

Period for the diagram

day week month

Split into intervals

every 30 minutes by time by day by week to configure...

How to deal with data from different sources

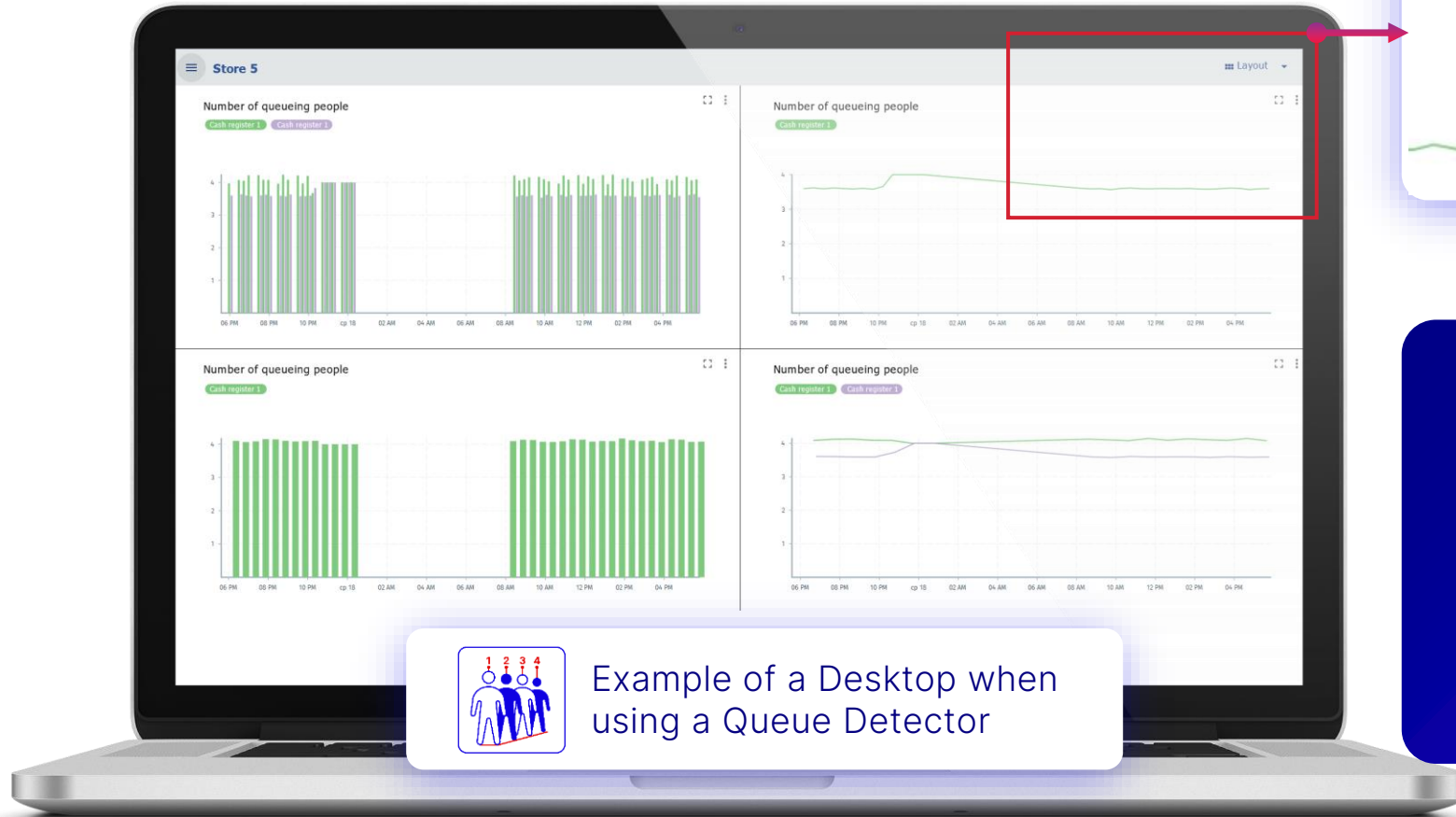
sum average calculate the maximum


Diagram format

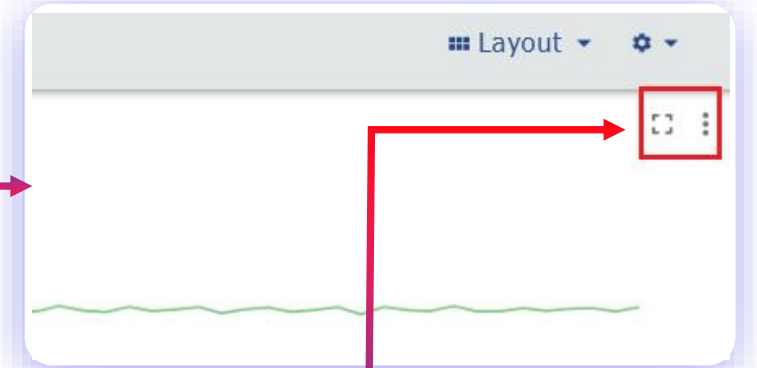
histogram diagram

SAVE CANCEL

Desktop 3.3



 Example of a Desktop when using a Queue Detector



At the top right of the diagram there are three dots and a screen zoom button. By clicking on them, you can export collected data, edit the diagram display or delete the diagram itself as well as examine the diagram in more detail by expanding it to the full screen:



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