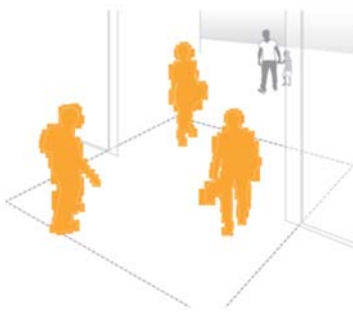


NETAVIS Observer 4.7 Highlights

New functionalities in the latest software version

DYNAMIC PRIVACY MASK

Protecting peoples' privacy dynamically



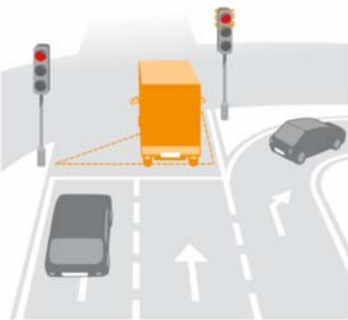
Dynamic Privacy Mask expands upon the original NETAVIS Privacy Mask to provide dynamic privacy protection for customers and employees. Within a freely definable area all moving objects and people are detected and dynamically covered with a mask. Of course, this Dynamic Privacy Mask can also be scheduled to be active only

during certain times of the day or be deactivated manually, e.g. via a panic button in case of an incident.

RED LIGHT VIOLATION

New iCAT Video Analytics Feature for traffic violations

NETAVIS Observer 4.7 adds a new iCAT Video Analytics feature for traffic and transportation applications: Red Light Violation. It can detect when cars drive across a crossing, despite the traffic light having switched to red already. This feature allows municipalities and companies with large premises to reliably detect and fine traffic violators.



AUTOMATIC CAMERA DISCOVERY & MASS CAMERA IMPORT/EXPORT

Importing and exporting large numbers of cameras with a few clicks



Camera export/import wizard

Camera na...	Comment	Timezone	Camera type	Name of c...	Pvid of ca...	Camera IP ...	Camera se...	JPEG RTSP...	JPEG RTSP...	H.264/MP...	H...
Ort		CET	Unknown			10.10.10.23	0	0			
ms.33		CET	Unknown			10.10.10.13	0	0			
Brother MFC		CET	Unknown			10.10.10.22	0	0			
canon		CET	Canon VB-C...			10.10.10.9	0	0			

The newly added Automatic Camera Discovery & Mass Camera Import/Export enables system integrators to quickly add any number of cameras to a NETAVIS Observer system. The desired basic camera configurations can be prepared directly in the camera discovery wizard or in Excel, and then be imported. Similarly, it is possible to quickly export the camera configuration from an already running NETAVIS Observer system.

RULE ADMIN SUPPORT FOR CUSTOM EVENTS

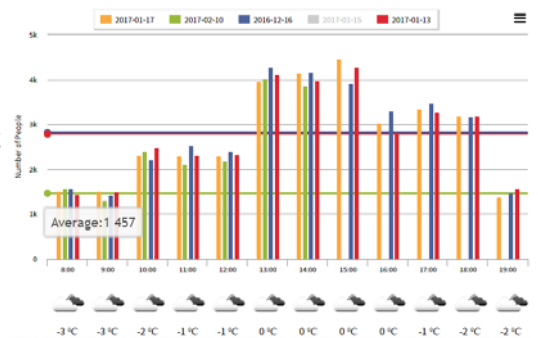
Using the new custom event action to set up application-specific events

Custom event types known from SNAP APIs and I/O XML configurations can now also be set up and used within the rule administration. These fully customizable event types can be used as actions triggered by the various trigger types. Besides custom event parameters, parameters from the triggering event can be inherited. This allows setting up context camera events, for example: a context camera linked to an I/O device or a camera for NPR scenarios which shows the driver instead of the plate plus NPR details like the recognized plate.

DATA EXPORT & UPLOAD

Automatic and manual data export to NETAVIS sMart Data Warehouse and other systems

NETAVIS Observer 4.7 provides many new features for managing the data created by iCAT Video Analytics. Aside of a direct interface to sMart Data Warehouse, it also includes a new user interface for configuring the automatic export and upload of event statistics, events including their parameters, and heat maps to NETAVIS sMart Data Warehouse and other 3rd party systems. Additionally, this data can also be manually exported into standard formats (CSV, HTML, JSON, XLS) for further processing.



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SYSTEM SECURITY & OPERATIONS

Improved OS, application security and performance

NETAVIS Observer 4.7 is based on the updated bundled CentOS 6.9 operating system which provides improved hardware compatibility. Additionally, it contains many security improvements on the operating system and application level. A more efficient use of hardware resources is enabled by an improved memory management on the server and client. For operators, many system events concerning errors or potential issues, e.g. a camera not providing enough fps for reliable video analytics, were added. Finally, NETAVIS Observer 4.7 allows restoring of system backups from previous versions into current systems for improved system operations.