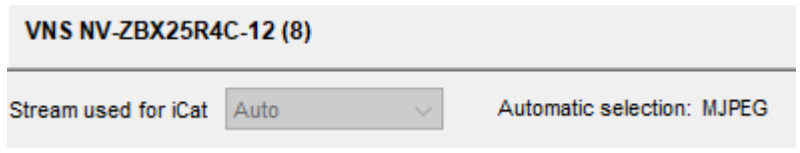
Observer 5.1 Highlights

New functionalities in the latest Software Version

Advanced Multi-Streaming

Facilitating camera management and meeting complex streaming requirements

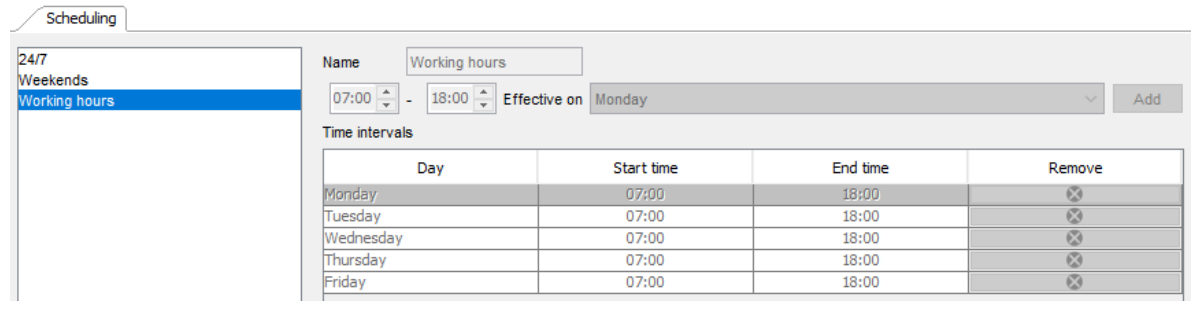
In terms of video streaming, the very core of any video management software, Netavis Observer 5.1 includes significant updates to its multi-streaming capabilities. Cameras can now be configured with as many streams as they support and the previous limit of a single H.264 / H.265 / MxPEG / MPEG-4 stream and a second MJPEG stream no longer applies. Additionally, it is now possible to select whether the video stream used for iCat video analytics should be automatically chosen by the system or be a user-specified one. Enhanced multi-streaming functionalities are currently available for all cameras using the ONVIF – Profile S / Axis Generic / Hikvision Generic/ Vantage Generic camera drivers.



New Scheduling Editor for Cameras & Rules

Controlling recordings, video analytics, and automatic actions with ease

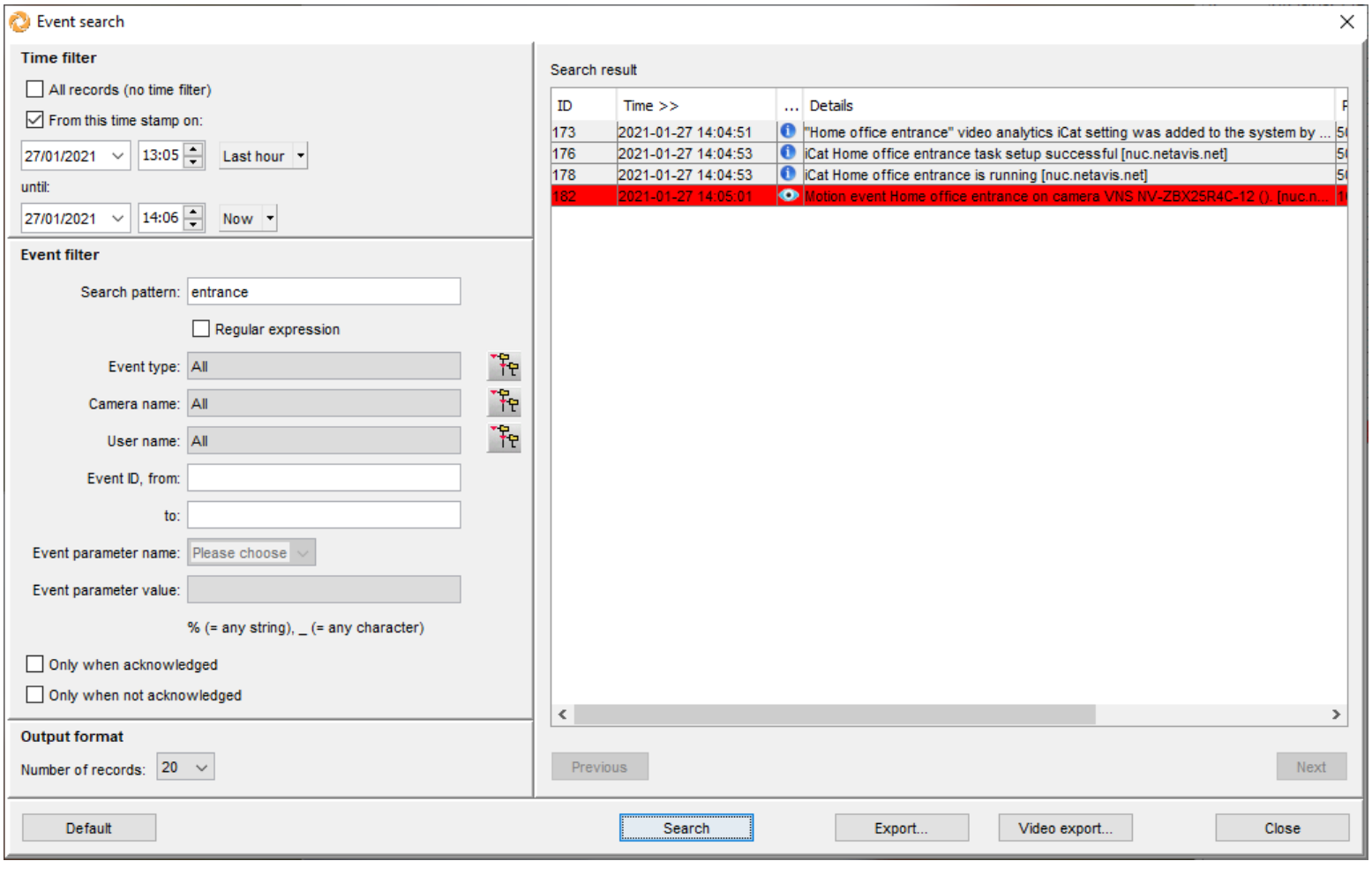
To facilitate the configuration of scheduled permanent recordings and video analytics, Netavis Observer 5.1 introduces a new editor. It supports multiple flexible schedules, allows for the centralized management of camera schedules in large-scale systems, and is tightly integrated with the camera wizard to enable batch configuration of newly added or existing cameras. These schedules can also be used in the rule administration for automatic actions. Thus, as an example during access control on weekdays and weekends different requirements may apply to vehicles.



Usability in the Client

Improving administrator and operator efficiency

Usability improvements have been a particular emphasis of Netavis Observer 5.1. A full-text search for all iCat video analytics metadata and all other events enables operators to quickly retrieve past events and related video recordings. To support administrators in large-scale systems, it is also possible to search for specific users or connected Netavis Observer hosts from within their configuration screens. For iCat NPR, comments about the vehicle or driver can be added to number plates to improve access control processes, especially at high security facilities. Additionally, iCat NPR configuration supports setting a minimum character size for improved accuracy in complex scenarios. In accordance with customer feedback, two notable default configuration parameters have also been changed: The recording period for new cameras has been reduced from 30 days to 3 days and the time between events for iCat motion detections has been increased from 3 to 15 seconds. Finally, to facilitate system extensions and updates, system administrators can now directly request them from within the Netavis Observer client.



Operating System Update to CentOS 8.3

Added hardware compliance and new repair mechanism

Netavis Observer 5.1 is based on the bundled CentOS 8.3 operating system, which offers improved compatibility with modern hardware components. The installation and update mechanisms have been revised to allow faster execution in the future, and the previously removed repair mechanism has also been reintegrated.

System Security & Operations

New functionalities for improved data protection and Active Directory integration

Netavis Observer 5.1 includes a number of improvements in the area of system security as well as operation. As of now, passwords of default users require redefinition at the first login and there is an option to set an age policy for passwords. For compliance with the GDPR and other documentation purposes, all users can be prompted to provide a reason for system login. Furthermore, the Active Directory / LDAP integration has been reworked to provide more flexibility and support for LDAPS.