ENHANCE YOUR VMS…

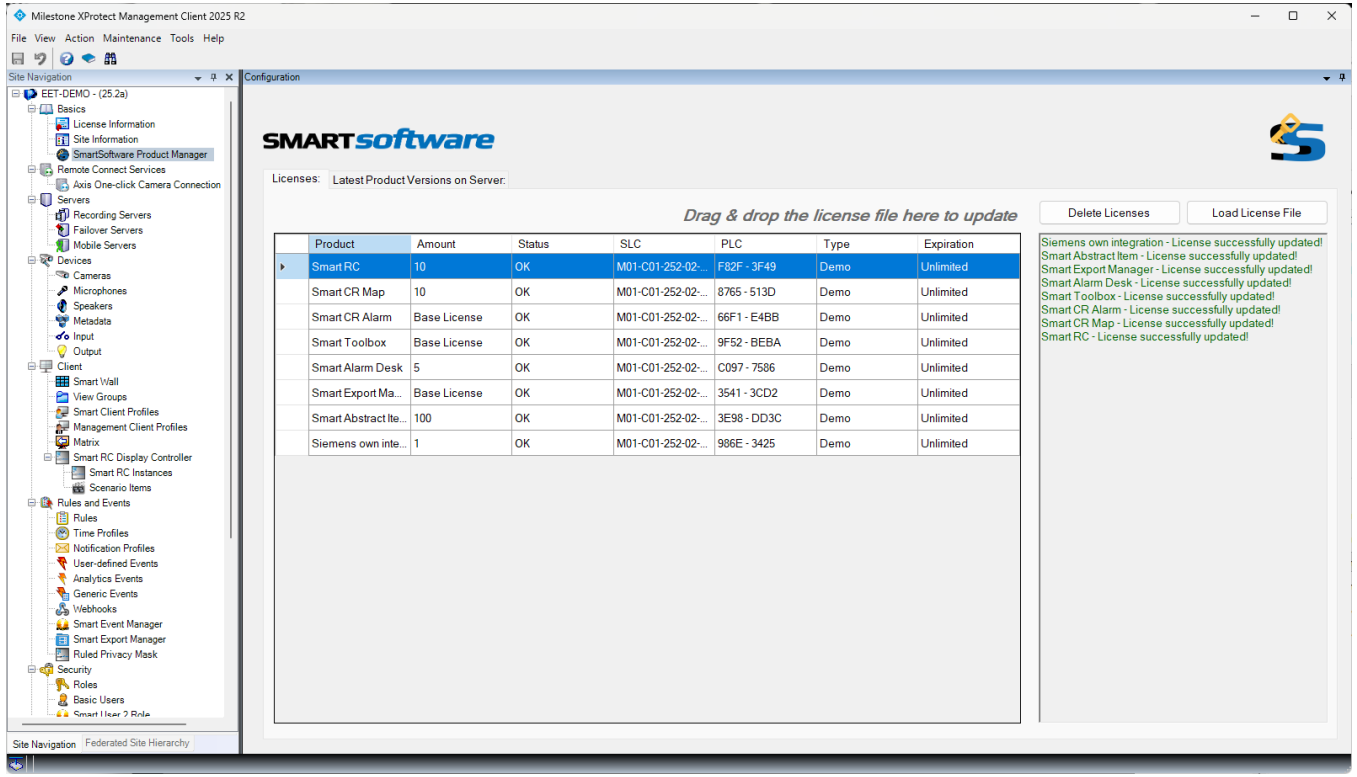
https://smart.eetsecurity.ch

CONTENT:

Smart Toolbox - Sometimes you just need a little bit more…	7
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Smart Abstract Item - Sometimes you need more…	57
Smart Export Manager - Automated Exports activated by rules…	64
Smart Alarm Desk - Sometimes less is more…	68
Smart Control Room - Make your Smart Client smarter…	74

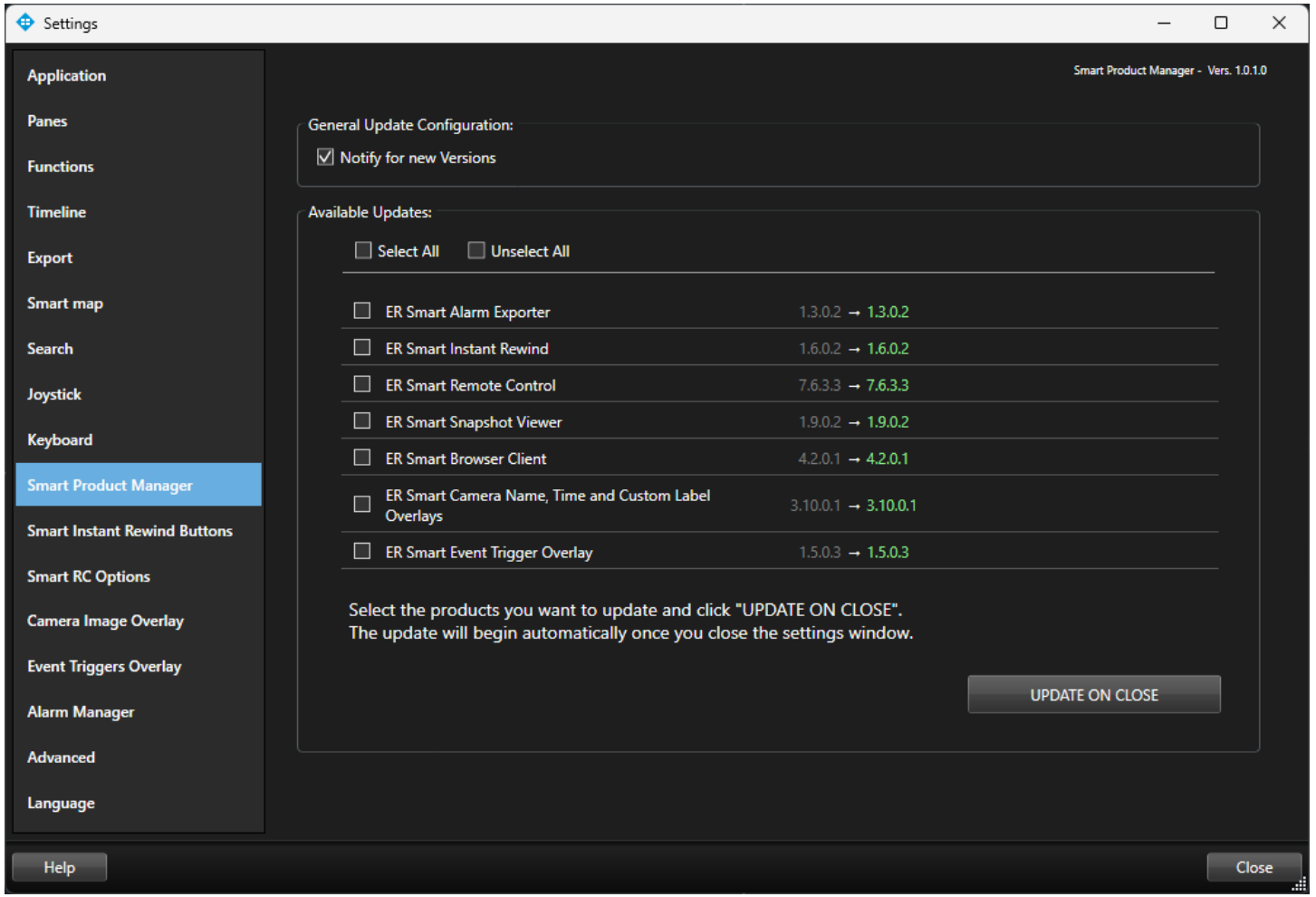
NEW LICENSE AND PRODUCT *MANAGER*

- Simplified License Management in Management Client
- Automatically installed / updated through SmartSoftware installers



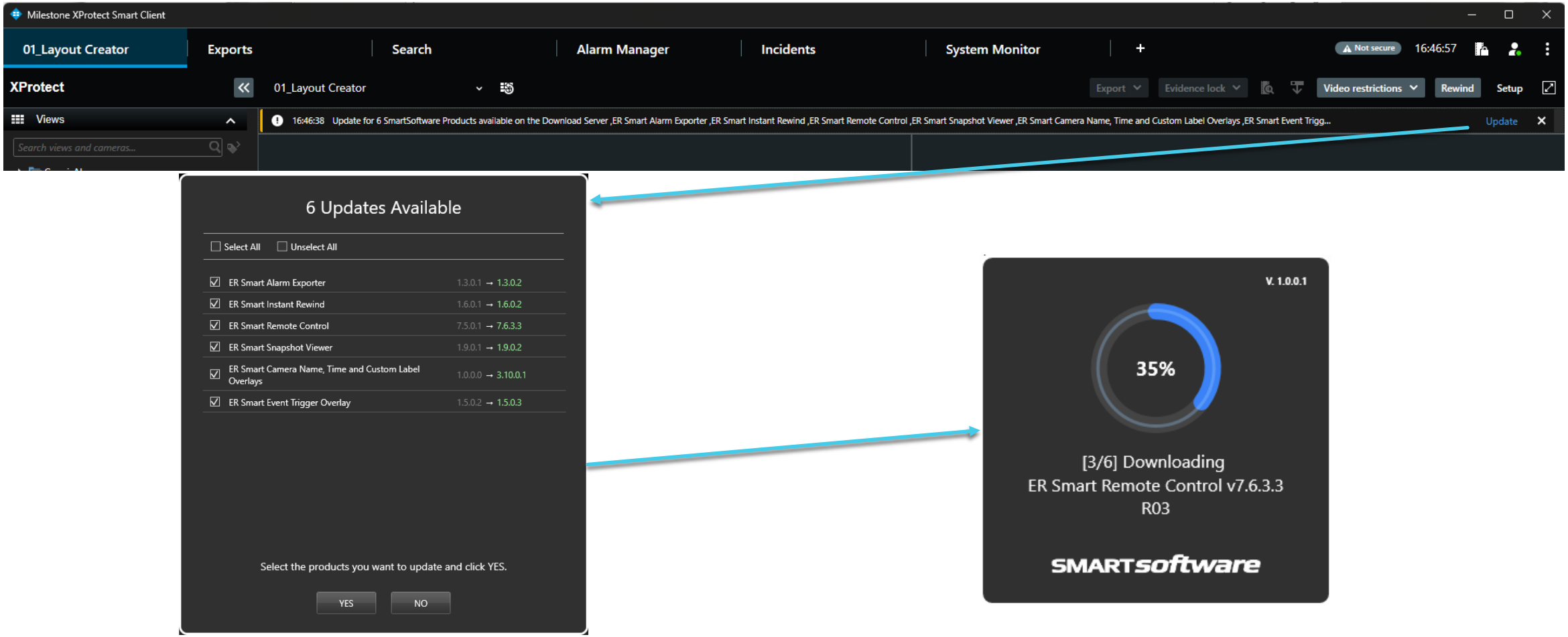
NEW LICENSE AND *PRODUCT MANAGER*

- Product Manager Settings with update feature



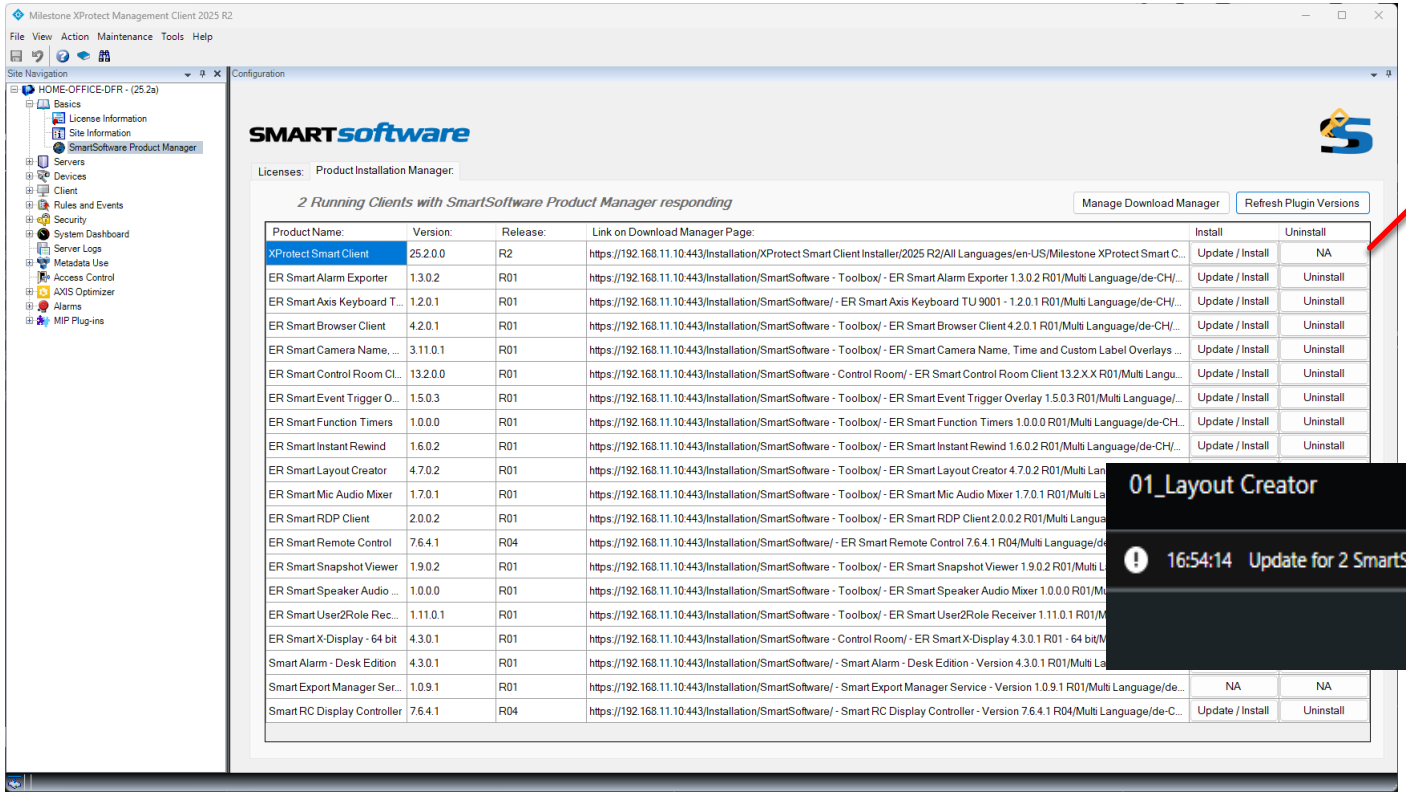
NEW LICENSE AND *PRODUCT MANAGER*

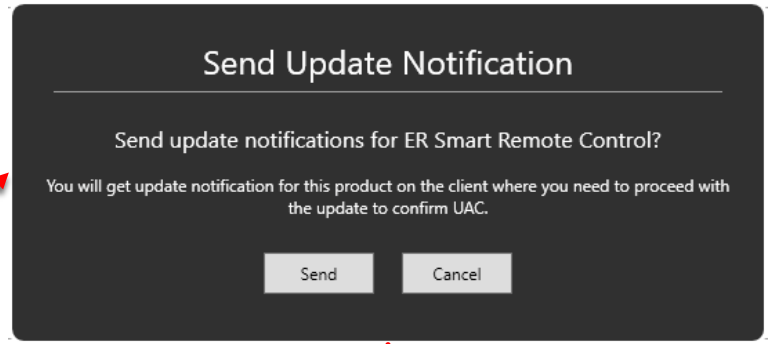
- Notification Message on the Video Client (can be disabled in the settings) with direct update function

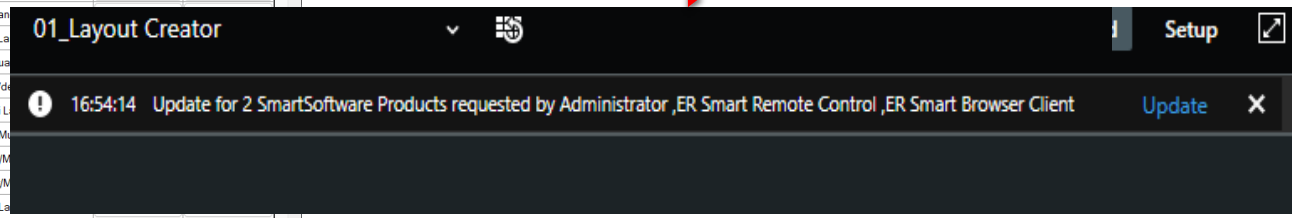


NEW LICENSE AND *PRODUCT MANAGER*

- Lists the newest SmartSoftware Components available on the Download Manager
- Send "Force Update Notification" - "Install" – "Uninstall" on running Clients from the Management Client

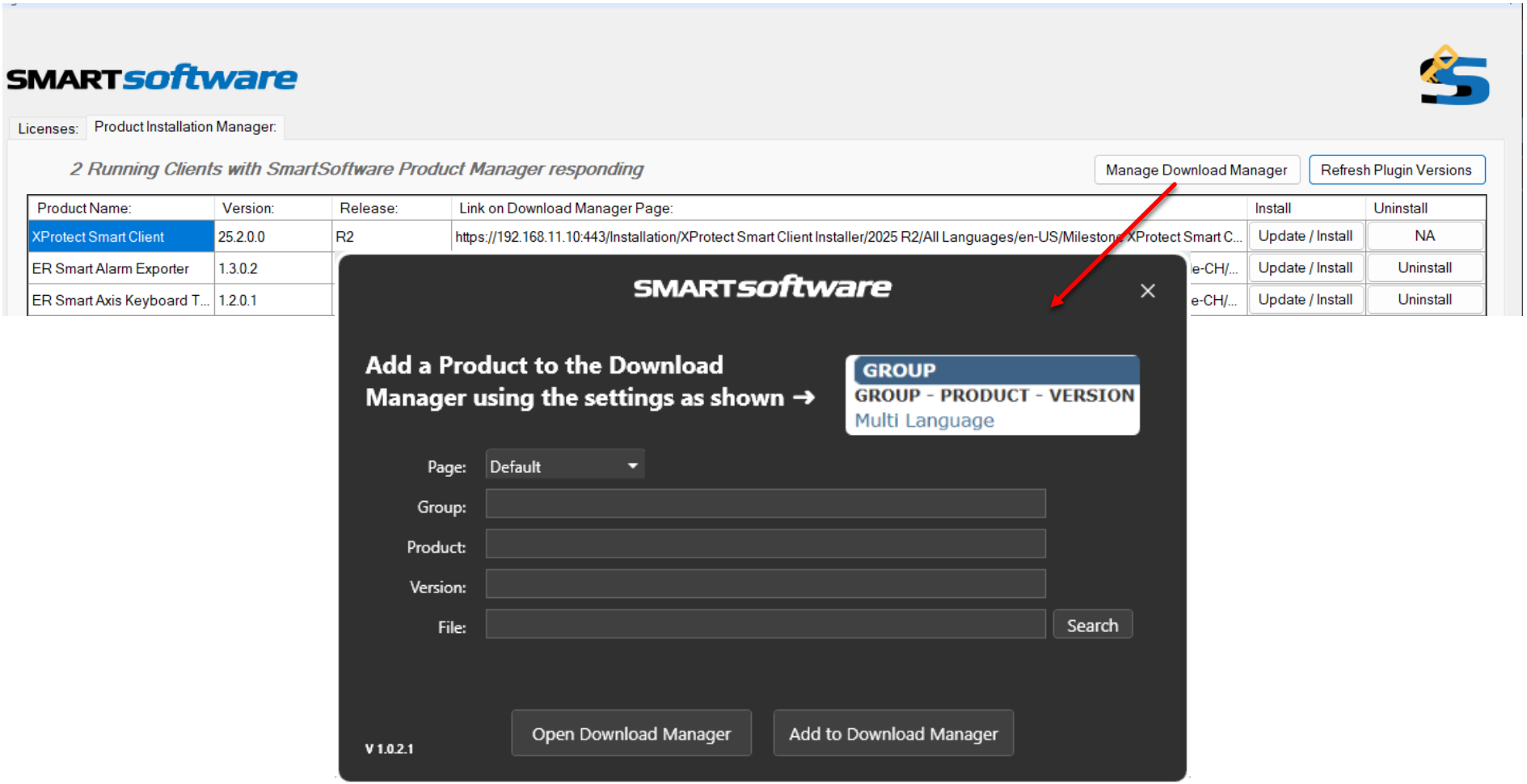






NEW LICENSE AND *PRODUCT MANAGER*

- Access to Download Manager to add or remove components



SMART software

SMART toolbox

SOMETIMES YOU JUST NEED A LITTLE BIT MORE…



TOOLBOX

Sometimes the simple things are the most needed. The toolbox may give you exactly those simple solutions which makes your customer 100% satisfied. There will be more and more tools added to the toolbox.

As of today, the following tools are part of the Toolbox:

- Event Server Plugins
  - Event Sender – HTTP/S or TCP Commands triggered by Event
  - User2Role – change the role of users by Event
  - Event Timer now Event Manger – Timers based on Events is extended by several counters
  - Event Sequencer – Sequencially timed trigger of Events
  - Ruled Privacy Mask – Enable or disable Privacy Masks by rule

TOOLBOX

- Plugins for the XProtect Smart Client
  - Layout Creator
  - Microsoft RDP Remote Desktop Client View Item
  - HTML 5 Browser View Item (based on Edge chromium WebView2)
  - Camera Name, Time and Custom Overlay
  - Smart Mic Audio Mixer
  - Smart Speaker Audio Mixer 

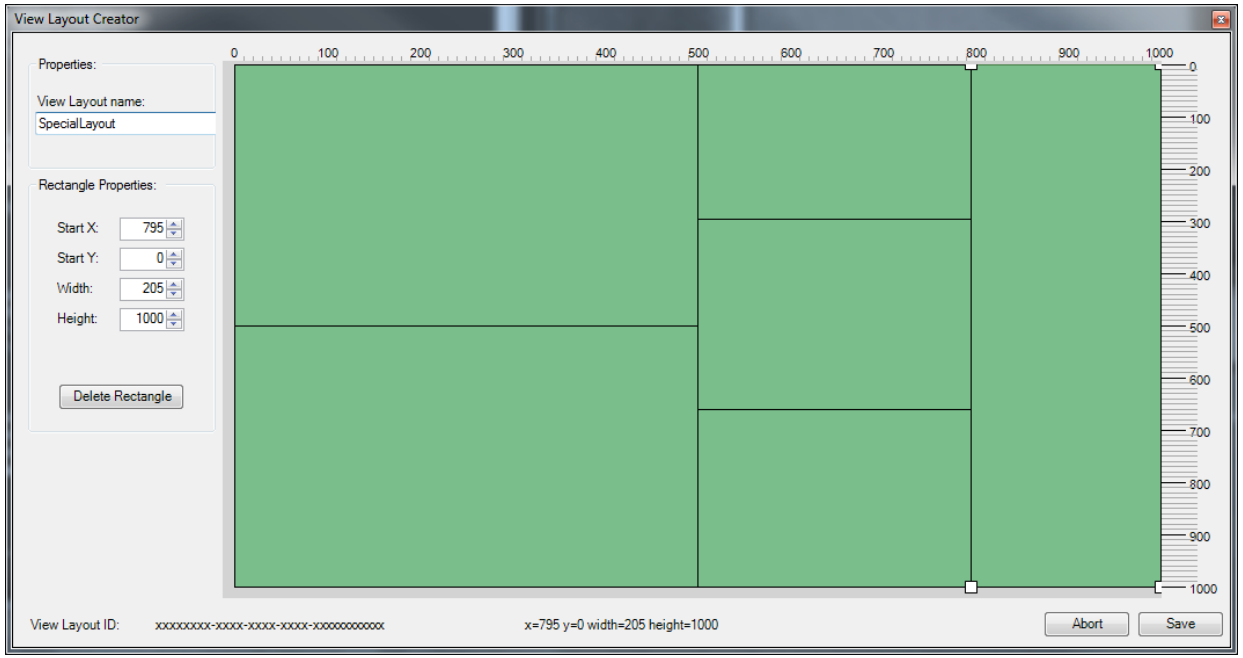
TOOLBOX

- Plugins for the XProtect Smart Client
  - Snapshot Viewer
  - User2Role Update Client
  - Event Trigger Context Menu Overlay
  - Alarm List Exporter
  - Instant Rewind
  - Function Timers 

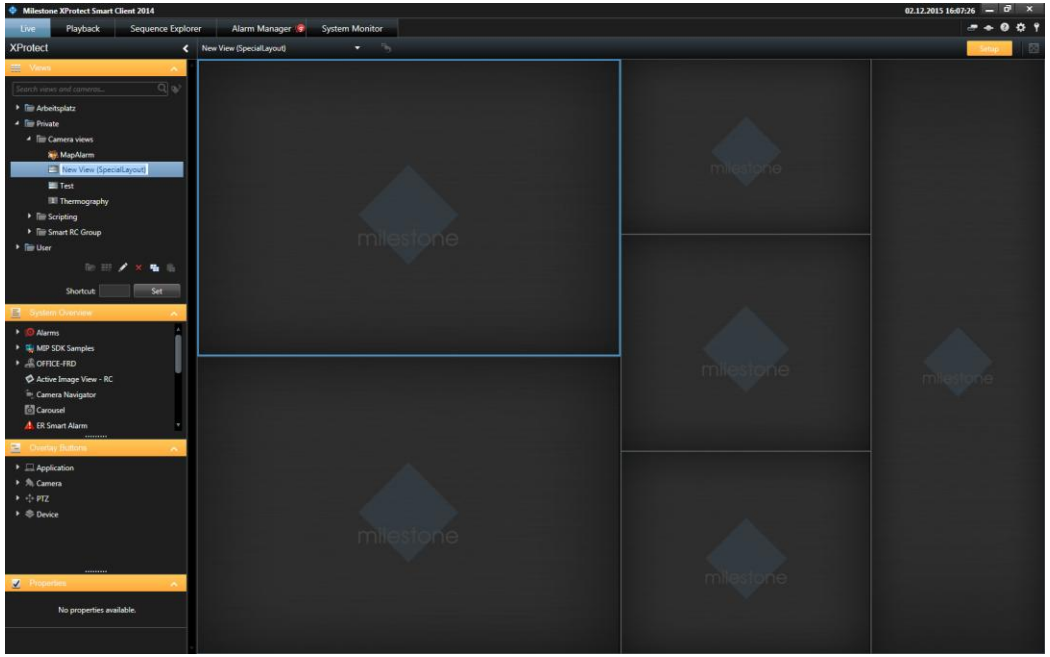
TOOLBOX – SMART CLIENT LAYOUT CREATOR

Have you ever been stuck when your customer asked for an unusual Layout in the Client?
The Layout creator let you draw those Layouts by yourself:

Create with new enhanced WYSIWYG editor…



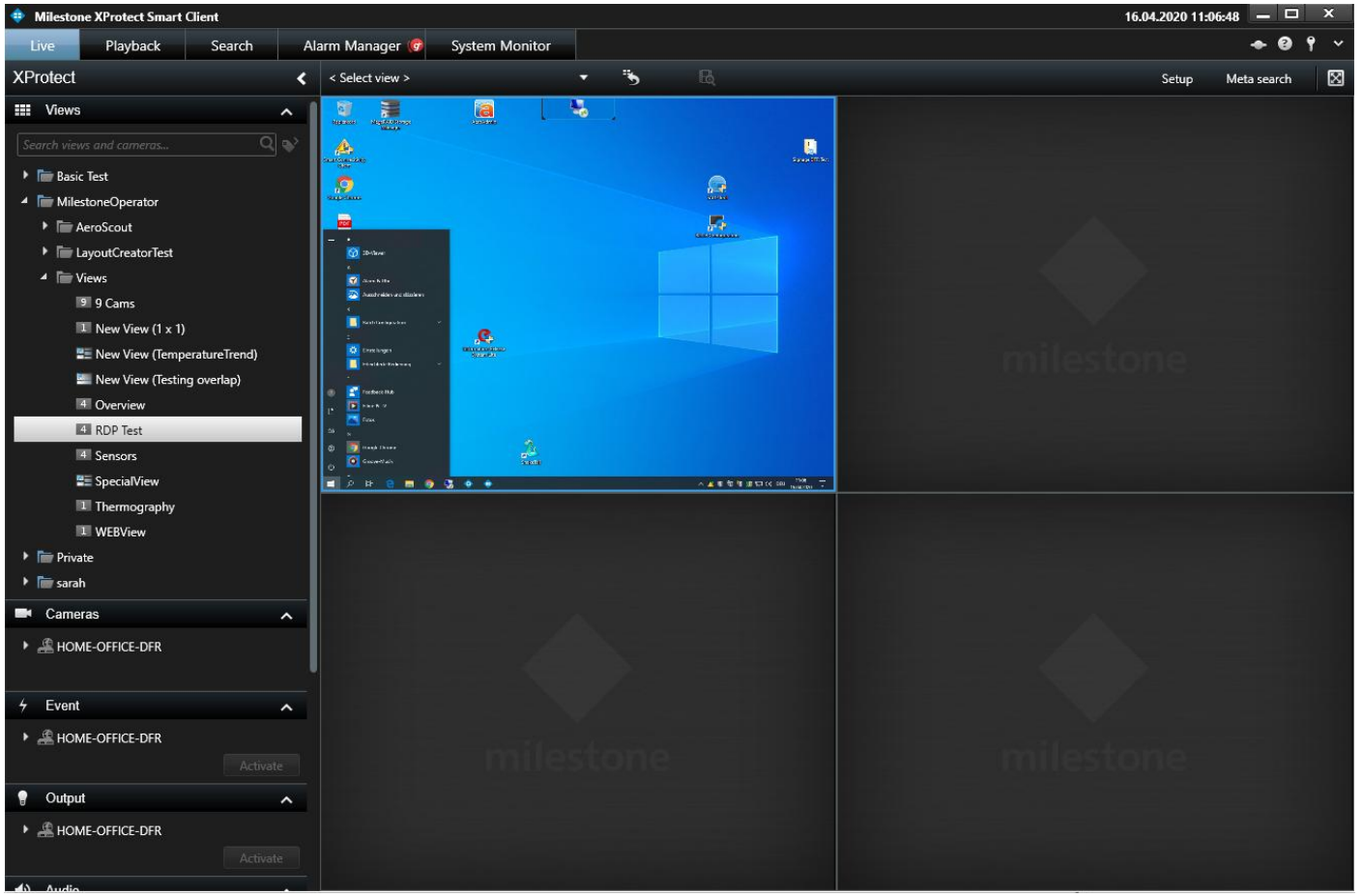
… and use them!



TOOLBOX – SMART CLIENT RDP VIEW ITEM

Did you ever need a simple integration of a 3rd party Client Application into the Smart Client?

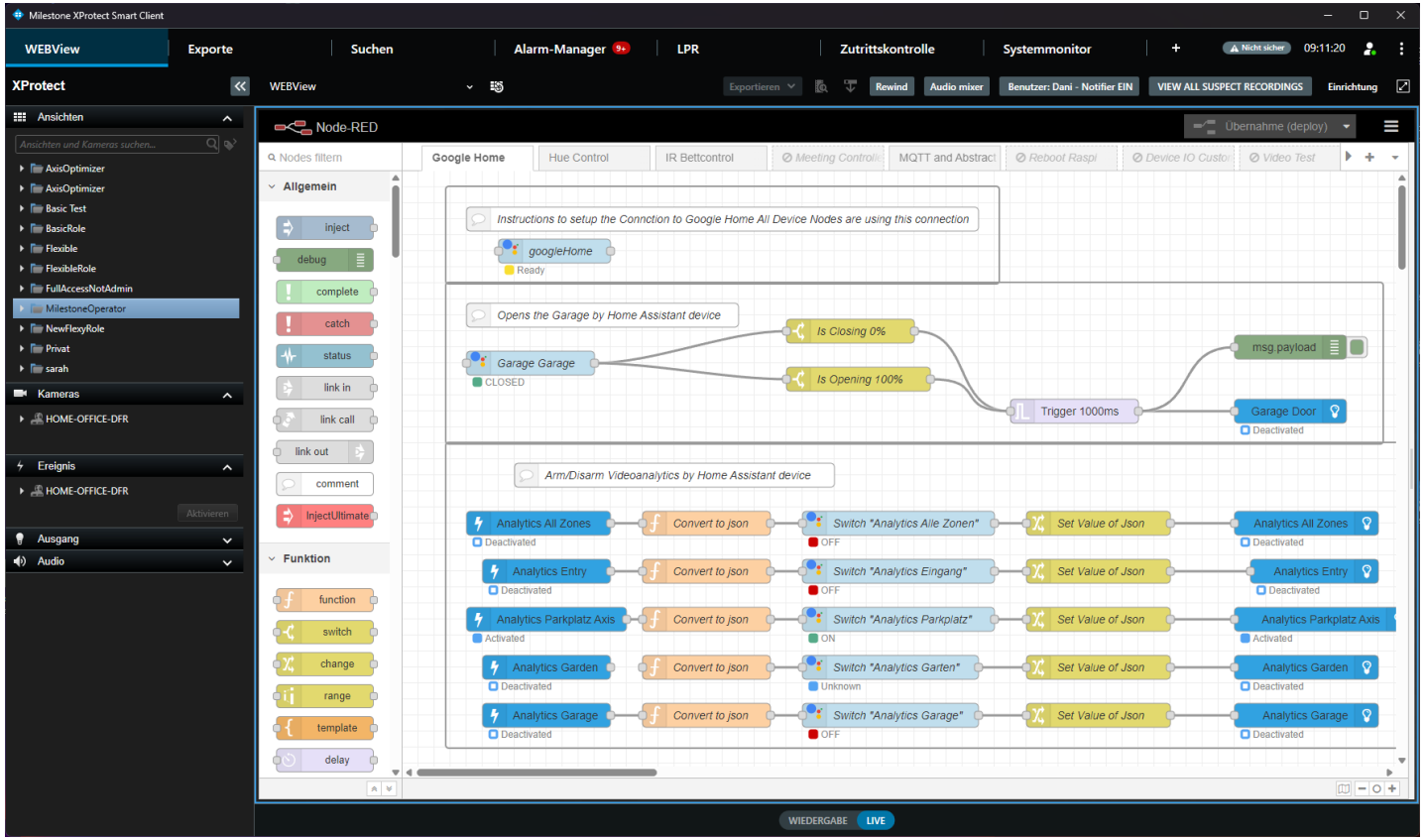
What if you just can use an integrated RDP Client connection?



TOOLBOX – SMART CLIENT HTML 5 VIEW ITEM

What is about a modern Web content?

Have you ever had layout problems when showing content of a HTML 5 Webpage?

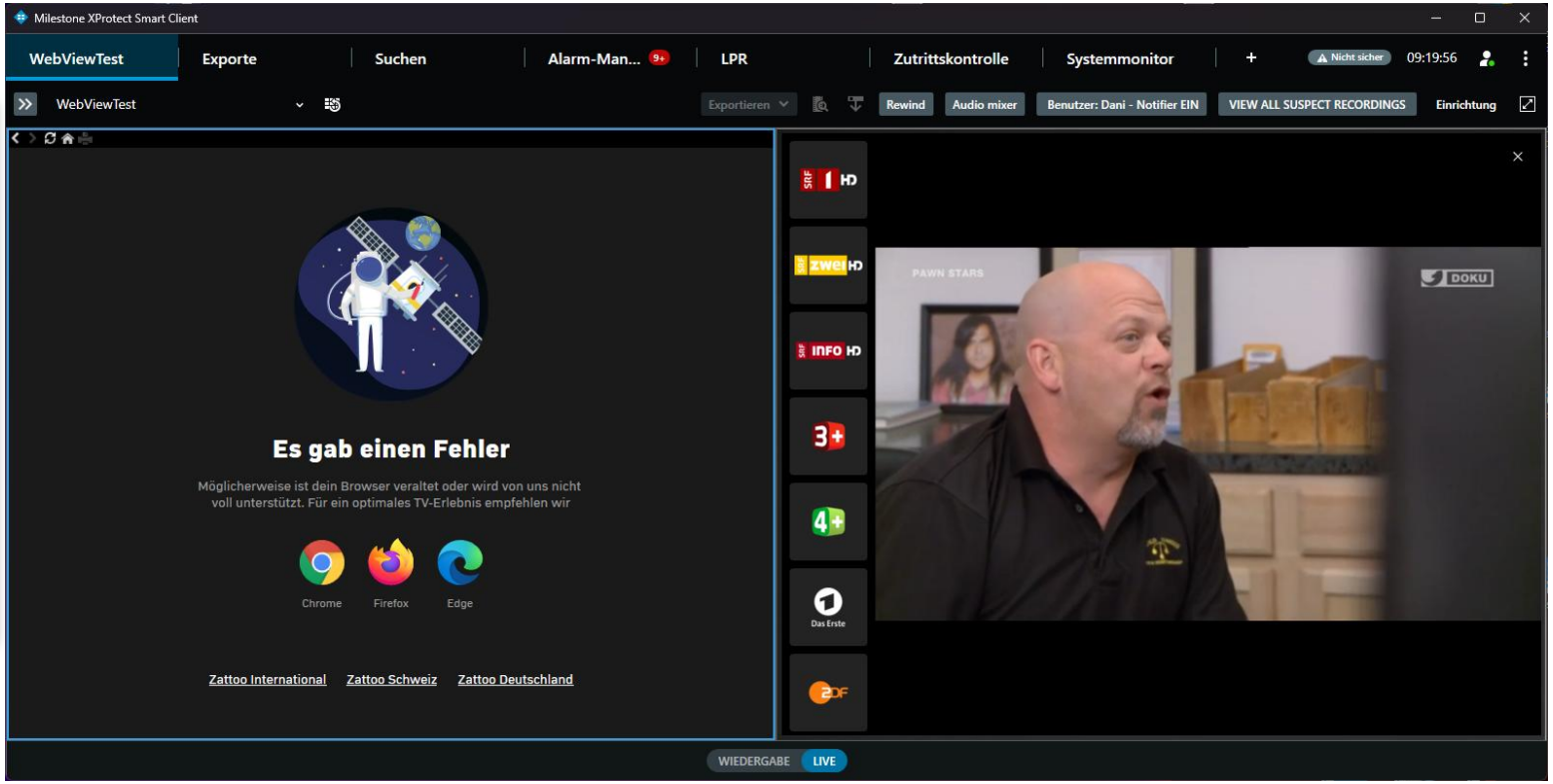


TOOLBOX – SMART CLIENT HTML 5 VIEW ITEM

https://zattoo.com

Built-in
HTML Page
View Item

FAILS!
Not Supported
Scripting Errors
Layout issues
etc.



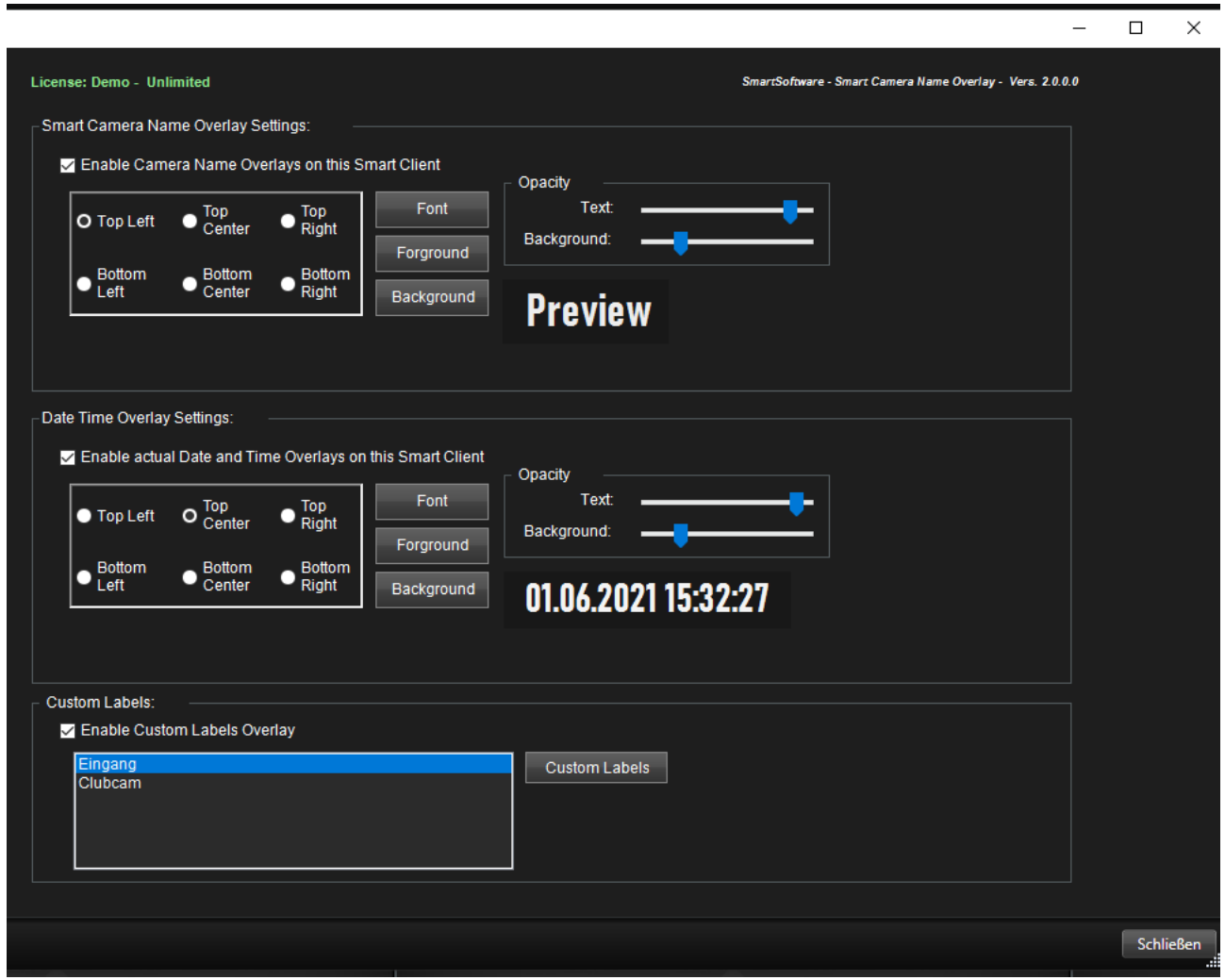
Toolbox
Smart HTML5 Browser
View Item

WORKS PERFECT!

TOOLBOX – SMART CLIENT CAMERA NAME, TIME AND CUSTOM OVERLAY

What if you have a screen mounted on the wall a few meters away of the operator. Is he able to see the Camera name in the Header of the Camera View Item?

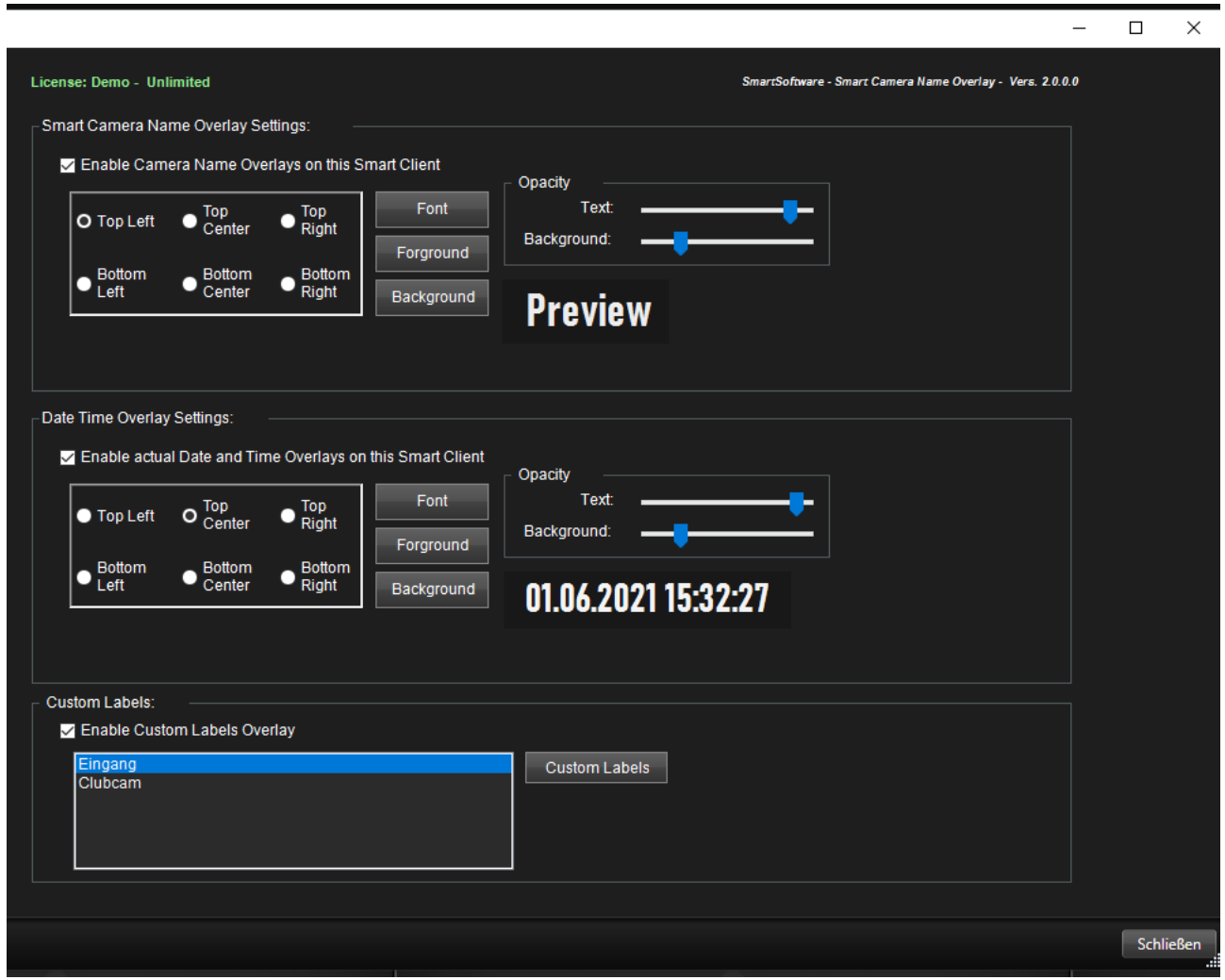
Probably not… with the Camera Name Overlay Plugin you can show the Camera name as on overlay with customized properties.



TOOLBOX – SMART CLIENT CAMERA NAME, TIME AND CUSTOM OVERLAY

Enhancements in the latest version:

- Date and Time Overlay in Live and Playback mode
- Free position of custom text Overlays including text changes triggered by Event.



TOOLBOX – SMART CLIENT CAMERA NAME, TIME AND CUSTOM OVERLAY

Impossible to read Camera Name from distance!



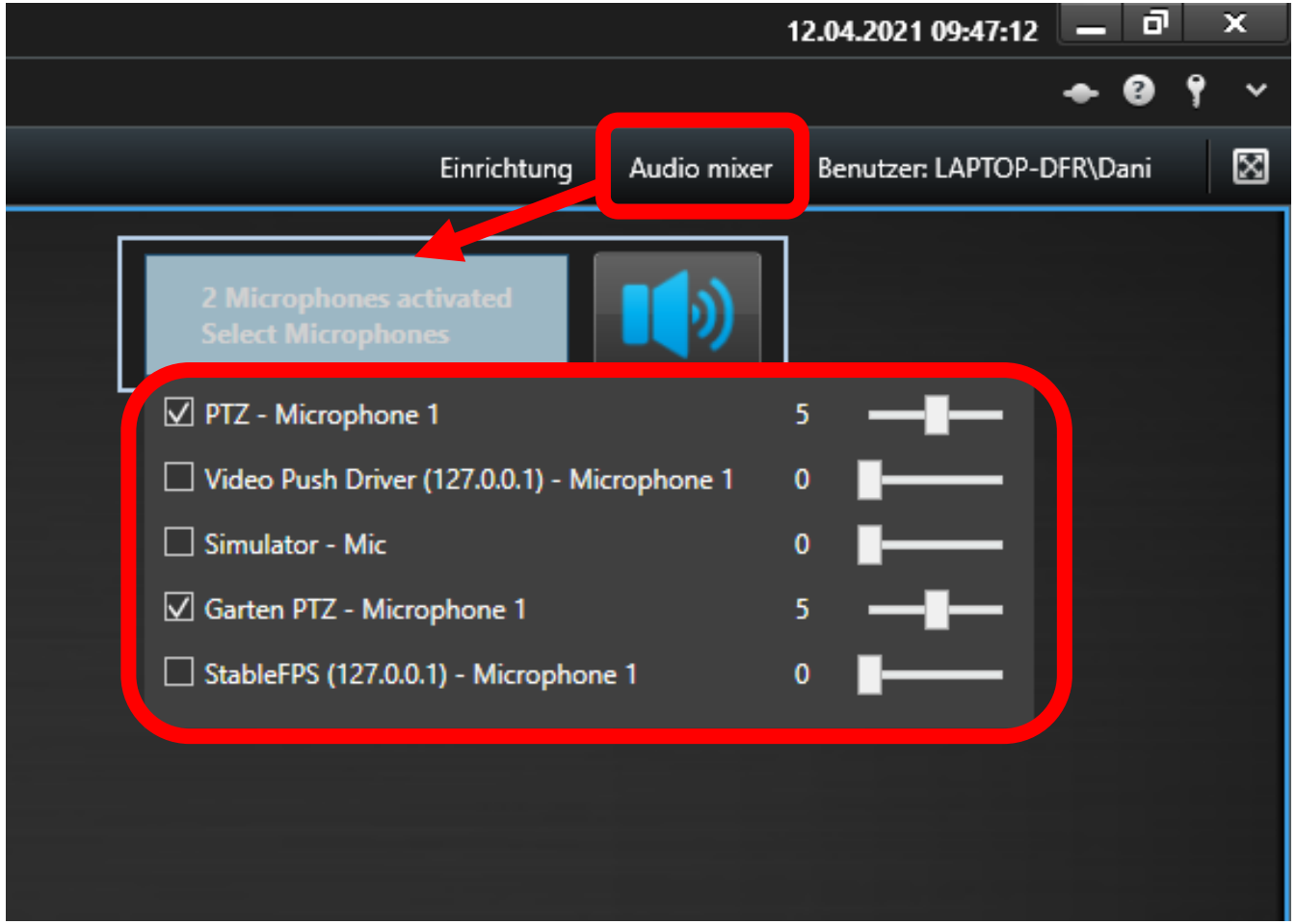
Camera Name is well readable from distance!



TOOLBOX – SMART CLIENT – MIC AUDIO MIXER

What if you want to hear multiple Audio from Microphones
at the same time?

With the Mic Audio Mixer you can hear all the channels selected and adjust the volume independently.

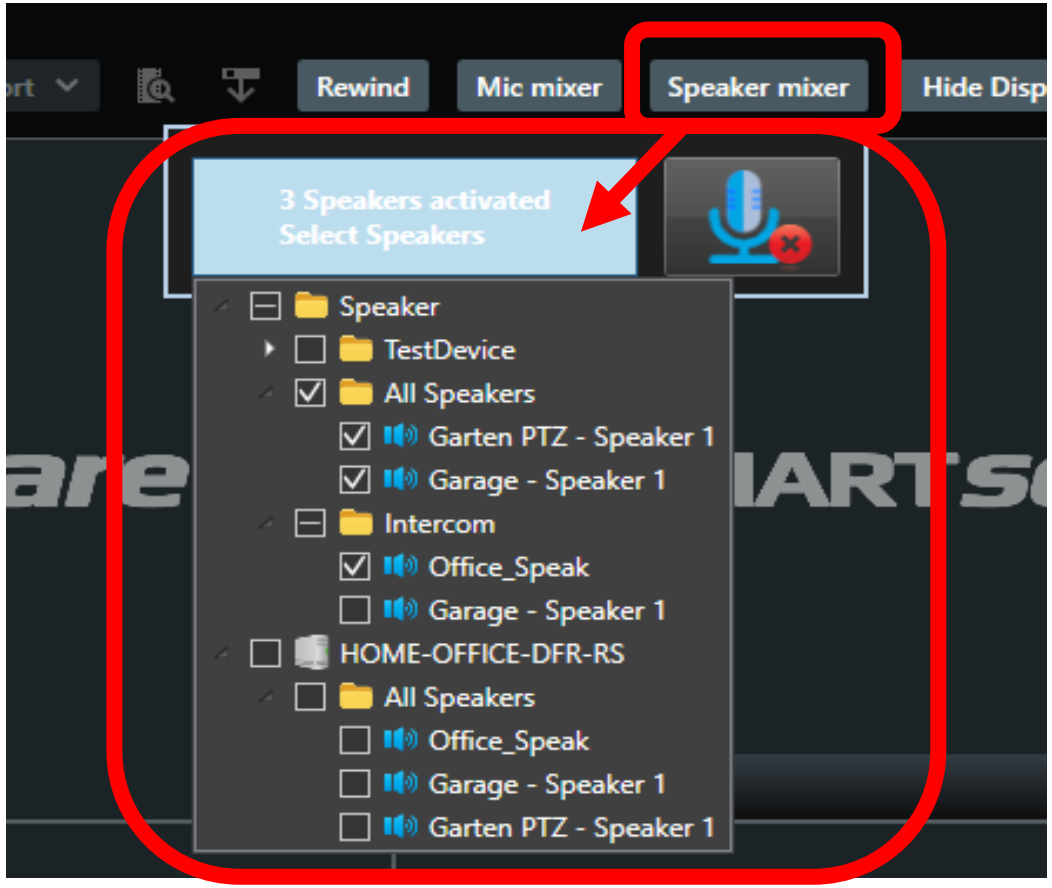


NEW

TOOLBOX – SMART CLIENT – SPEAKER AUDIO MIXER

Want to talk to multiple speakers at once?

With the Speaker Audio Mixer, you can easily connect with several speakers or groups - all in one go.

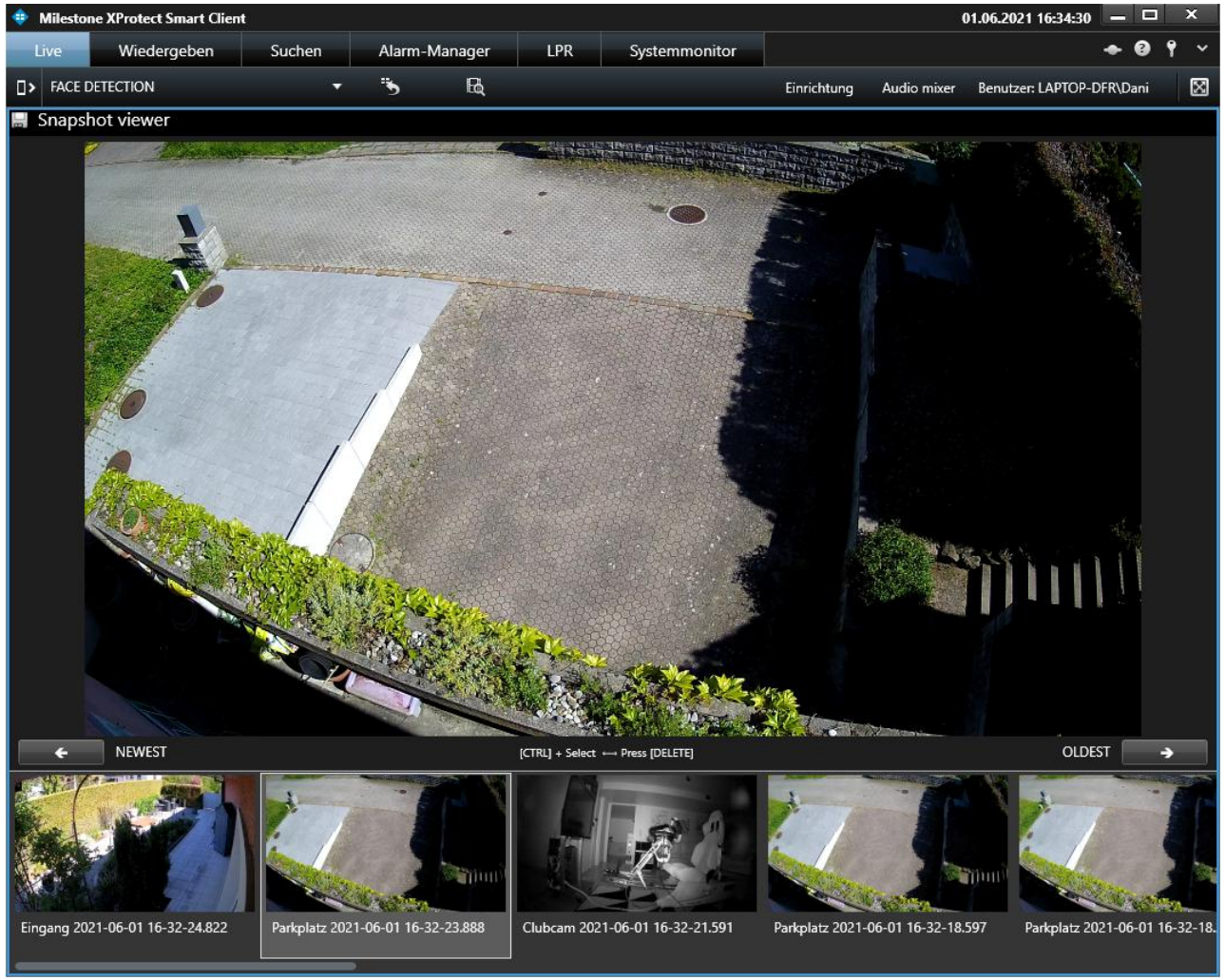


TOOLBOX – SMART CLIENT – SNAPSHOT VIEWER

The Smart Client provides a Snapshot function, where you can store the actual Image to a predefined location.

To see and manage (delete) those Snapshots you need to open the file explorer.

What if you could directly access the Snapshot Images from the Smart Client?

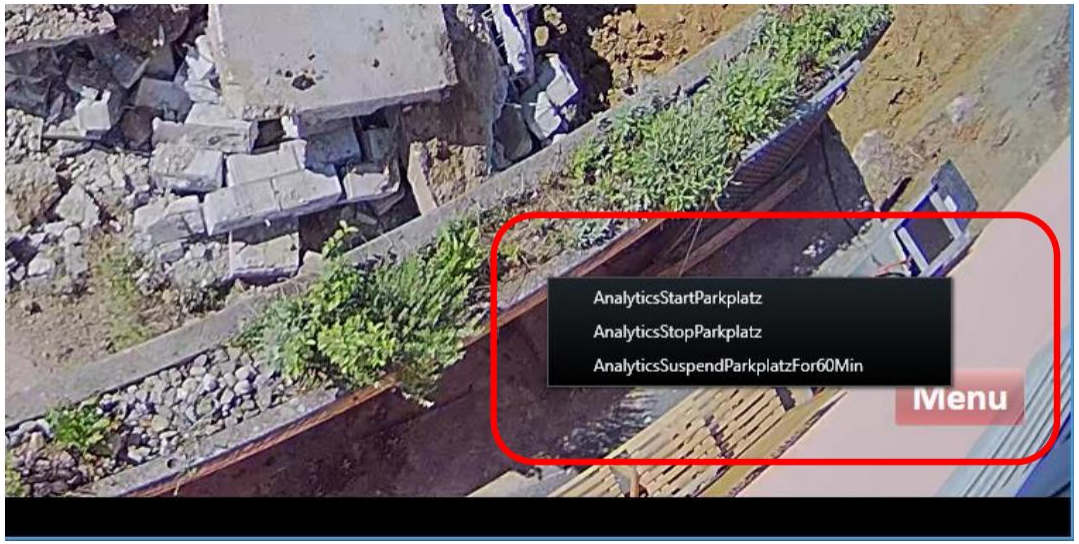


TOOLBOX – SMART CLIENT – EVENT TRIGGER CONTEXT MENU

Overlay buttons on the Smart Client are a very useful feature and widely used.

What if you need many functions on your Camera view item and you don't want to cover the Video with so many overlay buttons?

The Smart Smart Event Trigger context menu overlay allows you to set a button opening a context Menu to trigger user defined.

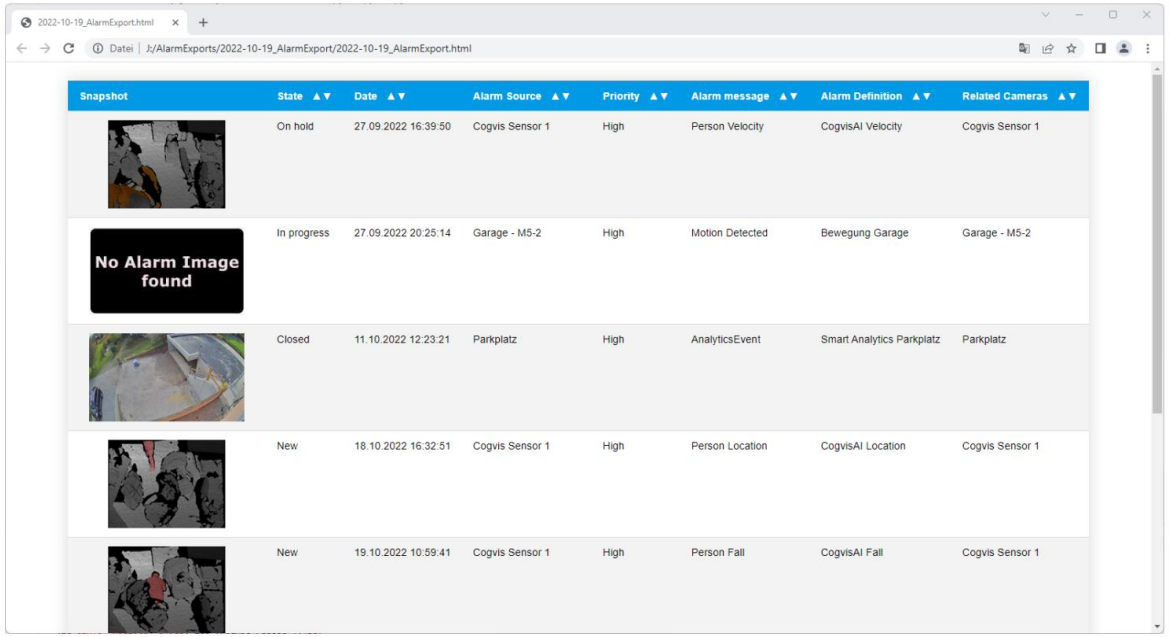


TOOLBOX – SMART CLIENT – ALARM LIST EXPORTER

The Alarm Manager in the Smart Client is a perfect tool to look into Alarms and see its recordings.

What if you have to deeper analyse, comment or archive alarms outside of the Smart Client?

The Alarm list Exporter allows you to export a filtered Alarm list containing the most important properties
and the Snapshot image. It creates a zip file containing all images, a html and an Excel compatible file.



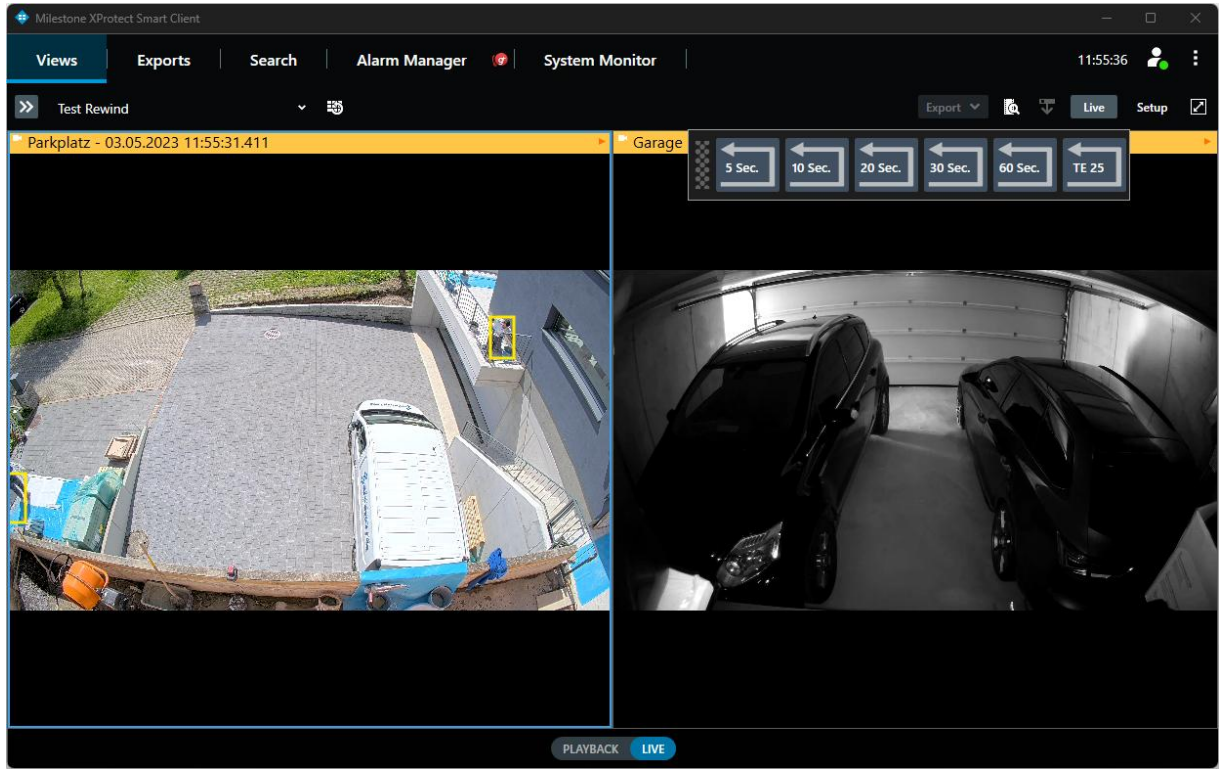
Snapshot	State	Date	Alarm Source	Priority	Alarm message	Alarm Definition	Related Cameras
	On hold	27.09.2022 16:39:50	Cogvis Sensor 1	High	Person Velocity	CogvisAI Velocity	Cogvis Sensor 1
No Alarm Image found	In progress	27.09.2022 20:25:14	Garage - M5-2	High	Motion Detected	Bewegung Garage	Garage - M5-2
	Closed	11.10.2022 12:23:21	Parkplatz	High	AnalyticsEvent	Smart Analytics Parkplatz	Parkplatz
	New	18.10.2022 16:32:51	Cogvis Sensor 1	High	Person Location	CogvisAI Location	Cogvis Sensor 1
	New	19.10.2022 10:59:41	Cogvis Sensor 1	High	Person Fall	CogvisAI Fall	Cogvis Sensor 1

TOOLBOX – SMART CLIENT – INSTANT REWIND

Playback recorded video is an essential feature of the VMS. The Smart Client provides you several possibilities to search for an incident or to playback video at a specific time.

What if you are usually viewing in live and you just want to rewind a few seconds to verify what you have seen?

In this case you can use the Instant Rewind Plugin which offers you a very fast way to rewind for a specified time.



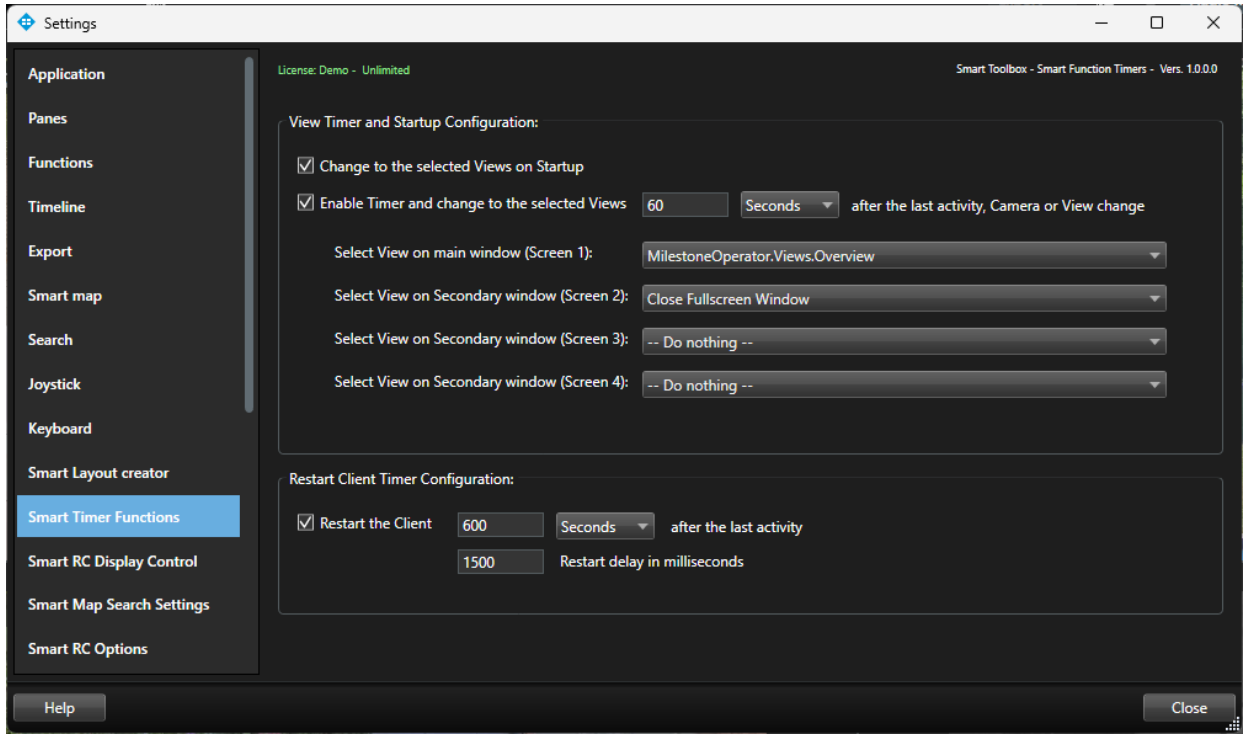
NEW

TOOLBOX – SMART CLIENT – FUNCTION TIMERS

Add timed automation to your Smart Client experience.

Automatically set default views on up to four screens or trigger a Client restart or logout after a period of inactivity.

Ideal for ensuring consistent startup layouts or resetting the system when there's no user activity.



TOOLBOX – EVENT SERVER EVENT SENDER

Have you ever had the need to execute a http or tcp command from the VMS to any 3rd part System?

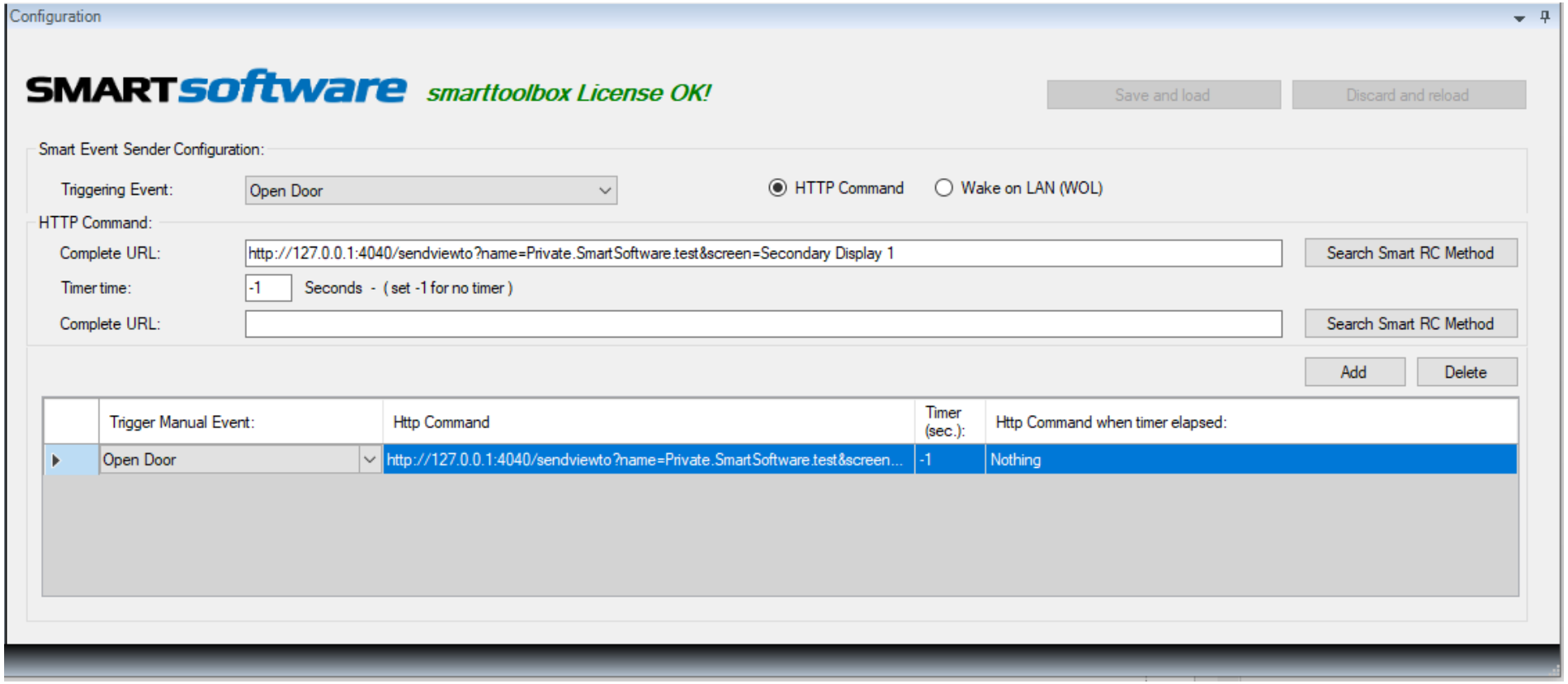
For instance to activate a Wiper on a Camera or send a tcp command to a external device?

Using the Event Sender Plugin from the Toolbox enables you to send such a command triggered by an Event from the VMS.

There is even native support of the Smart RC Plugin to control the Smart Client with just a few clicks of configuration.

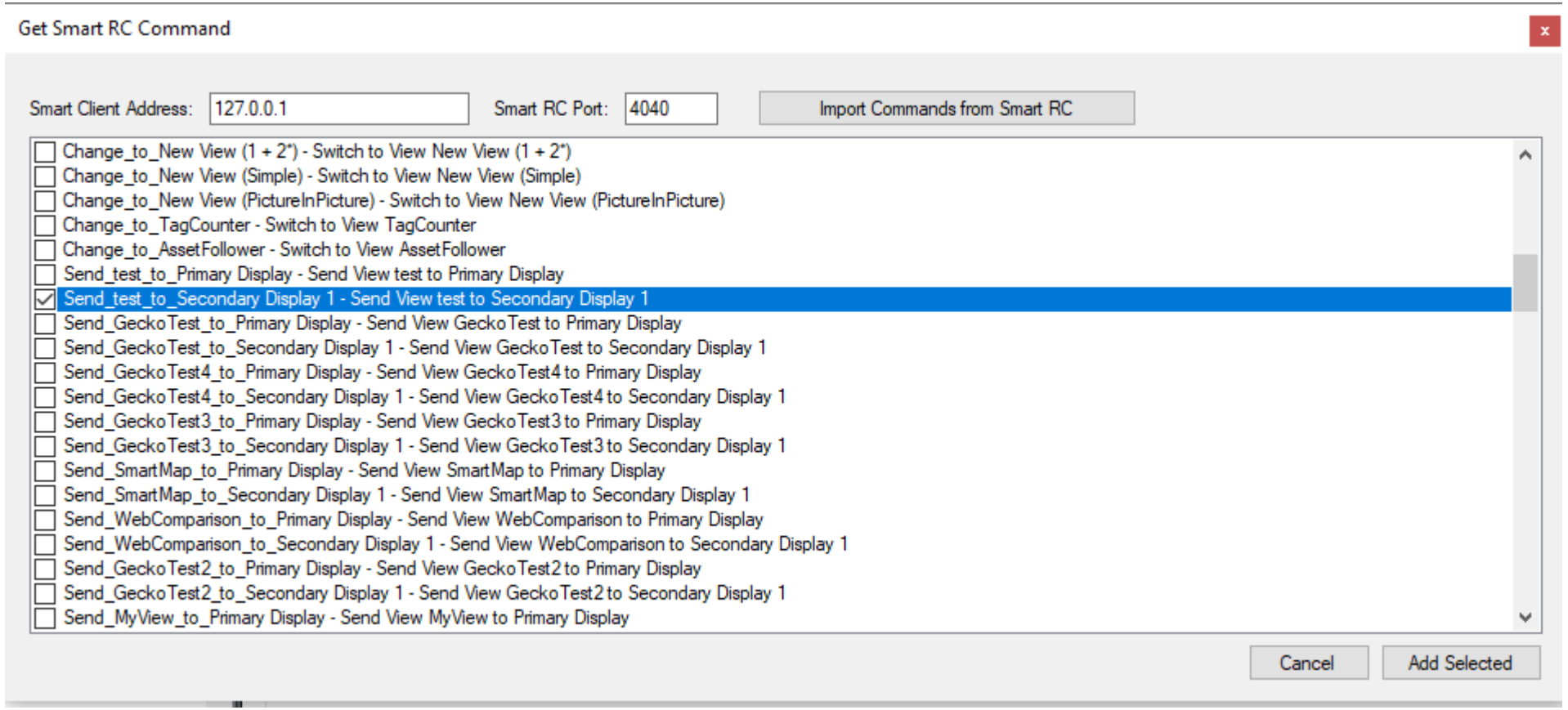
TOOLBOX – EVENT SERVER EVENT SENDER

Simply choose the User defined Event which triggers your http or tcp command:



TOOLBOX – EVENT SERVER EVENT SENDER

… or import all possible SmartRC commands to choose from:



TOOLBOX – EVENT SERVER EVENT TIMER → PART OF THE NEW EVENT MANAGER

The Event Timer is used to start a timer by Event and when it elapses it triggers an other Event. But what when the starting Event is triggered when the timer is already running?

Other than the built-in Timers from the rule system, the Event Timer will reset the timer in this case and starts counting from the beginning. This can be used in various scenarios where this is needed.

Example:

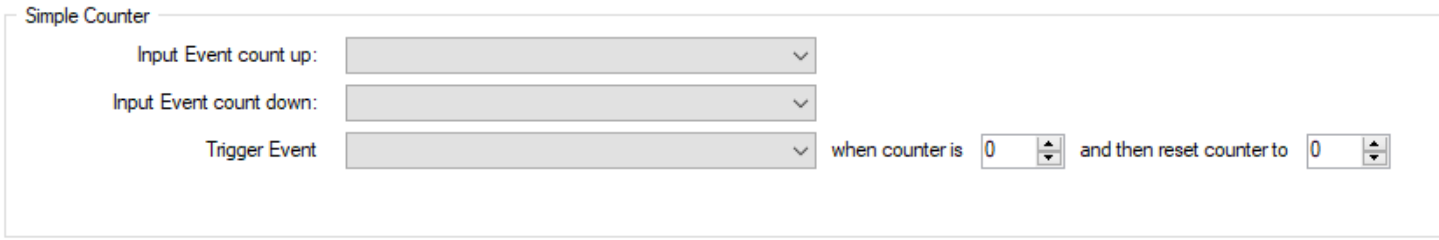
You create a rule where an Event is changing your Smart Wall View to VIEW-B for 20 Sec. and after that time, it will switch back to VIEW-A.

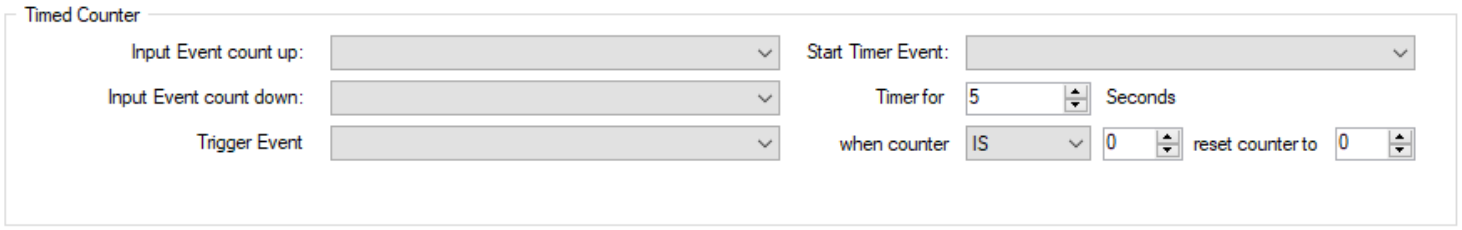
This is working as long as the same Event is not triggered again. Imaging what happens if this Event is triggered again after 19 Sec. How long is VIEW-B shown before the first timer ends and switches back to VIEW-A even if VIEW-B should be shown?

TOOLBOX – EVENT MANAGER

Event Timer will be extended by new counters which enables different compares:

- Simple Up- and Down Counter
  - Select Events for Up- and Down
  - Trigger Event when counter meets the rule value
- Timed Up- and Down Counter
  - Select Events for Up- and Down
  - Select a Start Event Timer
  - Trigger Event when counter meets (IS / IS NOT) the rule value after the timer
- Event Period Up- and Down Counter
  - Select Events for UP- and Down
  - Select a Start- and Stop Period Event
  - Trigger Event when counter meets (IS / IS NOT) the rule value after the stop Event is triggered

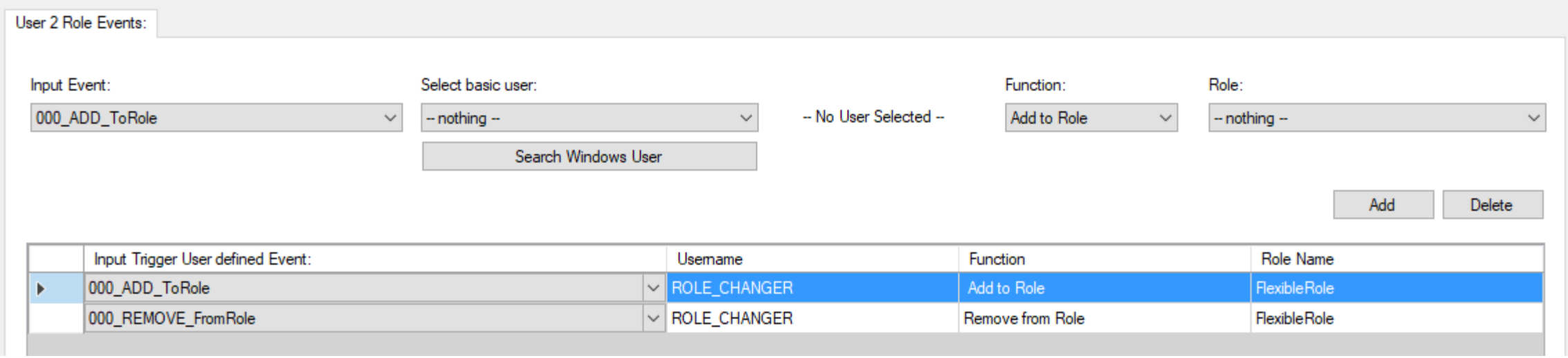






TOOLBOX – USER 2 ROLE

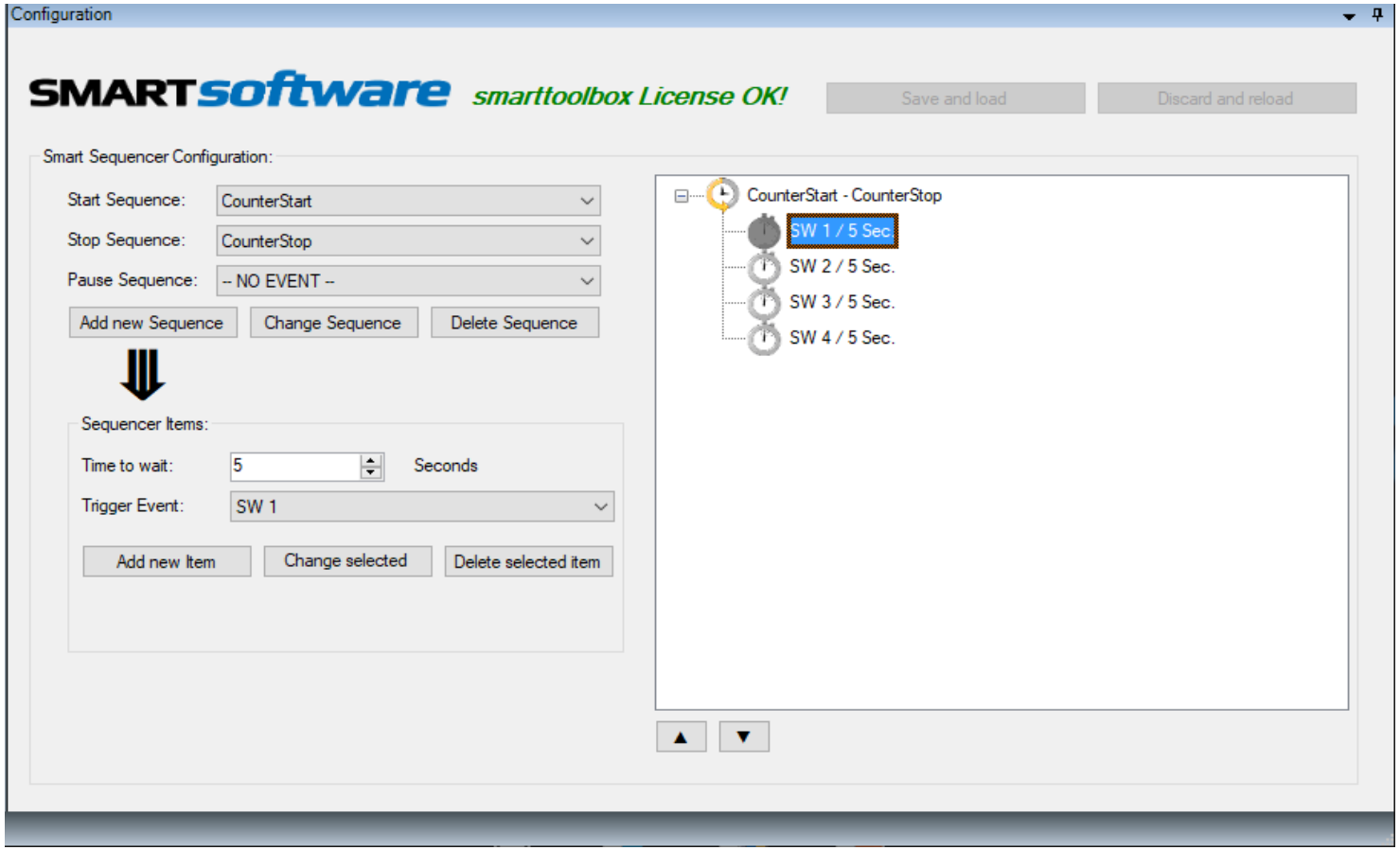
Change the Role of a user by Event:



By using the User 2 Role Client plugin, the Role change takes effect immediately when the Event is triggered as the user is informed and the Video Client configuration is reloaded.

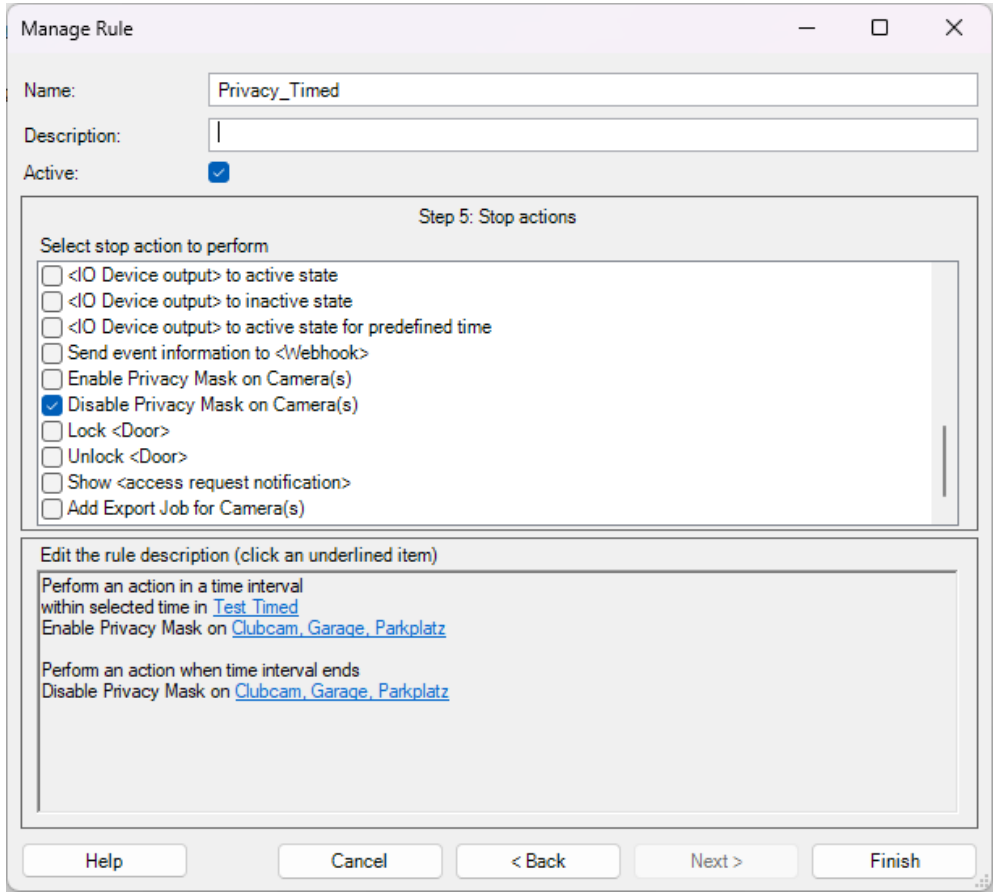
TOOLBOX – EVENT SEQUENCER

Create Sequences of periodically triggered User defined Events:



TOOLBOX – RULED PRIVACY MASK

Create action rules to enable or disable privacy mask for confgured cameras:



SMART software

SMARTrc

REMOTE CONTROL YOUR SMART CLIENT…



SMART RC - OVERVIEW

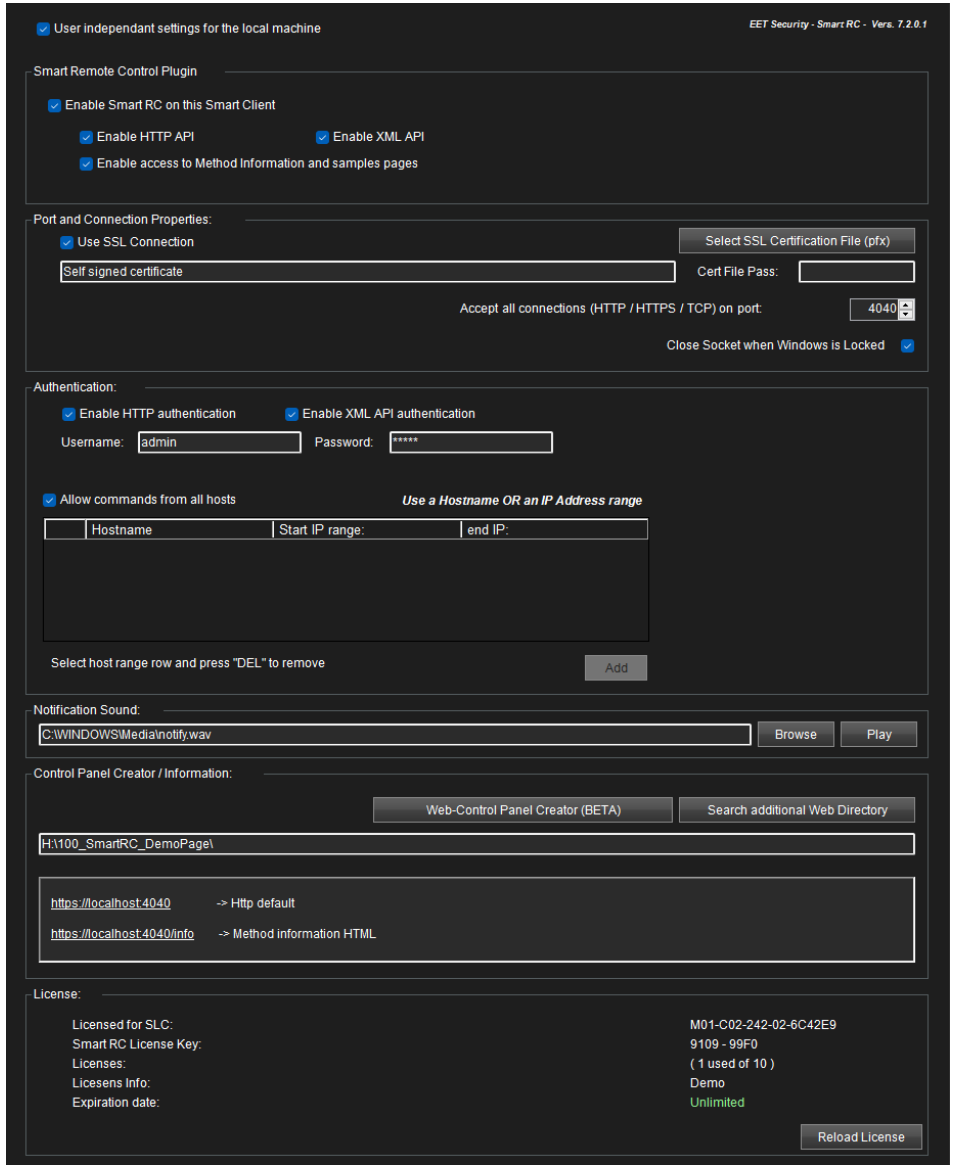
The Smart Client is the core tool of any Surveillance Operator to view Live Video and investigate in recordings. Smart RC extends almost all functionalities to different APIs to enable Remote Control of the entire Application.

Smart RC is one of the controllable Display types in the Smart Control Room Application and it is available for other integrations too.

- Easy configuration and simple licensing
- Self- configuring HTML API providing System dependent methods
- Sample Webpages showing some capabilities are included
- Custom webpages including html, css and images can be hostedCustom webpages created with built-in Panel Creator
- Advanced XML API including Documentation and API Tool available

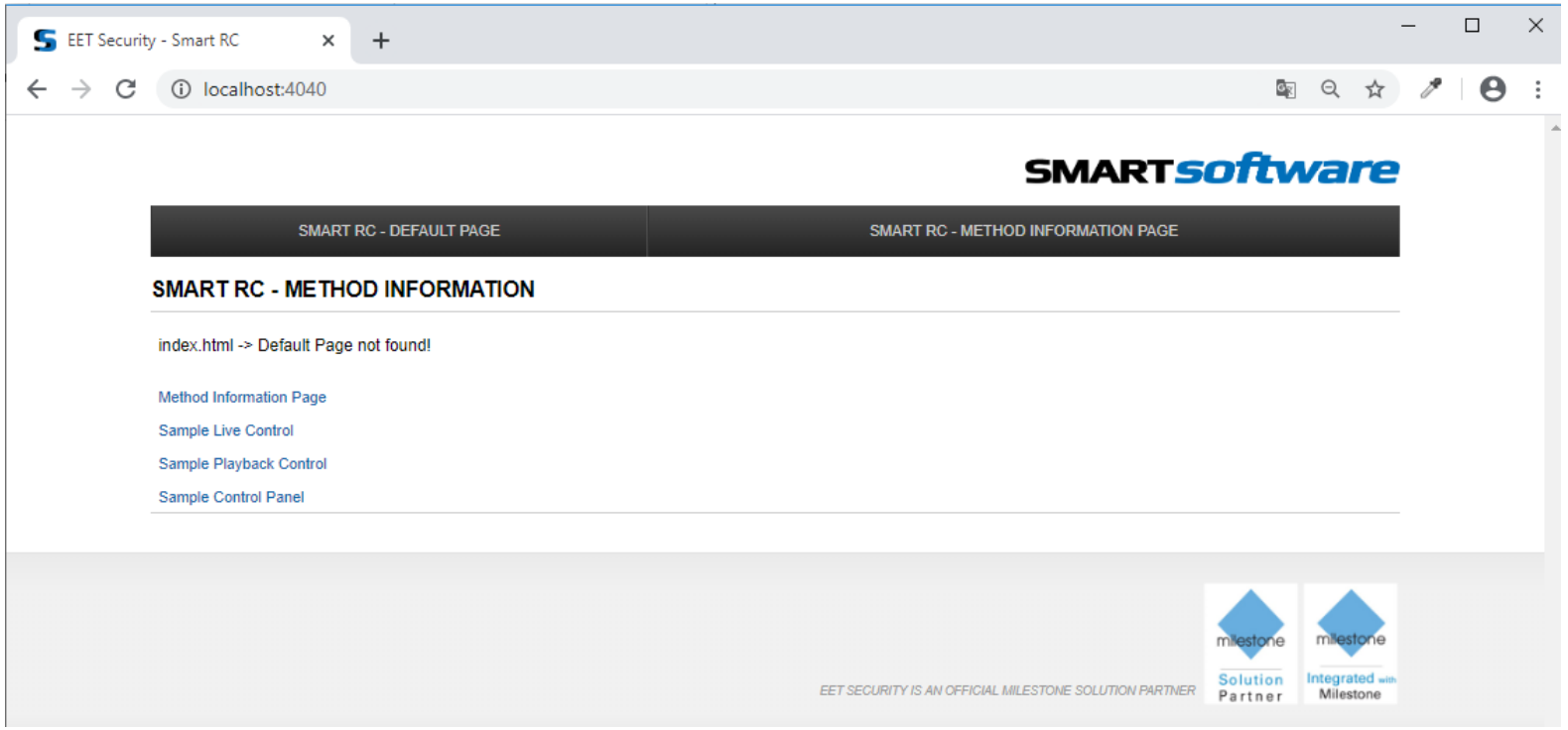
SMART RC EASY CONFIGURATION

Once the Smart Client Plugin is installed, it can simply be licensed and activated in the Smart Client options

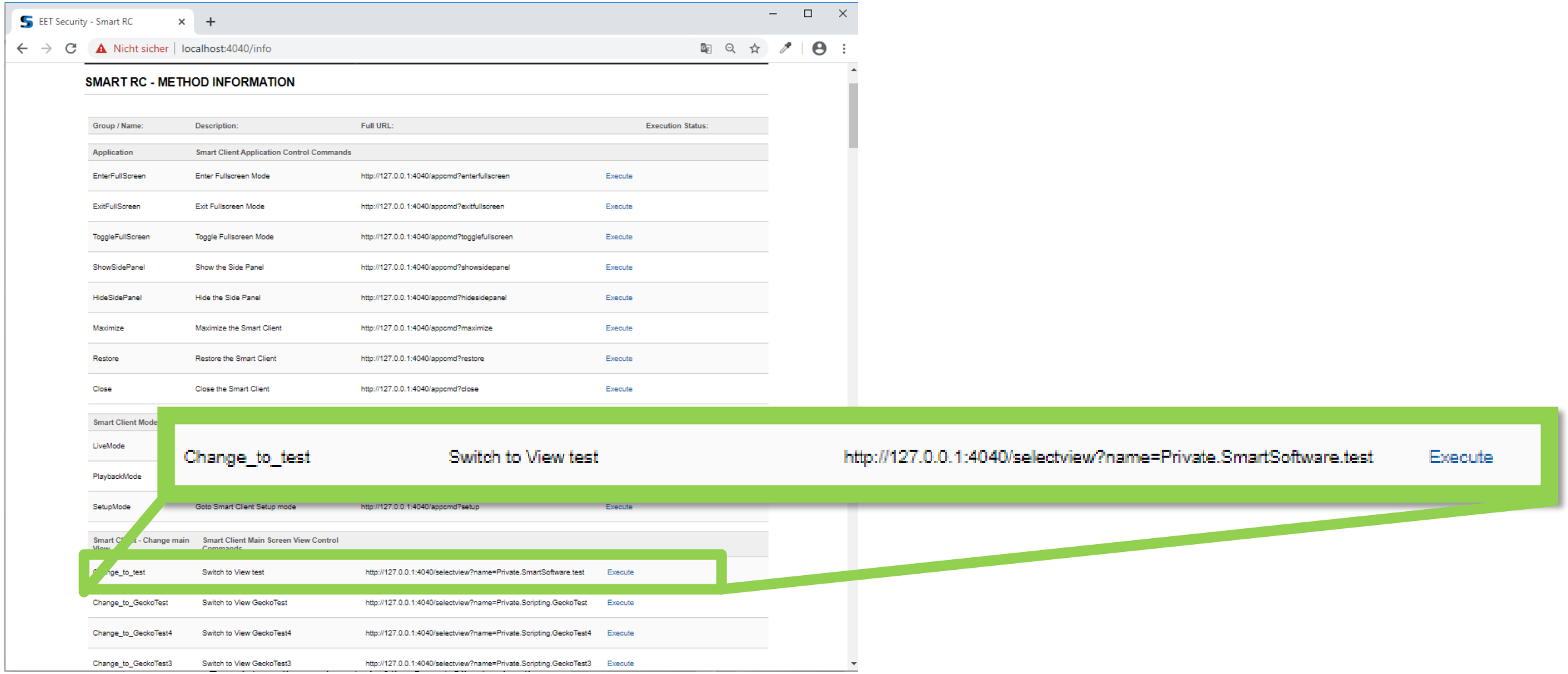


SMART RC HTTP API – METHOD INFORMATION

- Access to the runtime generated method information page by Browser
- Direct access to the method list using the Event Sender from our Toolbox



SMART RC HTTP API – METHOD INFORMATION

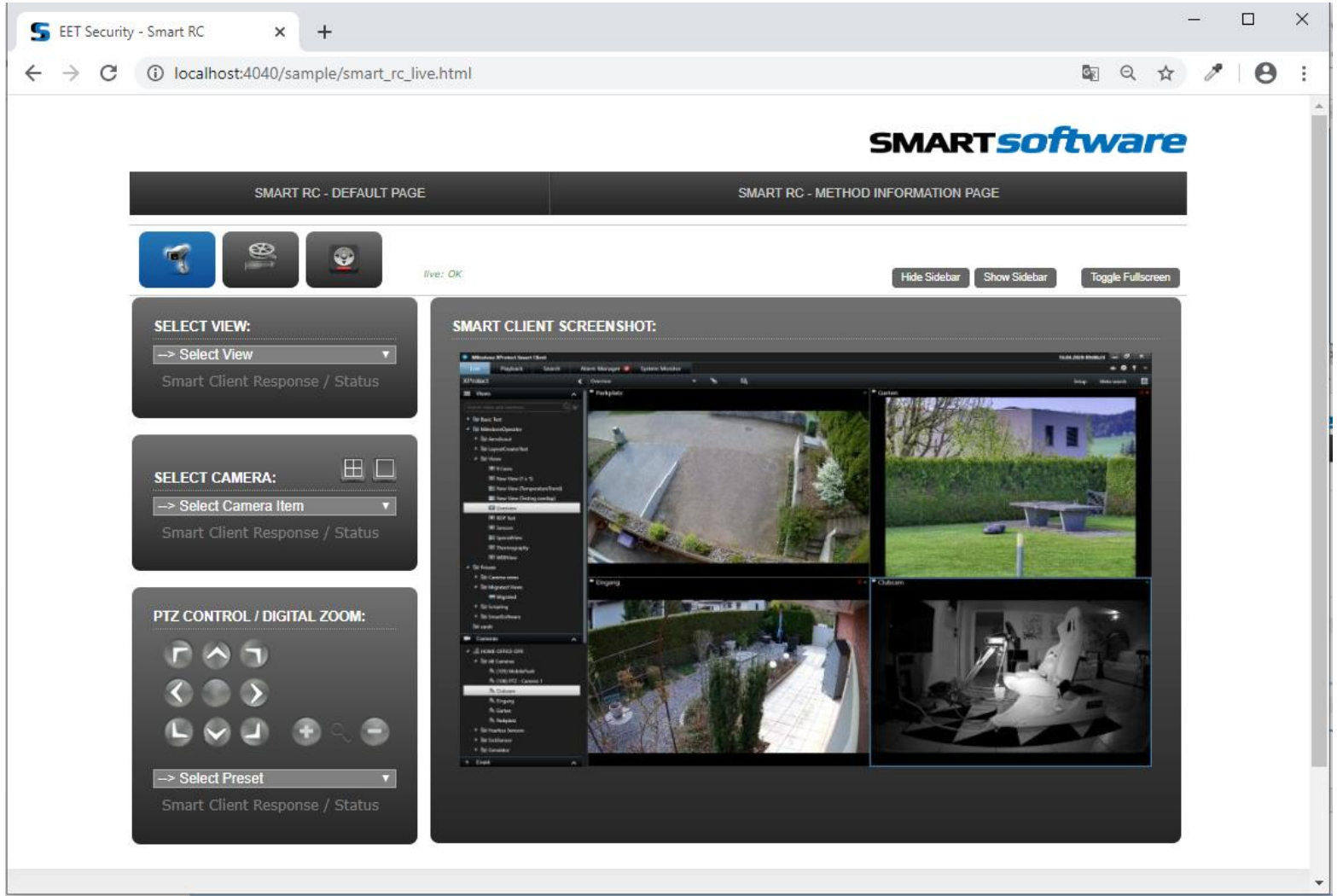


SMART RC HTTP API – METHOD GROUPS

Group / Name:	Description:	Full URL:
Application	Smart Client Application Control Commands	
Smart Client Mode	Smart Client Mode Control Commands	
Smart Client - Change main View	Smart Client Main Screen View Control Commands	
Smart Client Send View to Screen	Smart Client send View to Screen Control Commands	
Smart Client close window on Screen	Smart Client close Window on Screen Control Commands	
Smart Client View Item	Smart Client Select View Item Control Commands	
ViewItemCommand	Smart Client View Item Control Commands	

Group / Name:	Description:	Full URL:
ScreenImage	Get Image from Smart Client	
Playback	Send Playback Commands to Smart Client	
PTZ	PTZ Commands for the selected Camera	
PTZ Presets	Preset Commands for Cameras	
DB Export	Smart Client Database Export Control Commands	
AVI Export	Smart Client Media Player Export Control Commands	
Smart Client Message	Send Message to Smart Client Commands	

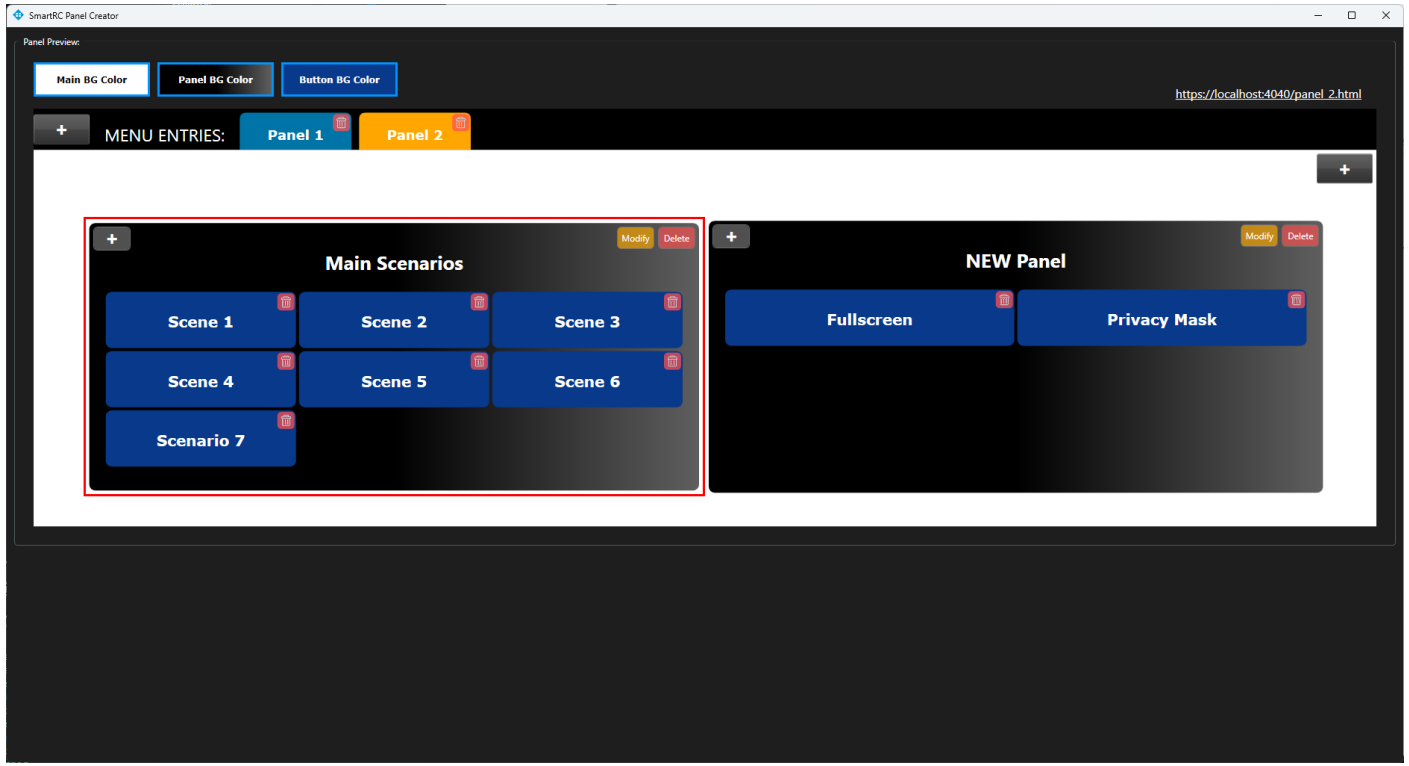
SMART RC HTTP API – LIVE SAMPLE



SMART RC – BUILT-IN WEB PANEL CREATOR

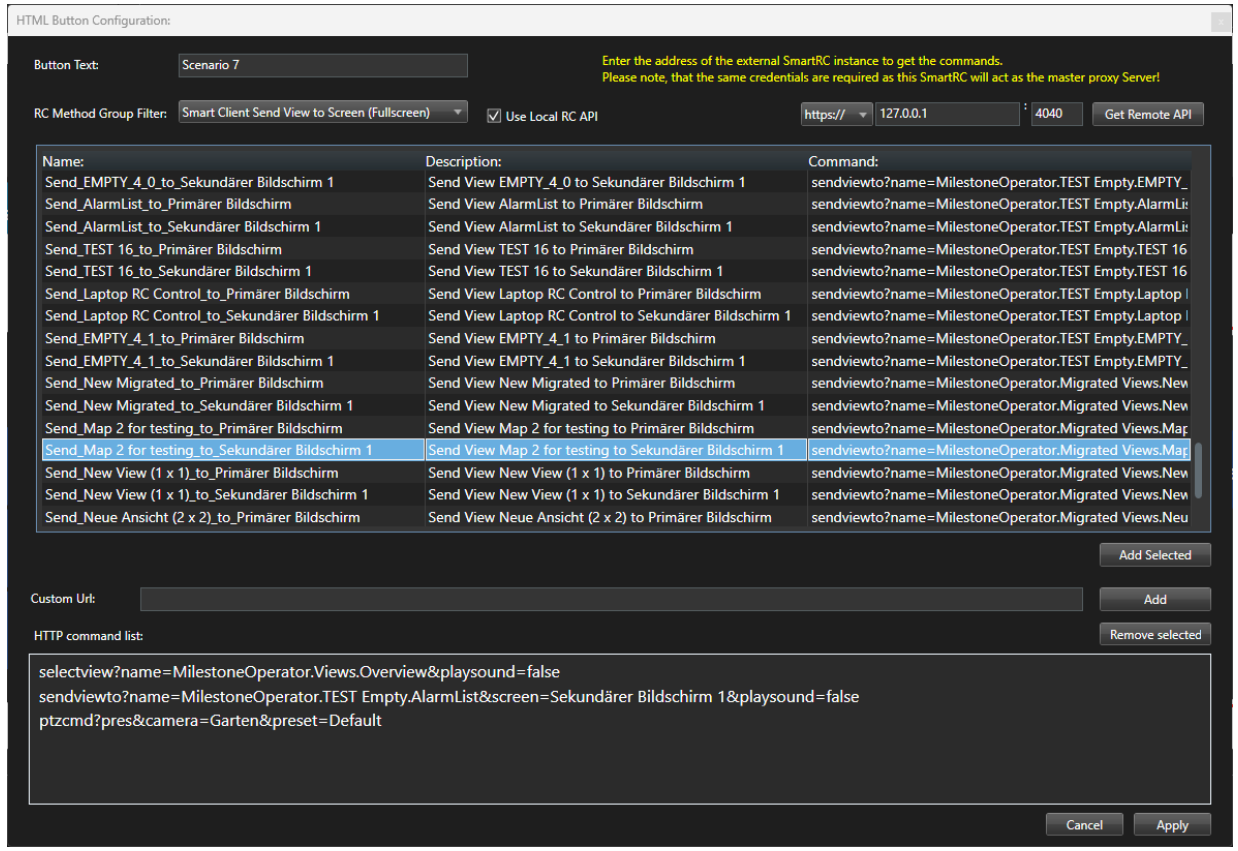
The new Built-in Panel creator allows to create webbased control panels which can be used to control the Smart Client.

- Generate a web-based control panel with a customizable layout.
- Allows the creation of multiple pages within the control panel, each with distinct panels.
- Each page panel can be customized with any number of buttons, organized in user-defined columns.



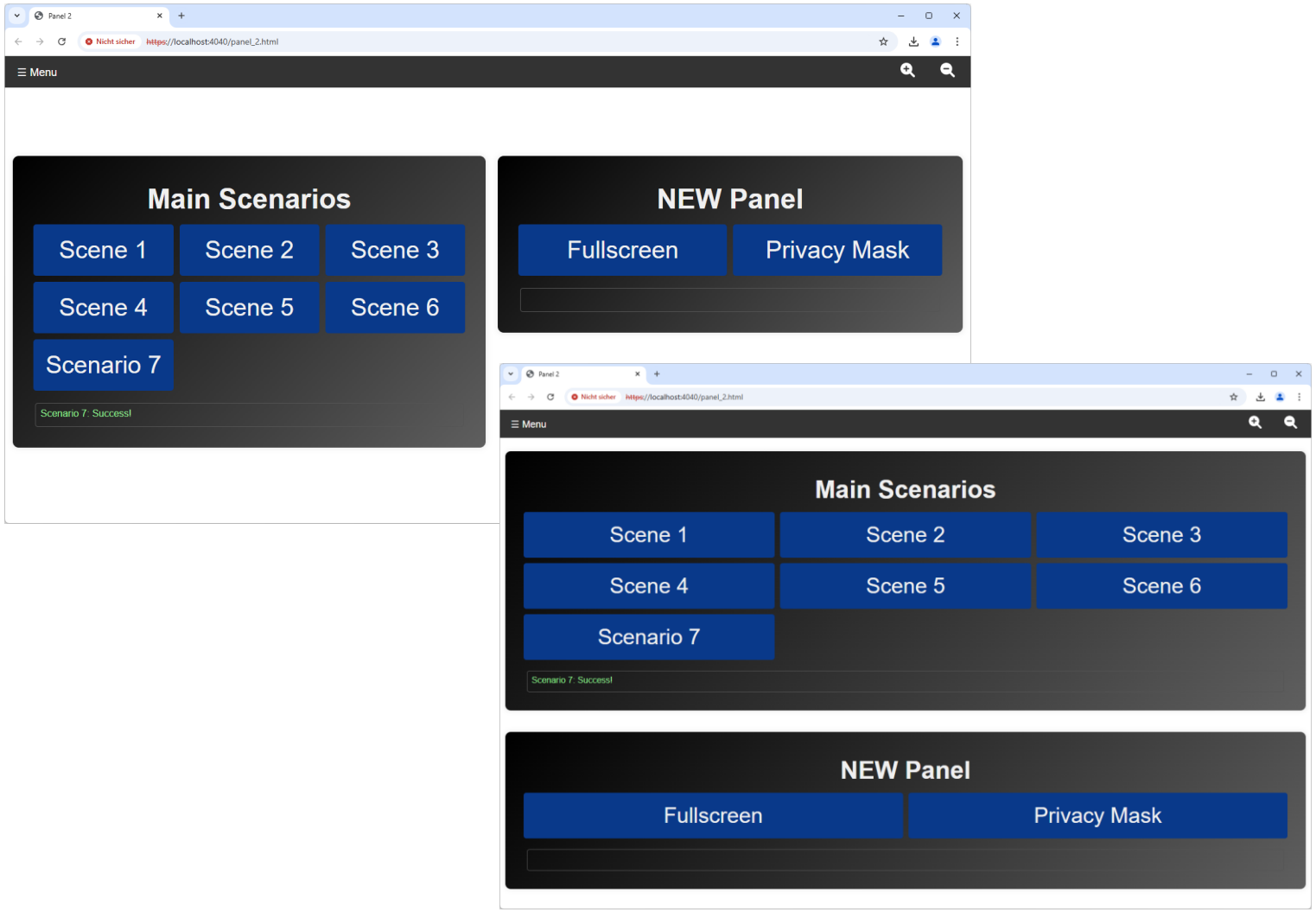
SMART RC – BUILT-IN WEB PANEL CREATOR

- Assign HTTP commands to each button, sourced from the HTTP API list organized by functional groups.
- Supports adding multiple commands to a single button for complex operations.
- In addition to HTTP commands, users can add their own custom URLs behind buttons.
- Enables control of multiple Smart Clients from a single "master" Smart Client, centralizing commands from different sources.



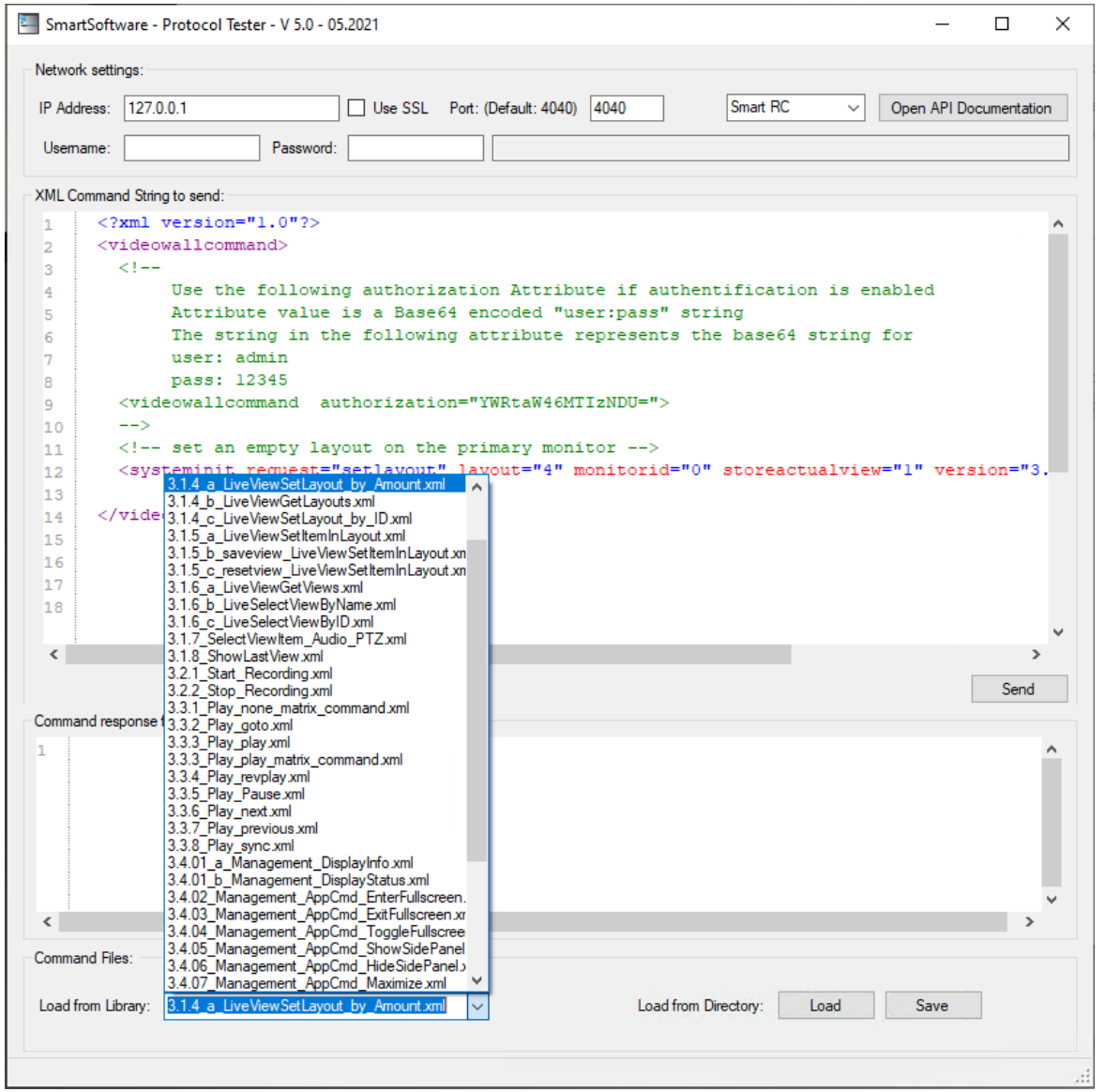
SMART RC – BUILT-IN WEB PANEL CREATOR

- Each device (e.g., PC or tablet) can store its own scaling and layout preferences, ensuring an optimized control panel experience tailored to different screen sizes and devices.



SMART RC ADDITIONAL CONTROLS (ON DEMAND)

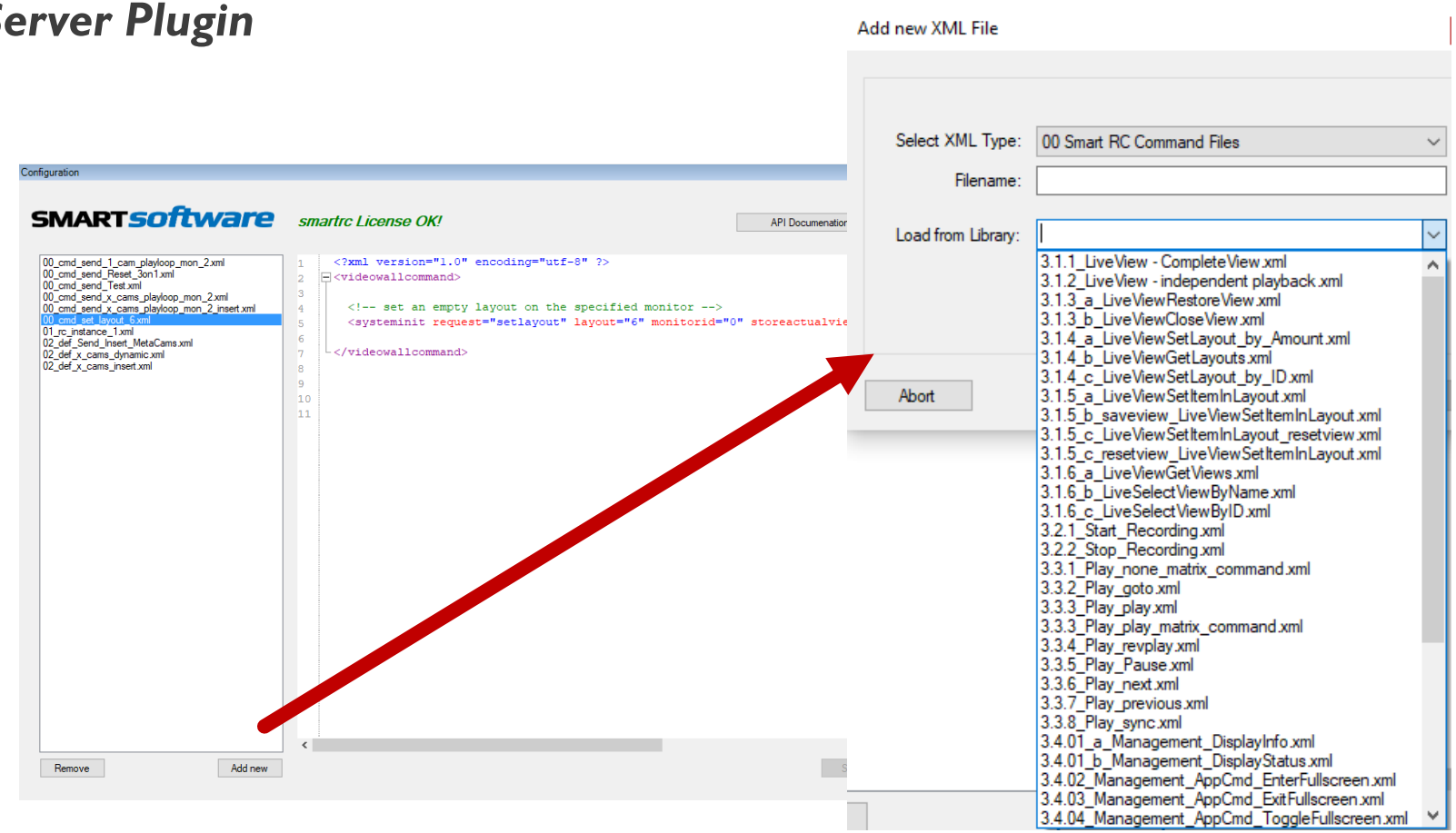
- API Protocol testing Tool available upon request
- Fully documented XML API
- Advanced Features including Evidence Lock and Export
- Shorter development Time for custom video control applications



SMART RC ADDITIONAL CONTROLS (ON DEMAND)

Smart RC XML TCP Sender Event Server Plugin

- Using Advanced XML API and Action Rules
  - Direct access to the API
  - Divided in CMD (00_) and Target (01_) files
  - Supports combined definition Files (02)
- … Ideas are welcome as usual?



SMART RC ADDITIONAL CONTROLS (ON DEMAND)

NEW

Smart RC Display Control Smart Client Plugin

- External Display Control UI (like Control Room)
- Control Remote Smart Clients by Drag and Drop Views or Cameras from the selection Tree or XProtect Map
- Preview of shown elements
- Live Stream of Monitor instead of Gridview
- Simple Mouse and Keyboard control of the Remote-controlled Smart Client

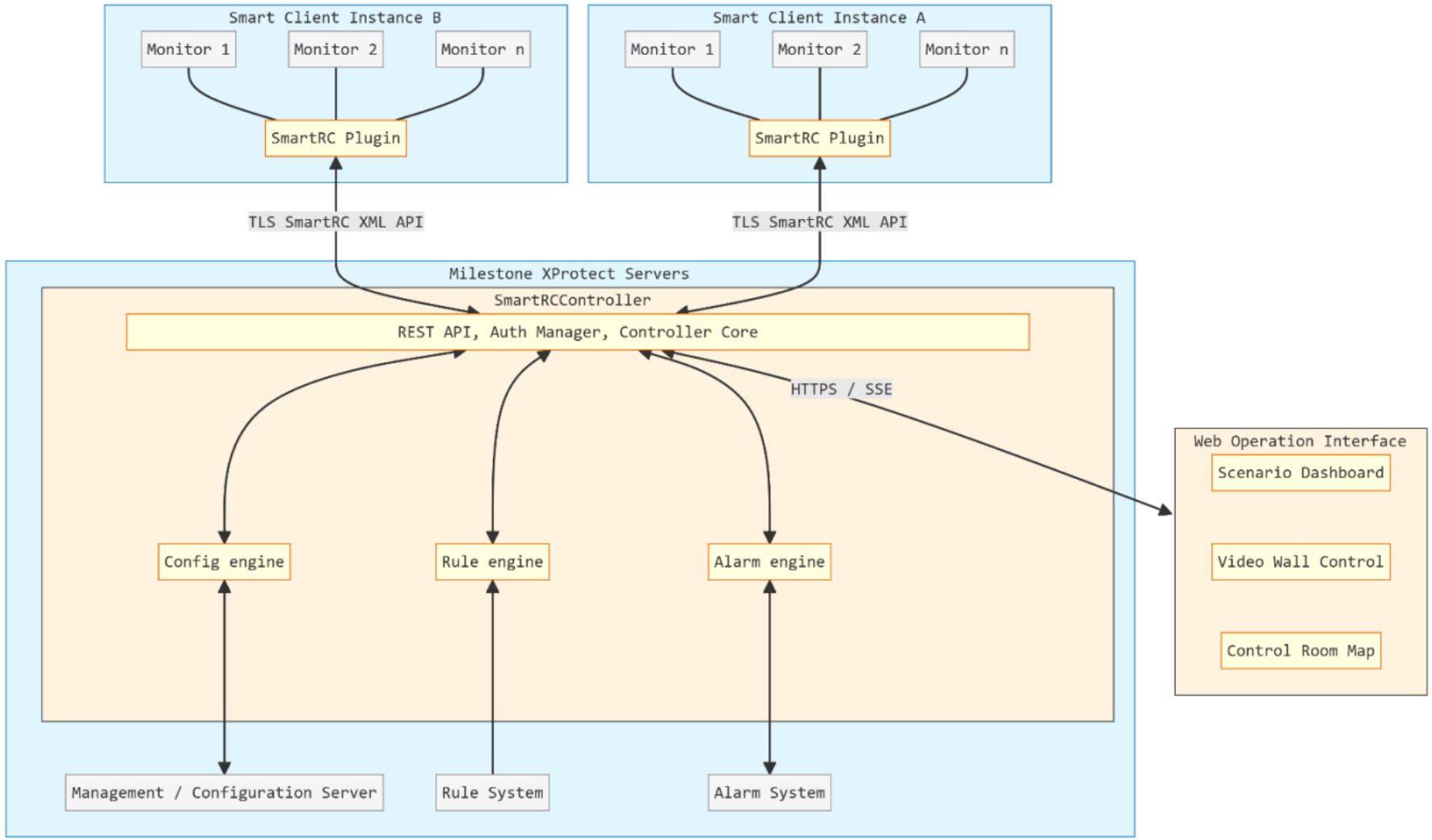


SMARTrc CONTROLLER

SOMETIMES YOU HAVE TO TAKE TOTAL CONTROL… YOUR CONTROL ROOM, UNLEASHED.



SMART RC CONTROLLER ARCHITECTURE



SMART RC CONTROLLER
CENTRALIZED MANAGEMENT & SERVER INTEGRATION

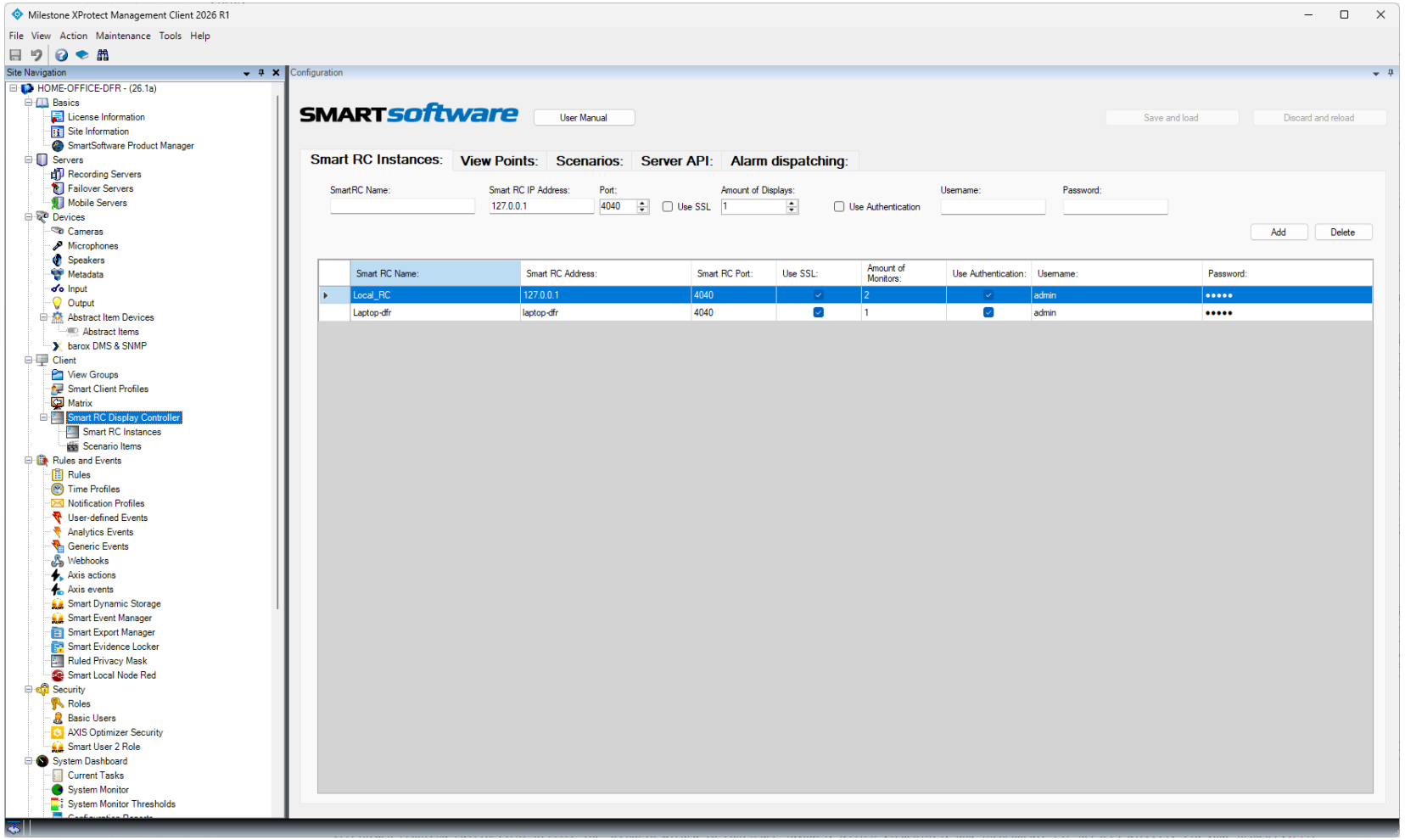
- The Smart RC Controller acts as the powerful Event Server backend for your entire Smart RC ecosystem, configured directly via the Milestone Management Client.

- It natively integrates into the Milestone Rule System to trigger preconfigured Scenarios, pass dynamic alarm/meta cameras to ViewPoints inside a Scenario, or execute Reset actions.

- Furthermore, it allows you to register and monitor the connection state of all your Smart RC instances globally from a single interface.

SMART RC CONTROLLER
CENTRALIZED MANAGEMENT & SERVER INTEGRATION

- Native Milestone Rule System integration
- Secure REST/gRPC API with Open API YAML
- Centralized Smart RC instance monitoring
- Extended Plugin Accounts for parallel authentication of the Frontend



SMART RC CONTROLLER
SCENARIO-BASED AUTOMATION

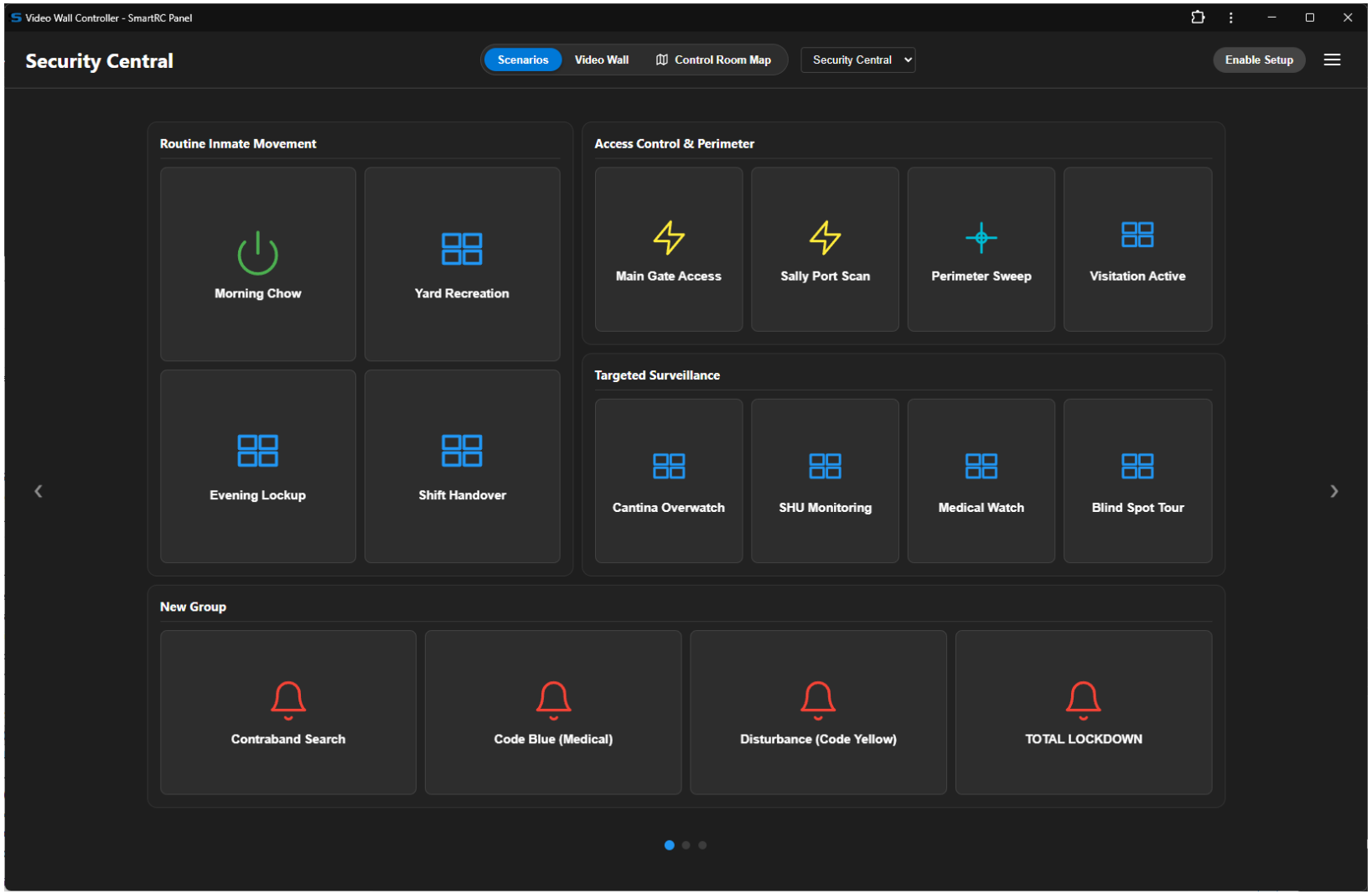
- The Smart RC Controller operates using Scenarios—preconfigured automation routines designed to be triggered from the Milestone Rule System, manually from the Web Frontend, or by defined Alarms matching the configured filters.

- Using the built-in Scenario Wizard, you can easily configure complex layouts, assign ViewPoints, and incorporate PTZ presets and different Actions like http GET / POST or Event triggers.

- You can even design dynamic Scenarios with camera placeholders that automatically populate based on rule triggers or alarms, and deploy these as customized, role-based dashboards to specific users.

SMART RC CONTROLLER SCENARIO-BASED AUTOMATION

- Dynamic camera placeholders populated by rules or alarms
- Web-based Scenario Wizard for easy configuration
- Customized role-based dashboards for operators
- Direct triggering via Milestone events or alarms



SMART RC CONTROLLER
INTEGRATED VIDEO WALL MANAGEMENT

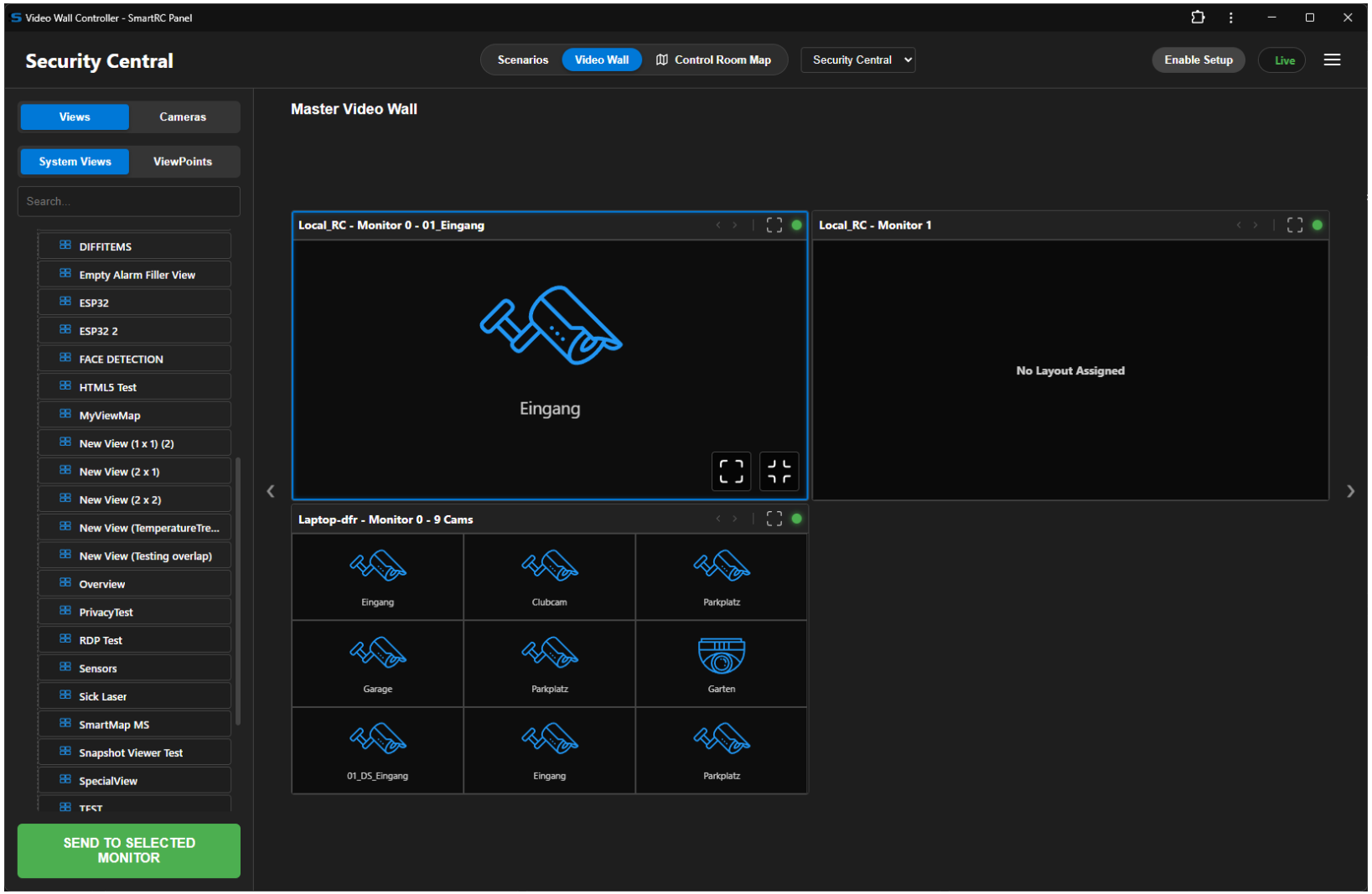
- Construct custom control interfaces to manage physical video walls, with support for multiple, dedicated wall controls tailored to different operational areas.

- The tile-based interaction allows you to select, maximize, or jump to PTZ presets on physical monitors directly from your web dashboard.

- You can drag-and-drop system views, cameras, or dynamic ViewPoints to instantly update active wall layouts, and easily enter Focus Mode to review recorded footage using integrated playback controls.

SMART RC CONTROLLER
INTEGRATED VIDEO WALL MANAGEMENT

- Multiple dedicated wall controls for different areas
- Tile-based interaction for direct monitor control
- Drag-and-drop layout configuration Focus Mode with integrated playback controls



SMART RC CONTROLLER
INTERACTIVE CONTROL ROOM MAPS

- Digitize your facility with interactive floor plans that allow for seamless navigation, device status monitoring, and hardware control.

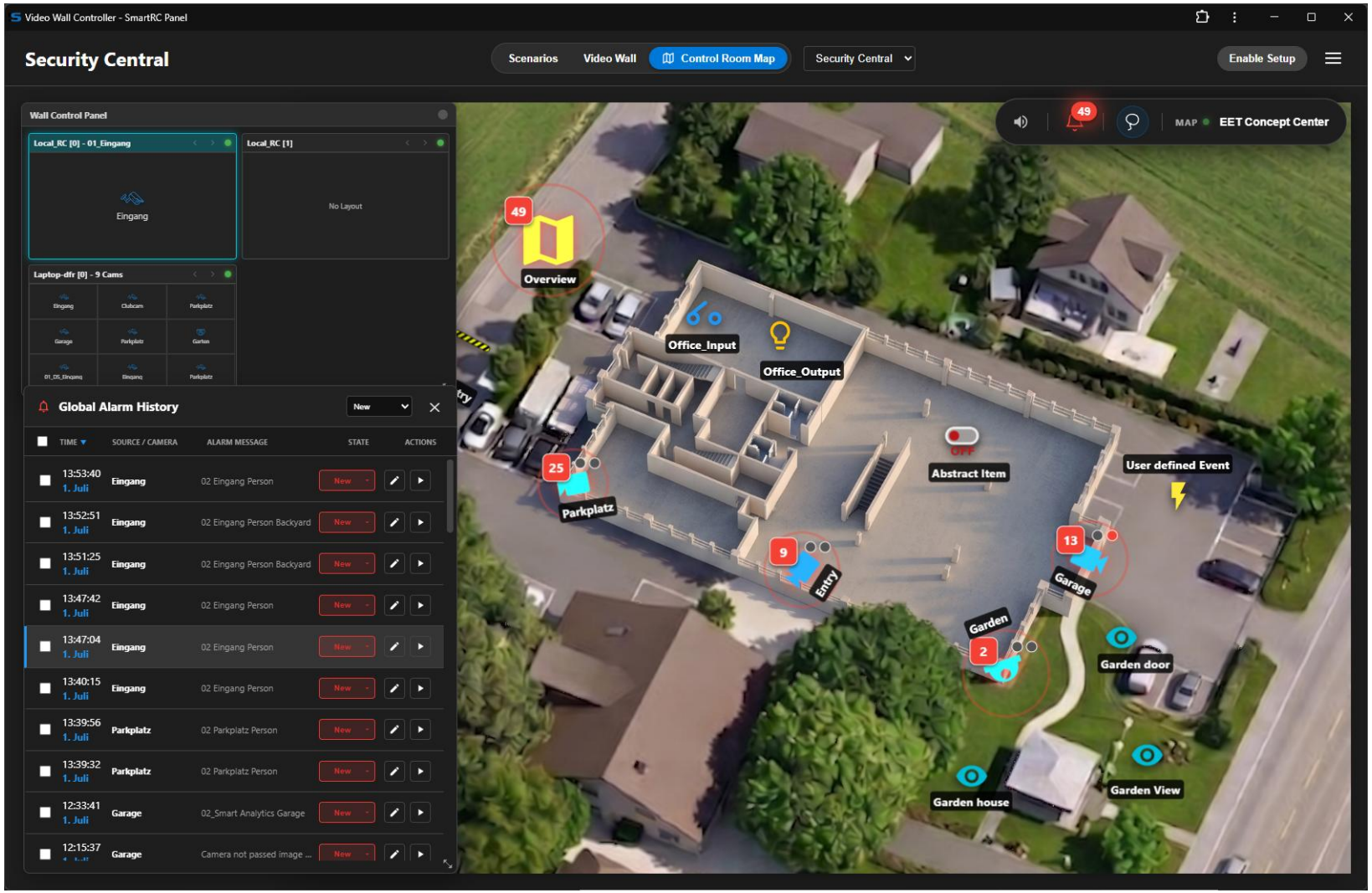
- You can use Map Links to instantly switch between different facility sections, click directly on map assets to trigger outputs like doors or lights, and right-click camera icons to access PTZ presets.

- It also features a Global Alarm Inspector to quickly triage system alerts, view high-res snapshots, and push alarm playback directly to your target Video Wall.

- Users of an existing Smart Control Room Interface can easily migrate to the SmartRC Controller Web Version by importing the xml backup file

SMART RC CONTROLLER
INTERACTIVE CONTROL ROOM MAPS

- Digital navigation across multiple floor plans
- Interactive control for hardware outputs and inputs
- Live visual status updates and PTZ access
- Global Alarm Inspector with direct Video Wall push



SMART software

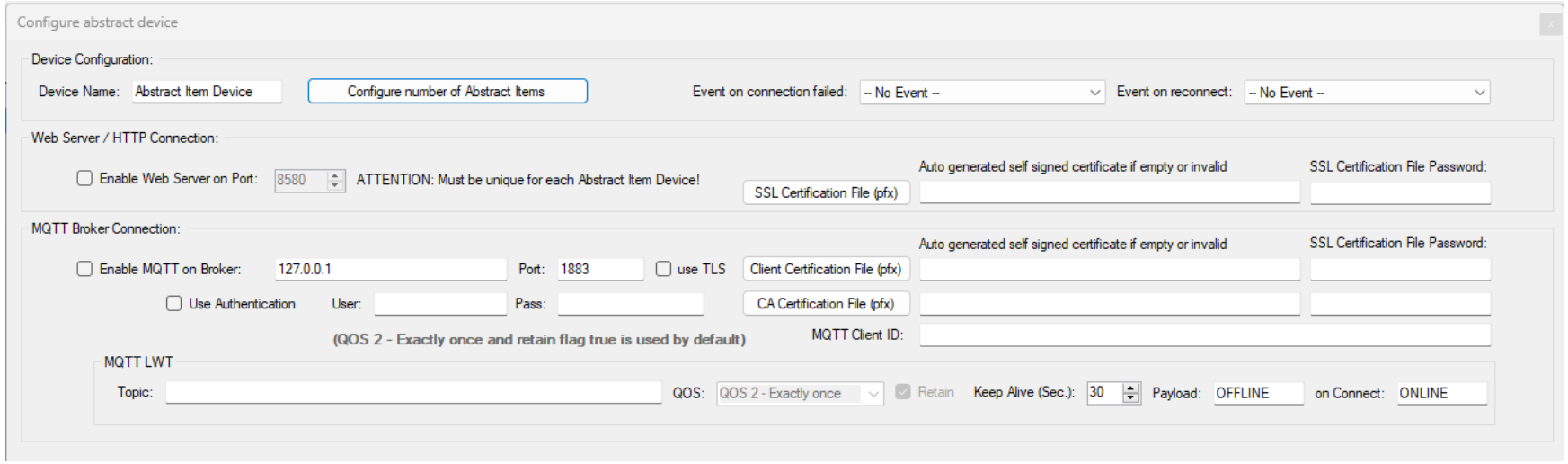
SMART abstract item

SOMETIMES YOU NEED MORE…



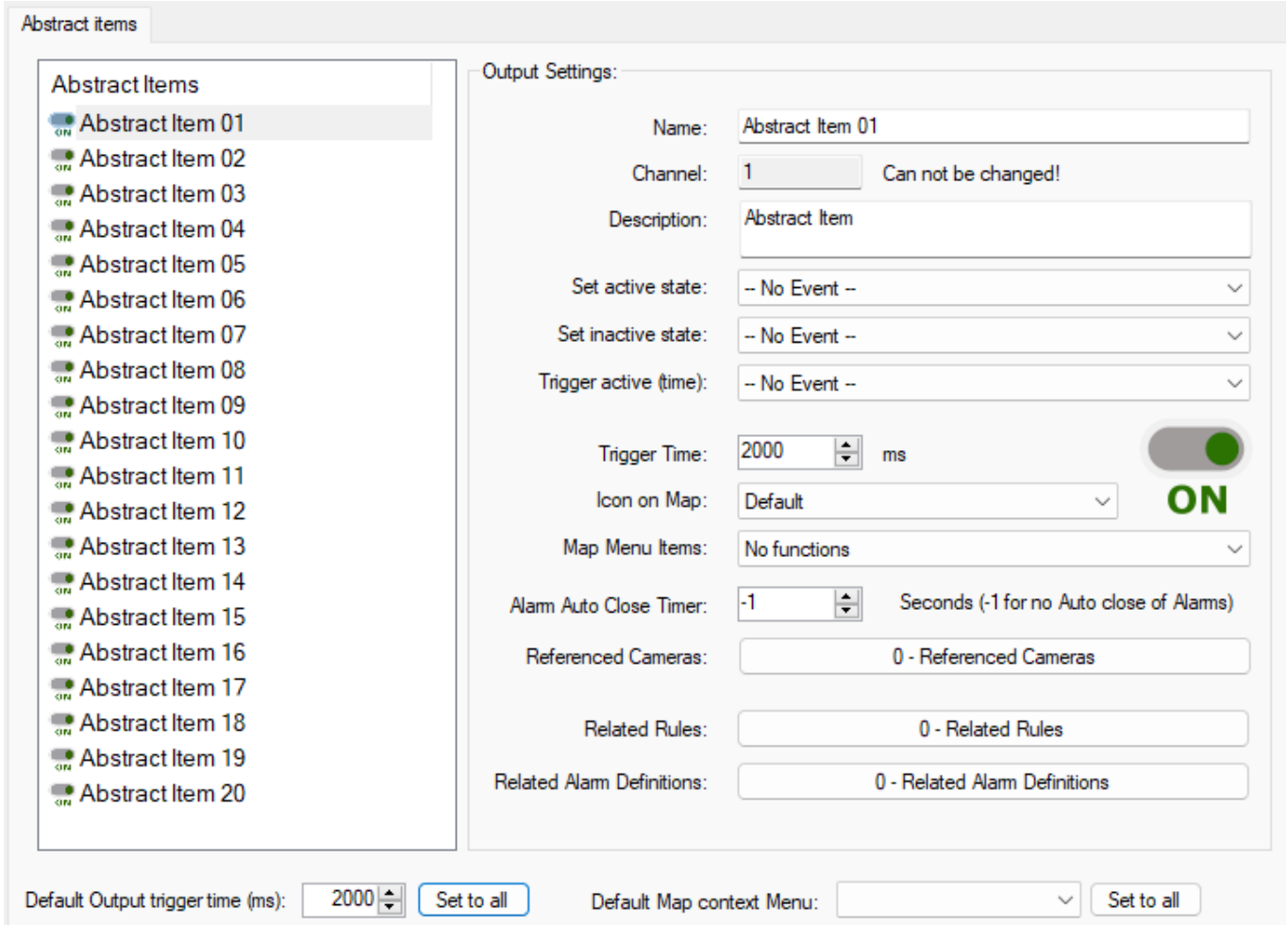
ABSTRACT ITEM - EVENT SERVER PLUGIN

- Abstract Item is a powerful Event Server plugin designed to extend automation and monitoring capabilities by enabling seamless integration with third-party systems and enhancing visualization and control within the Smart Client.
- Designed to work beyond the standard product's features, this plugin empowers users to create more dynamic and interconnected workflows through support for multiple communication protocols and advanced visualization options.



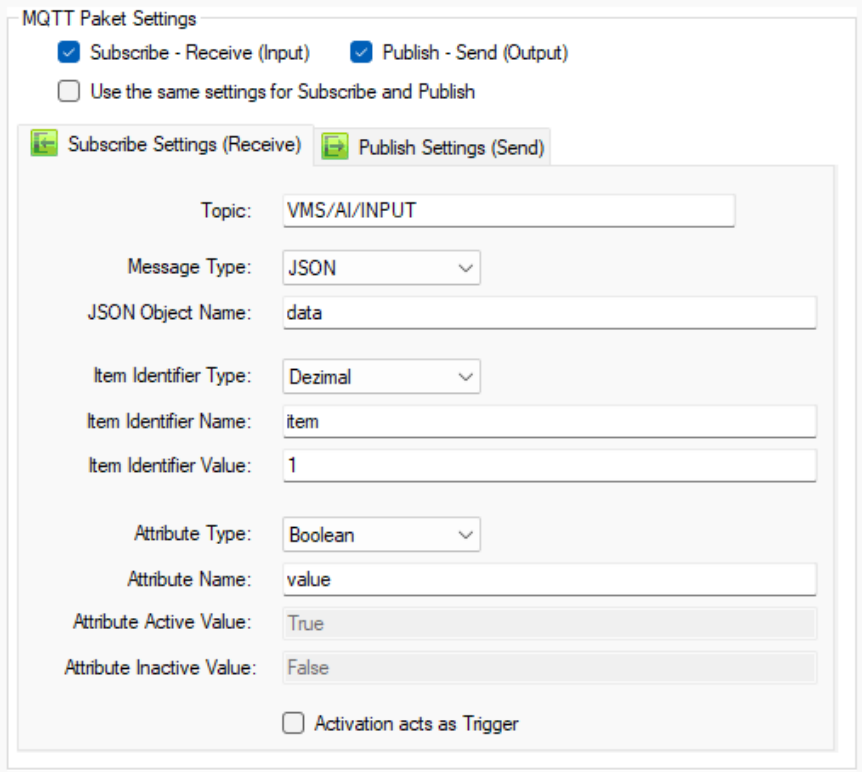
ABSTRACT ITEM - EVENT SERVER PLUGIN

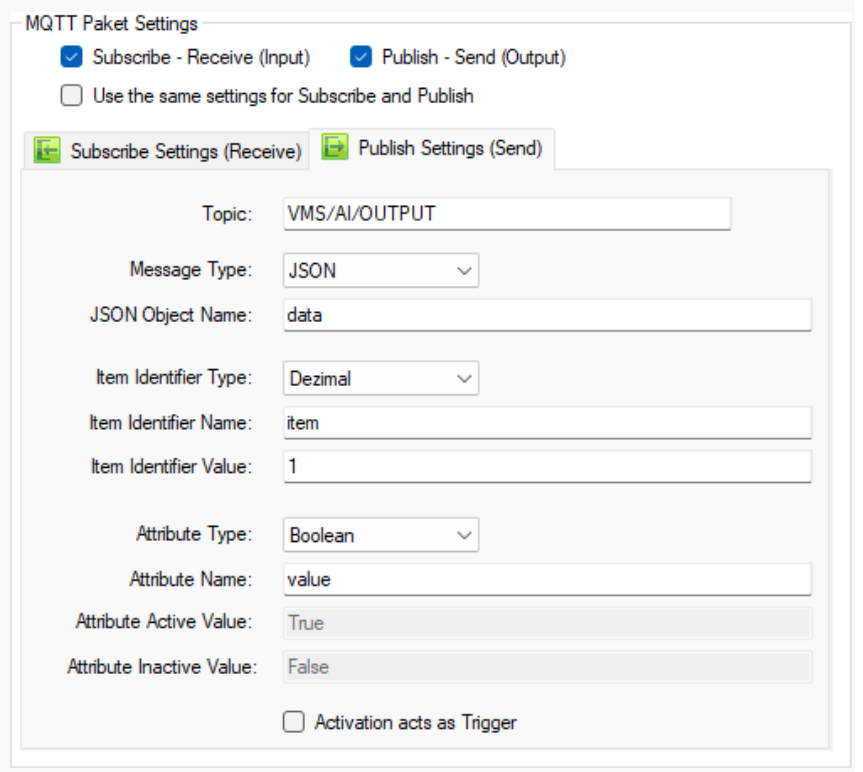
- Introduce stateful items that can interact dynamically with events, enabling integration into rules and alarm definitions for enhanced automation.
- Link abstract items with related cameras, simplifying and optimizing alarm and rule configurations by enabling camera sorting and direct association within rules and alarm definitions.
- Abstract items can be assigned to rules and alarm definitions, with their behavior dynamically tied to the enabled state of the item.



ABSTRACT ITEM - EVENT SERVER PLUGIN

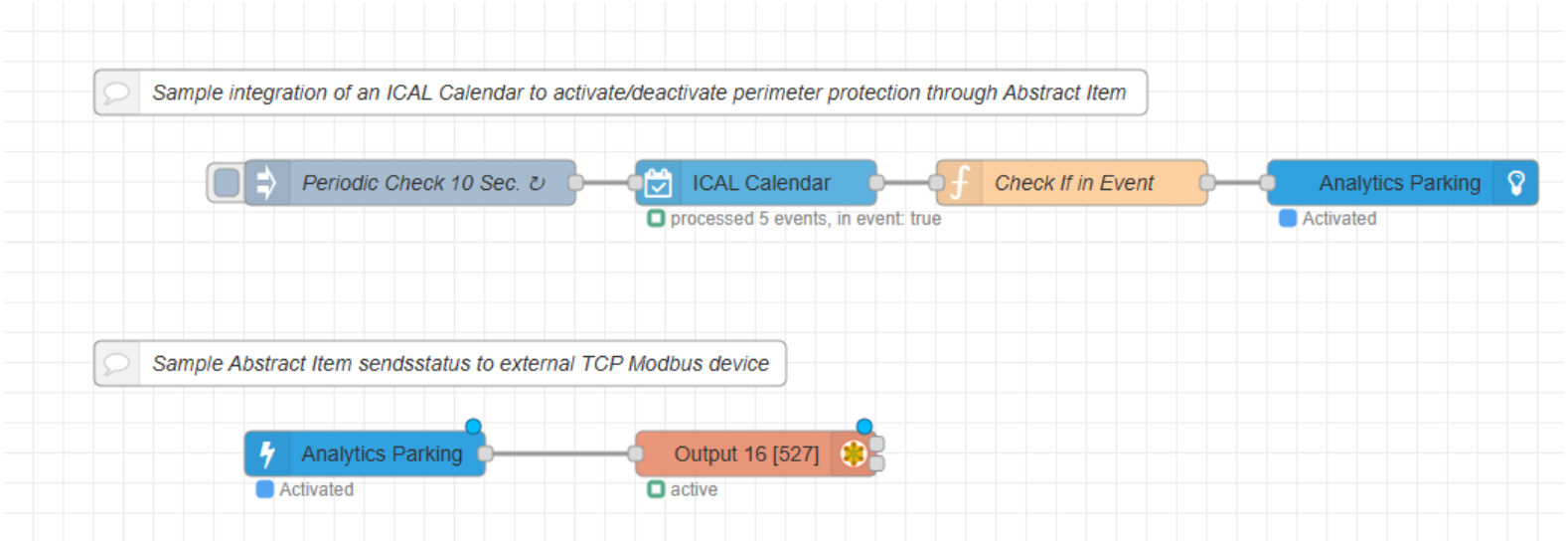
- Supports MQTT for publishing and subscribing, tailored to each individual abstract item, enabling real-time data exchange with third-party systems.





ABSTRACT ITEM - EVENT SERVER PLUGIN

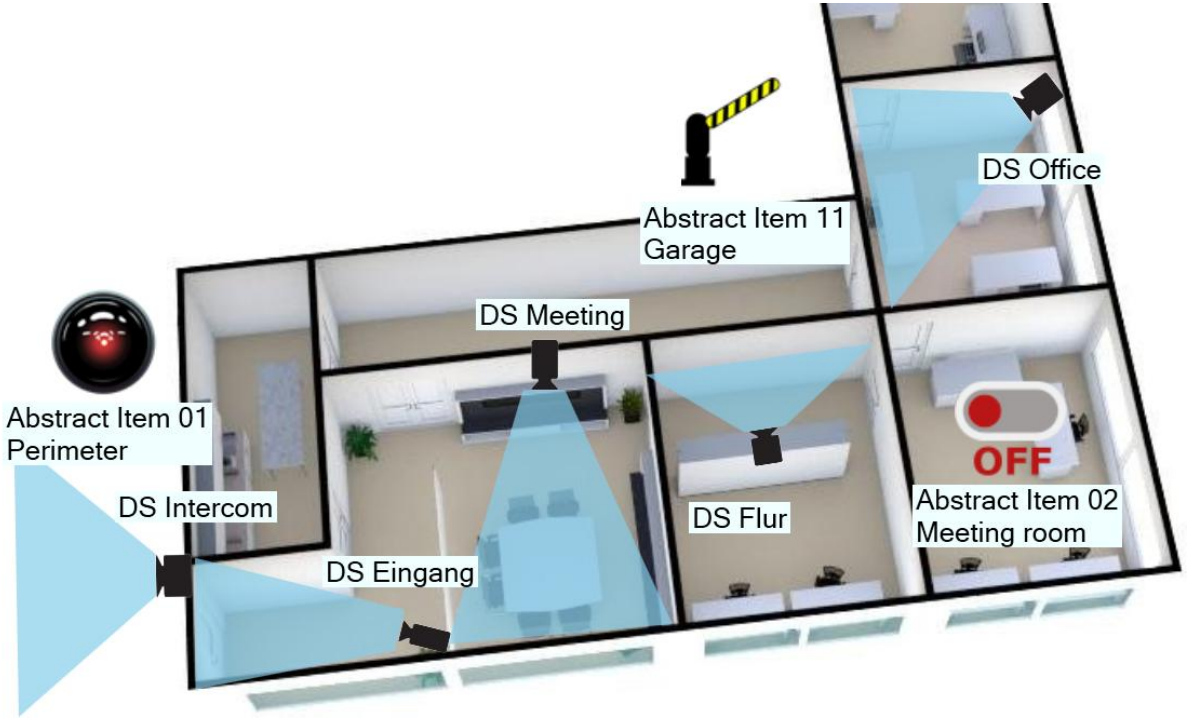
- Provides direct control of item states via web interface or service, making real-time interactions simple and effective.
- Upon request, a custom Node-RED node for seamless integration into Node-RED workflows, enhancing the potential for creating automated processes.



ABSTRACT ITEM – VISUALIZATION AND CONTROL

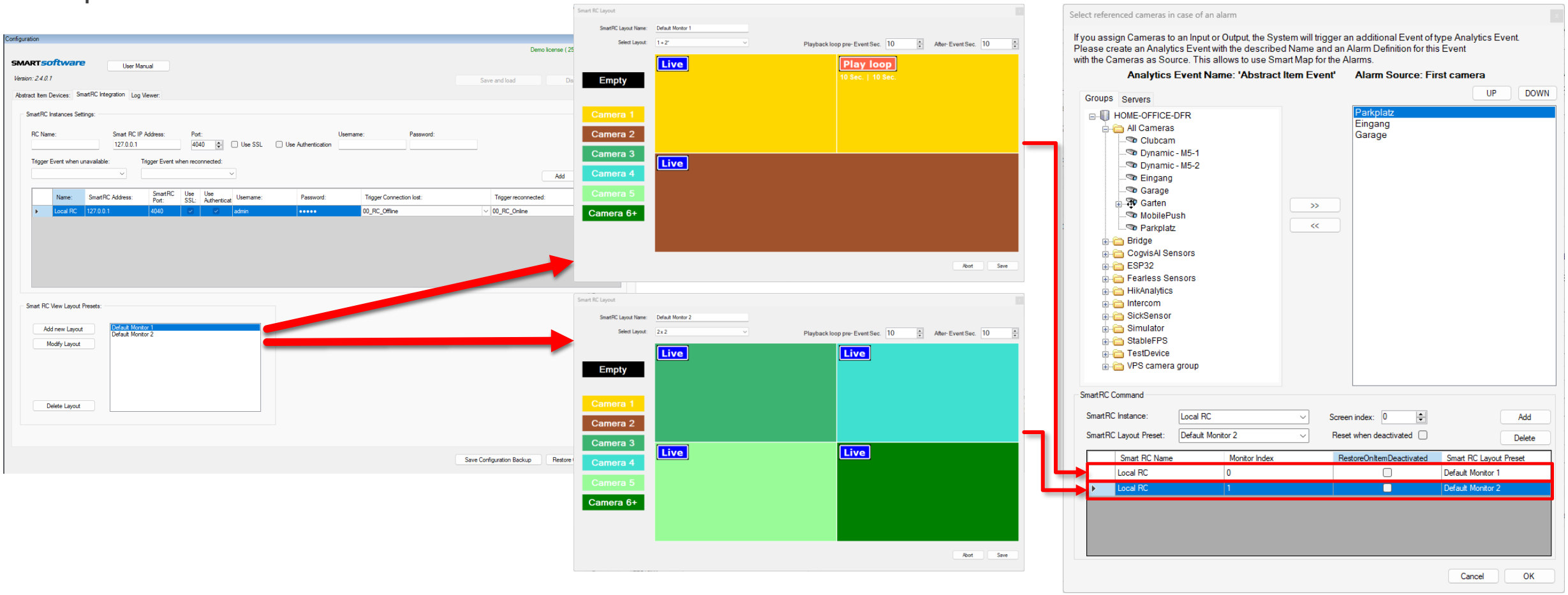
Abstract Item enhances system visibility and user interaction through advanced visualization and control features.

- Configure individual icons for activated and deactivated states, with visual representation on the Smart Client Map.
- Link abstract items with related cameras, simplifying and optimizing alarm and rule configurations by enabling camera sorting and direct association within rules and alarm definitions.



ABSTRACT ITEM – VISUALIZATION AND CONTROL

- Seamlessly integrates with Smart RC, allowing custom control of the Smart Client for tailored monitoring and operational workflows.



SMART software

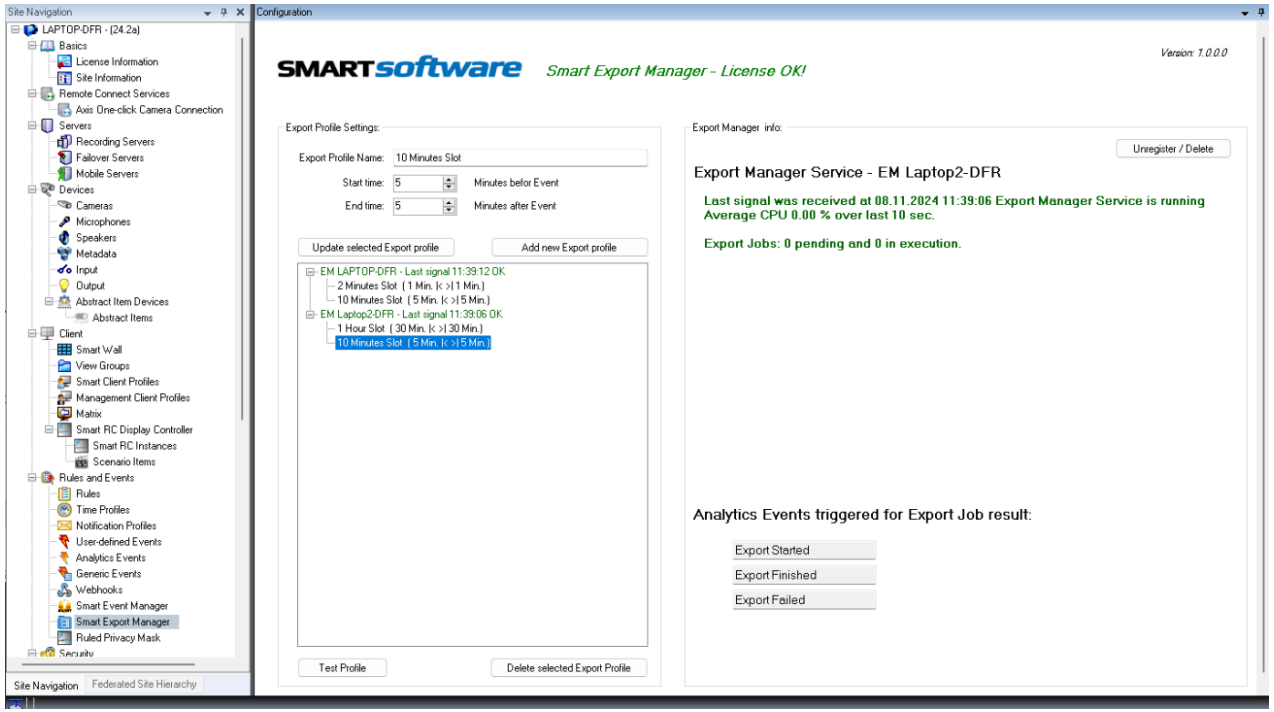
SMART export manager

AUTOMEATED EXPORTS ACTIVATED BY RULES…



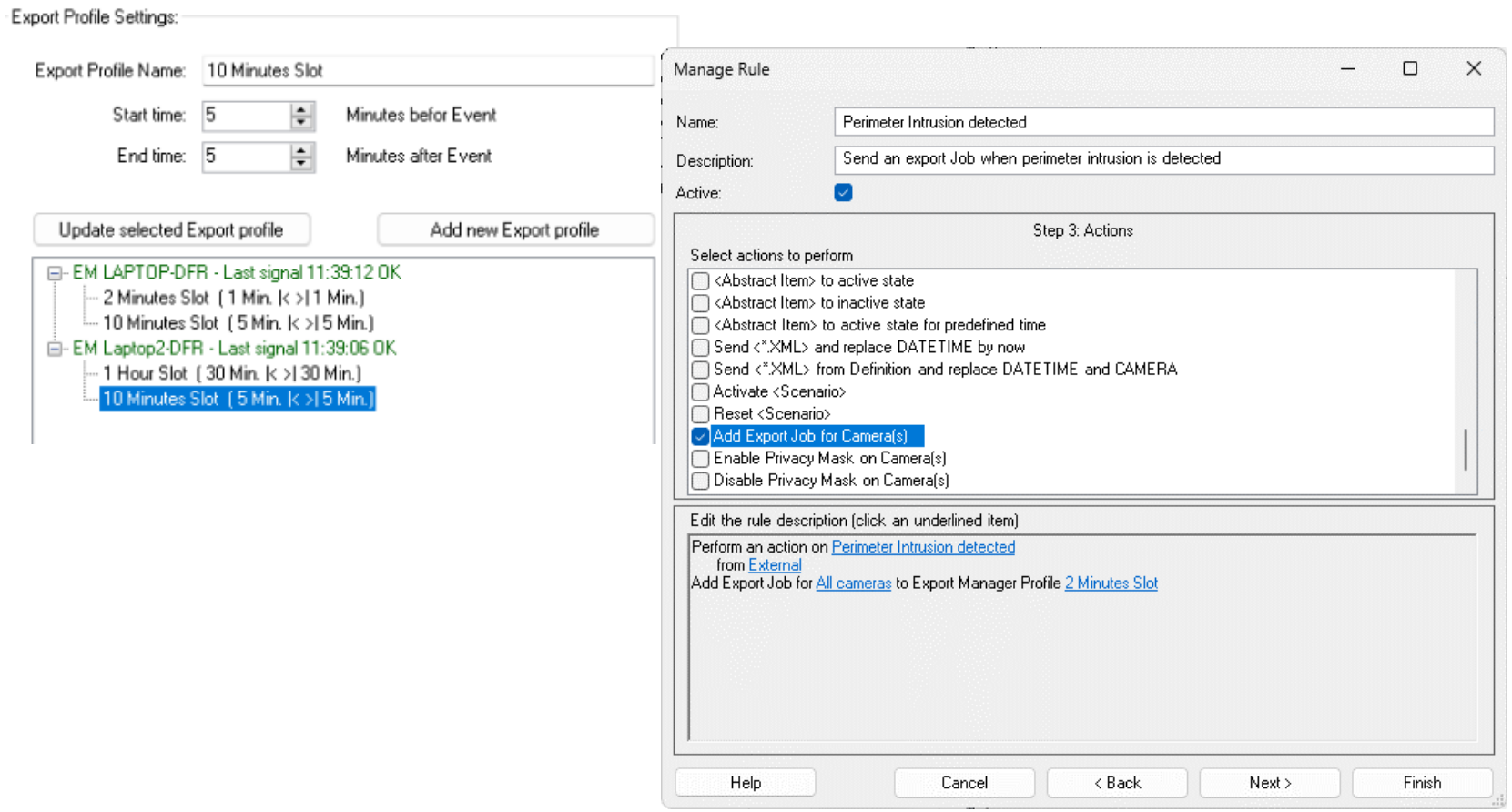
SMART EXPORT MANAGER - SYSTEM

- The Smart Export Manager System for Milestone XProtect streamlines video export processes by integrating seamlessly with the VMS platform.
- It consists of an Event Server Plugin and Windows Services, enabling automated, rule-triggered export operations.
- The Export Manager Services connects directly to Milestone Recording Servers to extract video data based on predefined parameters, ensuring efficiency and flexibility.
- Additionally, the Export Data Manager Application provides comprehensive control over exported projects, allowing users to view, manage, or delete exports as needed.



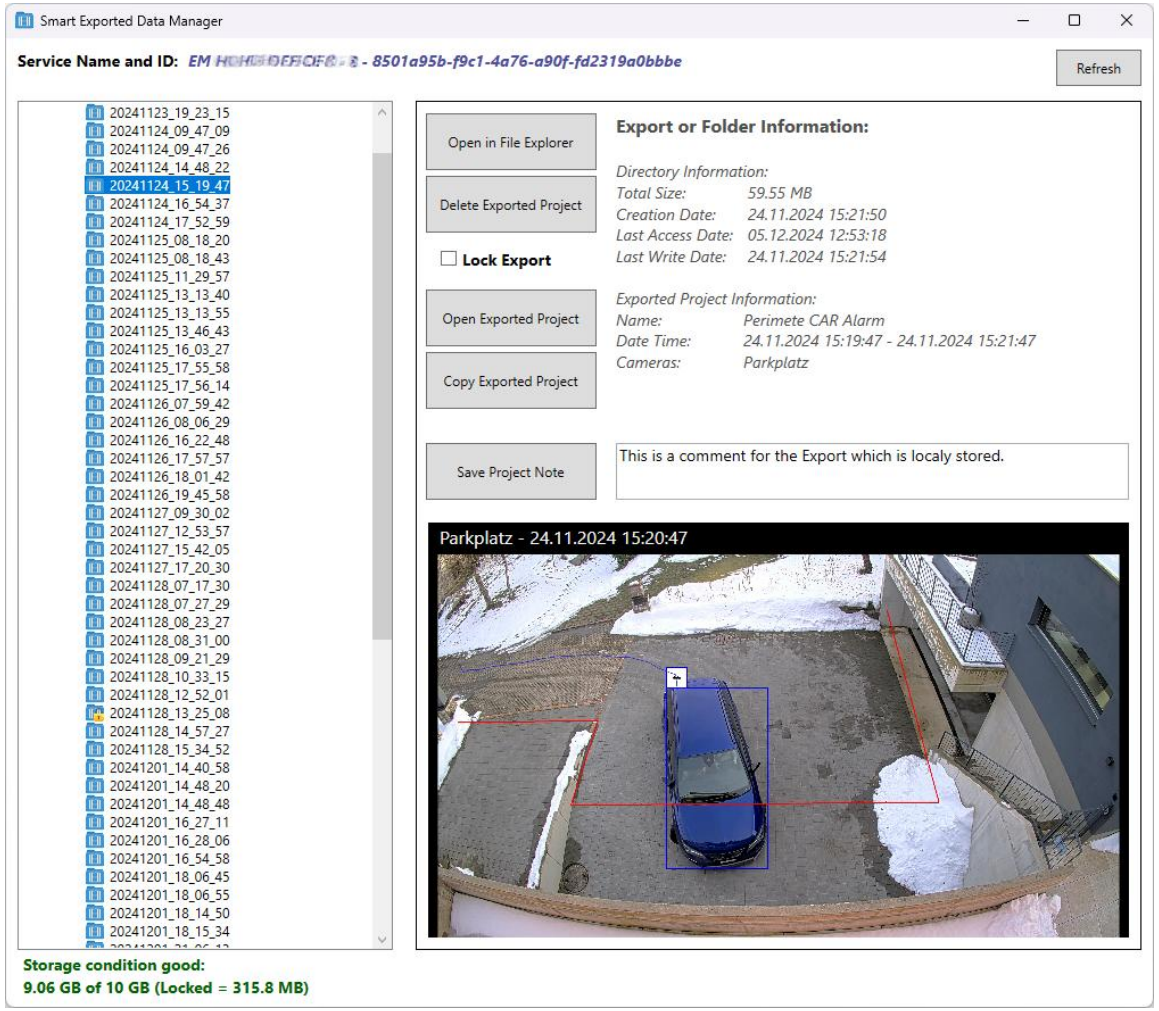
SMART EXPORT MANAGER - CONFIGURATION

- Includes an Event Server and Management Client Plugin that facilitates automated communication with the Export Manager Service.
- Export jobs are initiated based on preconfigured rules within the Milestone system, ensuring a hands-free experience.



SMART EXPORT DATA MANAGER

- The comprehensive Export Data Manager Application allows users to view, organize, and delete exported projects, ensuring full control and visibility.
- Lock Exports to avoid automatic cleanup and add comments to your Export Projects



SMART software

SMART alarm desk

SOMETIMES LESS IS MORE…



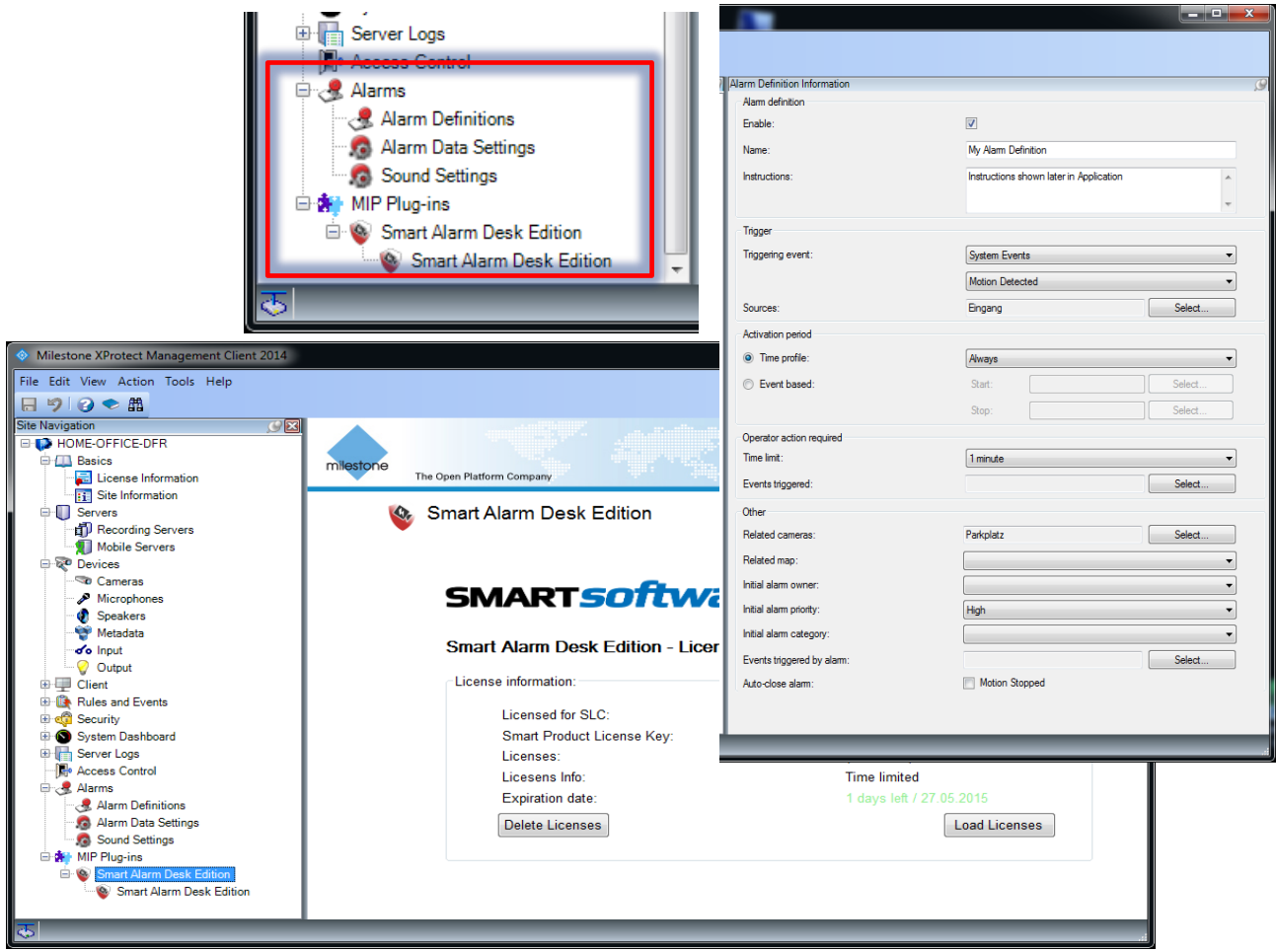
ALARM DESK EDITION - OVERVIEW

The Smart Client is a powerful tool to view Live Video and investigate in recordings. The best way to make sure the operator is well educated and knows how to use it. Sometimes this can be to much and the use case is different. A receptionist usually works with her pc. Having the Smart Client open can be to much. Alarm Desk Edition offers the following features:

- Popup functionality
- 2 Way Audio
- Alarm verification and handling
- Trigger events to open a door or similar
- Alarm List
- Easy Playback

EASY CONFIGURATION AND SIMPLE LICENSING

- Use the well-known XProtect built-in Event Server and Alarm definition capabilities
- XProtect product dependent alarm features
- Simple and central license management inside the Management Application.
- Dynamic license registration of the running Smart Alarm – Desk edition clients.
  Install as many clients as you want on different PC's.
  The application looks for free licenses and will inform you if there are actually too many instances running.
- Single point of configuration and licensing



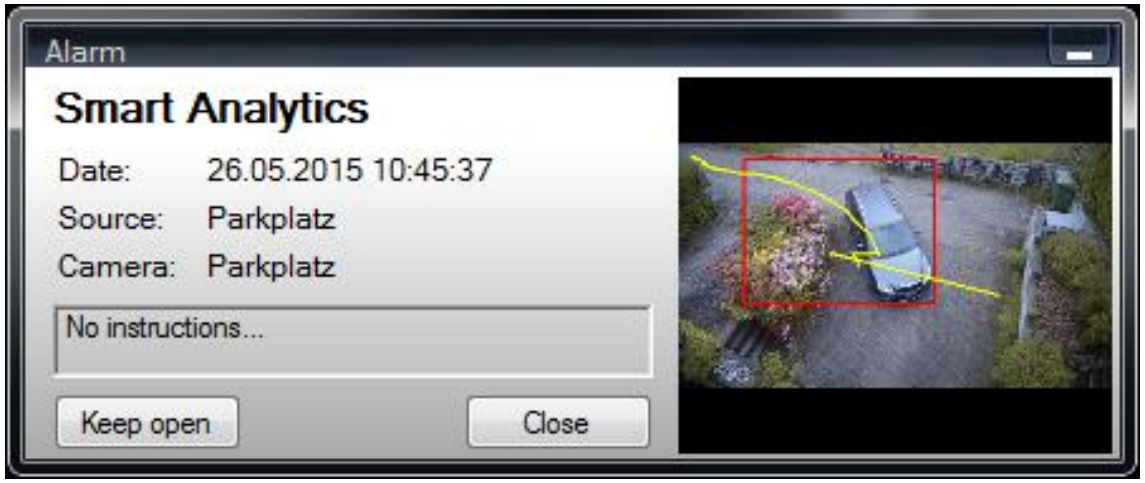
ALARM DESK EDITION POP UP CLIENT

- Easy to use
- Ideal for Desk applications
- Automatic alarm pop-up
- Alarm playback and live mode
- Dynamic multi- camera support
- Bi-directional Audio support
- Direct Output or Event triggering
- Alarm thumbnail preview with quick handling



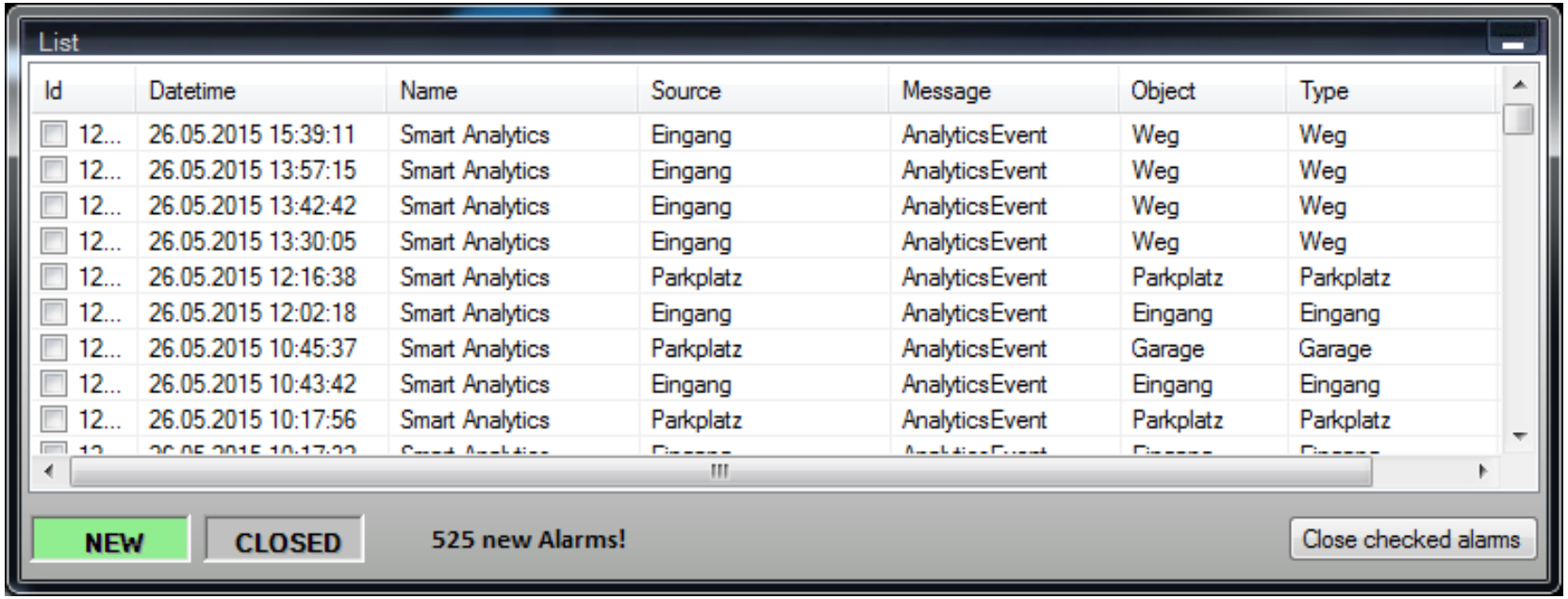
ALARM DESK EDITION ALARM PREVIEW

- Simple alarm preview when hovering over an alarm
- One click alarm playback
- Fast and simple alarm- video export
- Analytics overlay in preview



ALARM DESK EDITION ALARM LIST ON DEMAND

- Easy alarm management (dependent on XProtect product version)
- Fast access for alarm investigation
- List shown on demand



SMART software

SMART control room

MAKE YOUR SMART CLIENT SMARTER



CONTROL ROOM MODULE

The Control Room Addon for Milestone XProtect complements the Milestone VMS solution with the typical features needed in a busy video control room or Alarm center:

- Control of multiple display trough one client application.
- Multiscreen-Multimonitor Alarm handling
- Alarm List including Popup Window
- Graphical user interface
- Status information on the user interface → for example if a door is open or closed
- Map navigation

CONTROL ROOM SAMPLE

On the following slides the functionality of the control room module is shown by means of a virtual control room.

The virtual control room includes a control monitor and three remote display

The remote displays can be controlled by events or manually via the control interface

In addition, events are shown on the control display. For example via popup.



CONTROL ROOM SAMPLE



PROGRAMMABLE, GRAPHICAL USER INTERFACE

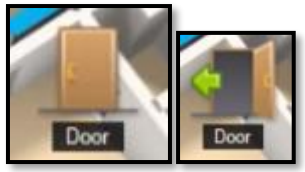


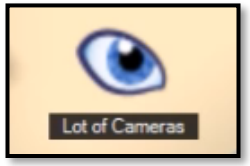




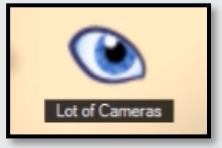
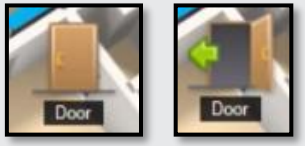




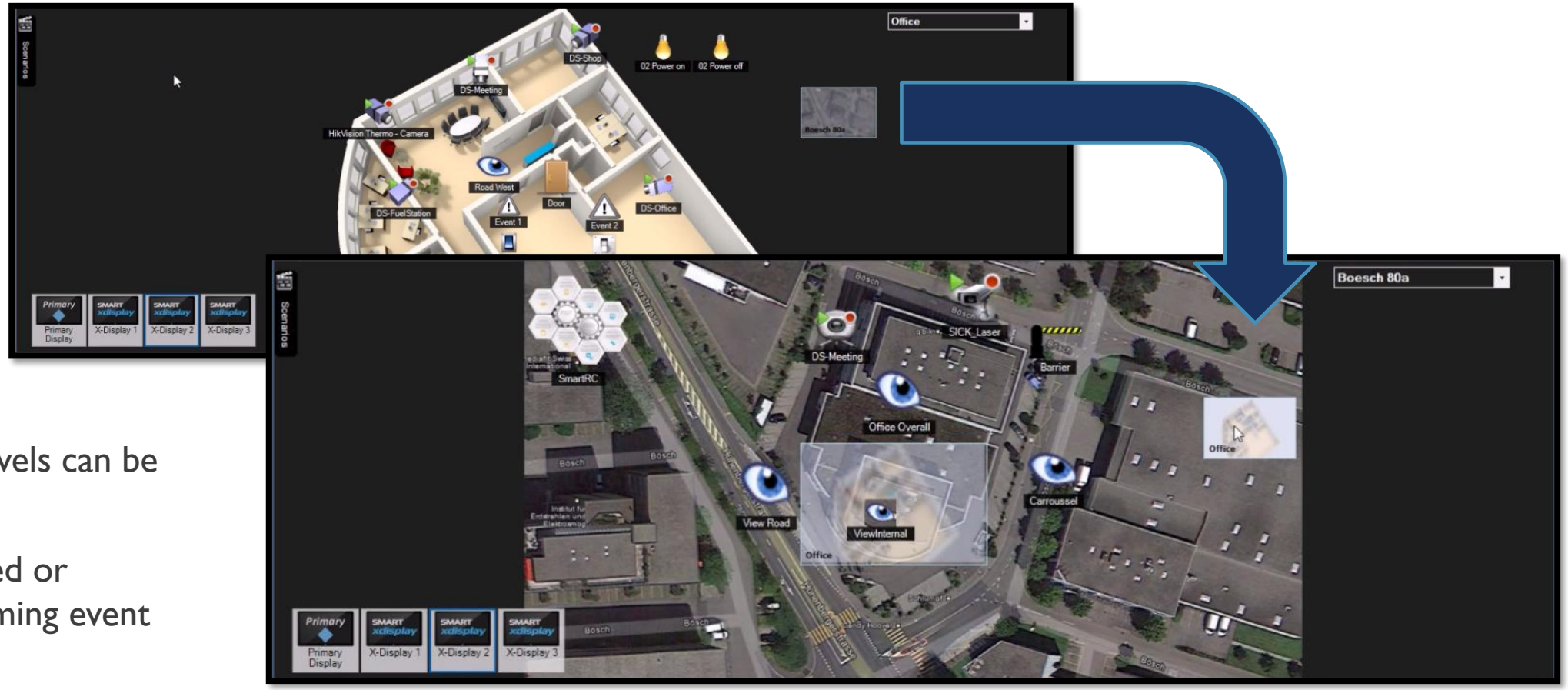




FUNCTIONAL ELEMENTS OF THE GRAPHICAL USER INTERFACE

	Camera selection and status of the cameras. By clicking on the camera icon, the camera is switched to the selected display. The green symbol indicates that the camera is in operation. The red dot indicates that the camera is recording
	The eyes represent so-called viewpoints. A group of cameras that are related to each other. A click on the symbol switches these cameras (including PTZ presets) as multiscreen to the selected display. This can also be done automatically in case of an alarm event.
	Output contacts (e.g. for controlling barriers or light) can be displayed on the surface with the aid of symbols. A click on the symbol triggers the corresponding action. The status of activated outputs is also displayed.
	Control of predefined events. Milestone allows to create user defined events. These events can have different characteristics. The icons on the graphical user interface can be used to trigger such events.
	In addition to user-defined events, contacts can also be controlled. These can be operated from output as well as input. Accordingly, they can be displayed or triggered.
	Input events can also be displayed with different symbols. For example, symbol 2 indicates that the door is open.

MAP SELECTION



Different site plan levels can be integrated.

These can be selected or activated by an incoming event

SCENARIOS



Scenarios are predefined settings and allow you to control several displays simultaneously. Basically, a multi-monitor multiscreen connection can be carried out via an event or by pressing a button.

For example, at the beginning of a work shift or in the event of repetitive incidents for example day & night mode when the operators like to see other multiscreens and presets on the PTZ cameras.

- Since version 8.x the Scenario button window can be placed on top of the Smart Client regardless of the shown view, as soon the "pin" button is pressed.

DISPLAY CONTROL

In order to operate the different displays, they are simply to be selected.

On the active display, cameras or multiscreen (viewpoints) of several cameras can be activated by clicking on them.



CAMERA FOCUS



The focus window displays the camera that currently has the focus.

This is important for example to select a PTZ camera for control or to activate the audio source of the corresponding camera (if the camera is equipped with a microphone).

MULTISCREEN CAMERA FOCUS SELECTION



If a multiscreen display is switched on, you can select a desired focus camera in the multiscreen preview image

ALARMS / ALARM HANDLING

Alarm and event processing are part of the daily business in a control room. The requirements on the system are therefore usually very high. During the development of the control room add-on many customer requirements were evaluated and incorporated into the solution. The focus is on three essential elements

Alarmlist



Group:	Priority:	Name:	Date:
Barrier Alarm	1	Barrier	08.10.2018 13:21:28
Barrier Alarm	1	Barrier	08.10.2018 12:42:01
Door Alarm	2	Door	08.10.2018 12:41:41
Manual Event	1	Event 1	08.10.2018 12:41:17
Door Alarm	2	Door	08.10.2018 12:32:36
Barrier Alarm	1	Barrier	08.10.2018 12:30:58

Popup-Window



Camera & Multiscreenselection



ALARM MONITORING

In case of an alarm, the corresponding cameras are shown to the available displays, could be in a single screen or multiscreen format depending the configuration.

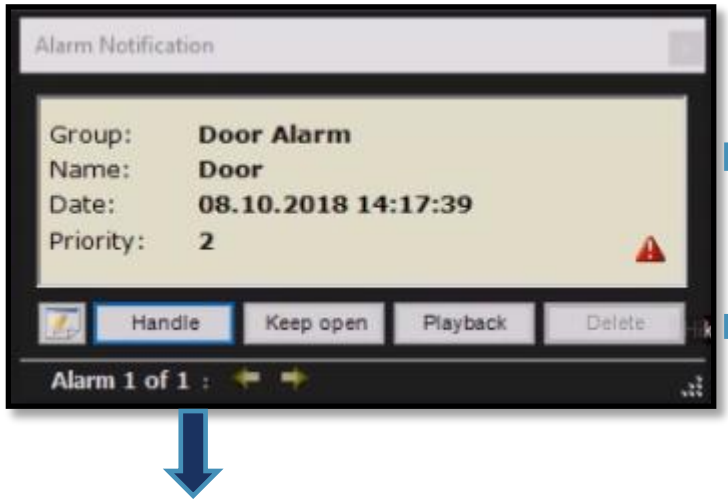
At the same time, a red entry appears in the alarm list, which changes to a neutral, green entry after successful handling.

Group:	Priority:	Name:	Date:	State:
Door Alarm	2	Door	08.10.2018 14:17:39	Unhandled / New
Barrier Alarm	1	Barrier	08.10.2018 13:21:28	Handled / closed
Barrier Alarm	1	Barrier	08.10.2018 12:42:01	Handled / closed
Door Alarm	2	Door	08.10.2018 12:41:41	Handled / closed
Manual Event	1	Event 1	08.10.2018 12:41:17	Handled / closed
Door Alarm	2	Door	08.10.2018 12:32:36	Handled / closed



ALARM POPUP

As an efficient tool a Pop-Up Window appears in case of an alarm

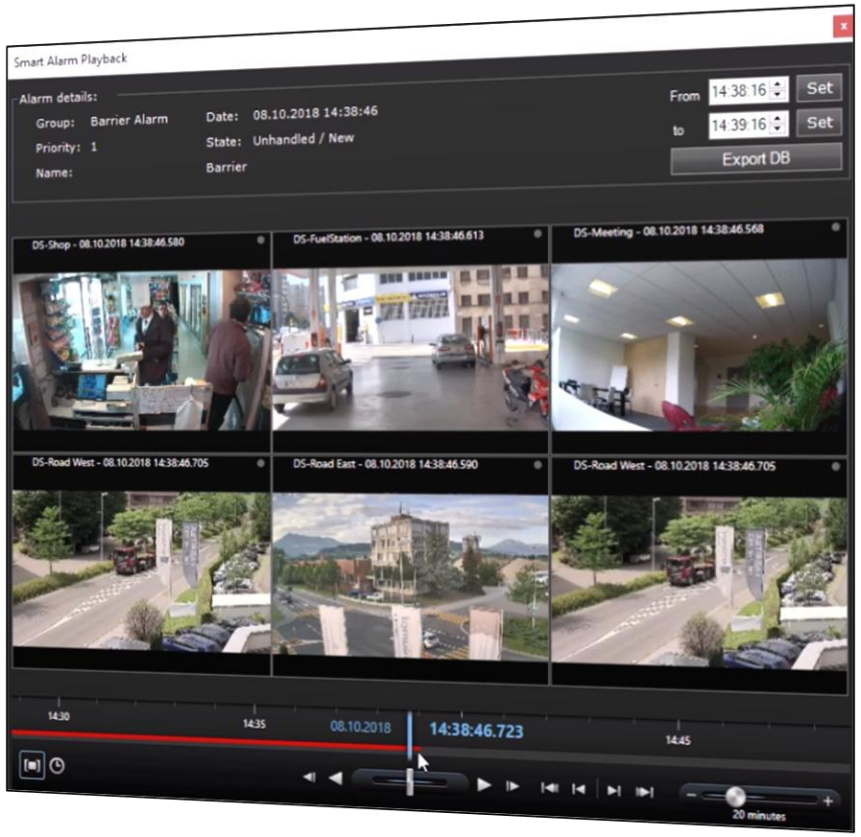


Alarminformations

Handlingoptions

(includes Playback)

Maybe other Alarms with lower priority



One Click Playback of the cameras on which this event was related to

SUMMARY

Milestone Xprotect is a state-of-the-art video management software

The open platform allows to create solutions for specific markets based on the strong Milestone Engine. Smart Software Control Room is such a solution for use in control rooms.

According the motto “from users for users", functionalities were implemented that are expected in the traditional control room environment and guarantee a fluid workflow.



CONTACT

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