

**DeepAlert XProtect Plugin**  
**DeepAlert XProtect Integration Service**  
**User and Installation Manual**

## Prerequisites

- .NET Framework 4.7.2
- A secure Milestone XProtect installation with certificates installed
- A DeepAlert account with API Token

## Milestone XProtect Plugins

The DeepAlert XProtect Plugin installer must be run on each of the PCs (if different) which will be running the following Milestone XProtect components: Event Server, Management Client, Smart Client

## Plugin installation

1. Run the DeepAlert XProtect Plugin installer
2. Restart XProtect Event Server service
3. Restart any running XProtect Management Client or XProtect Smart Client applications

NOTE: Plugins must be installed to either of the following locations:

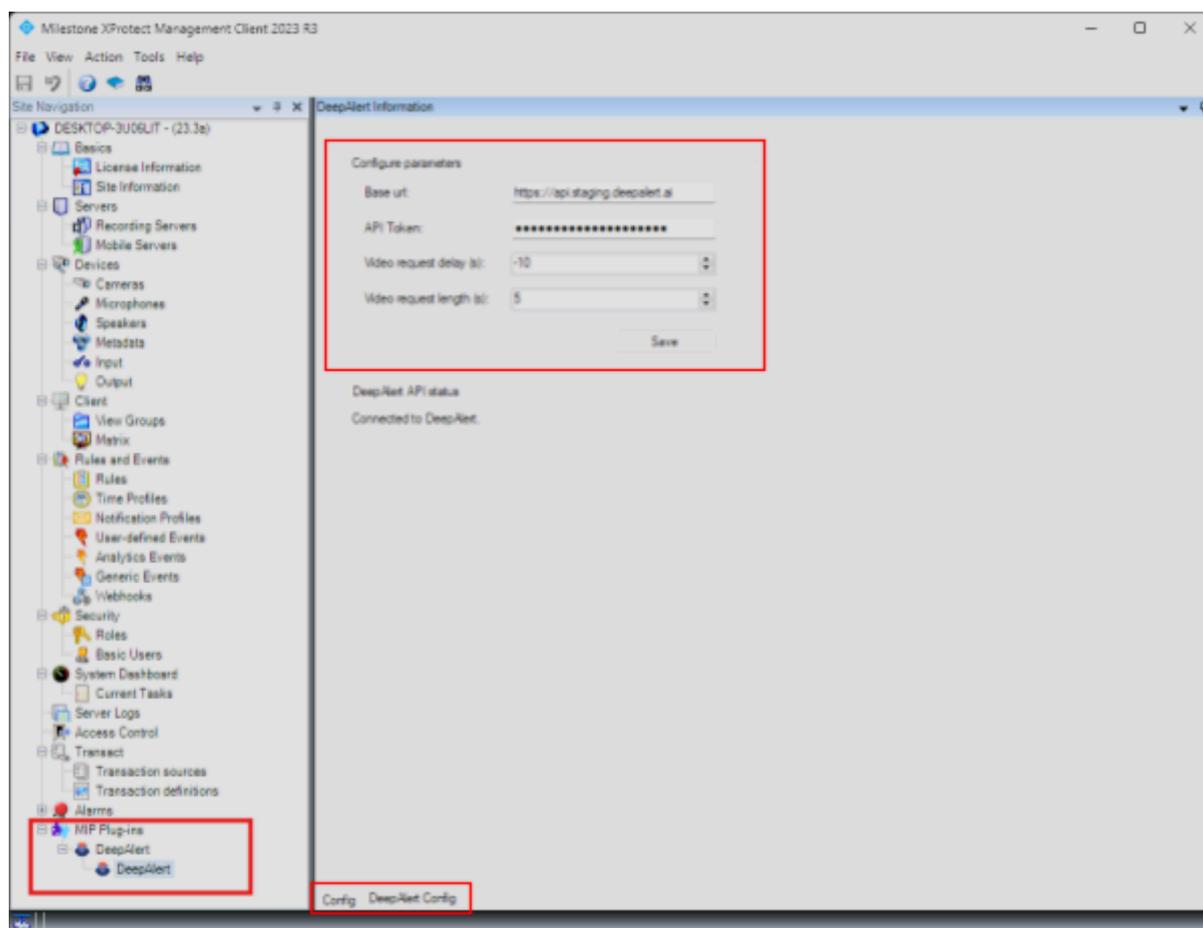
- C:\Program Files\VideoOS\MIPPlugins
- C:\Program Files\Milestone\MIPPlugins

## Service Installation

1. Run the DeepAlert XProtect Integration Service installer
2. Update the URL of the XProtect server in DeepAlert.exe.config
3. Restart the DeepAlert XProtect Integration Service

## Configuring the DeepAlert XProtect integration

1. Open the XProtect Management Client and select the DeepAlert plugin under MIP Plug-ins in the configuration tree.
2. Configure the parameters and press the Save.
3. If the connectivity parameters are correct, the DeepAlert API status should update to “*Connected to DeepAlert*”.



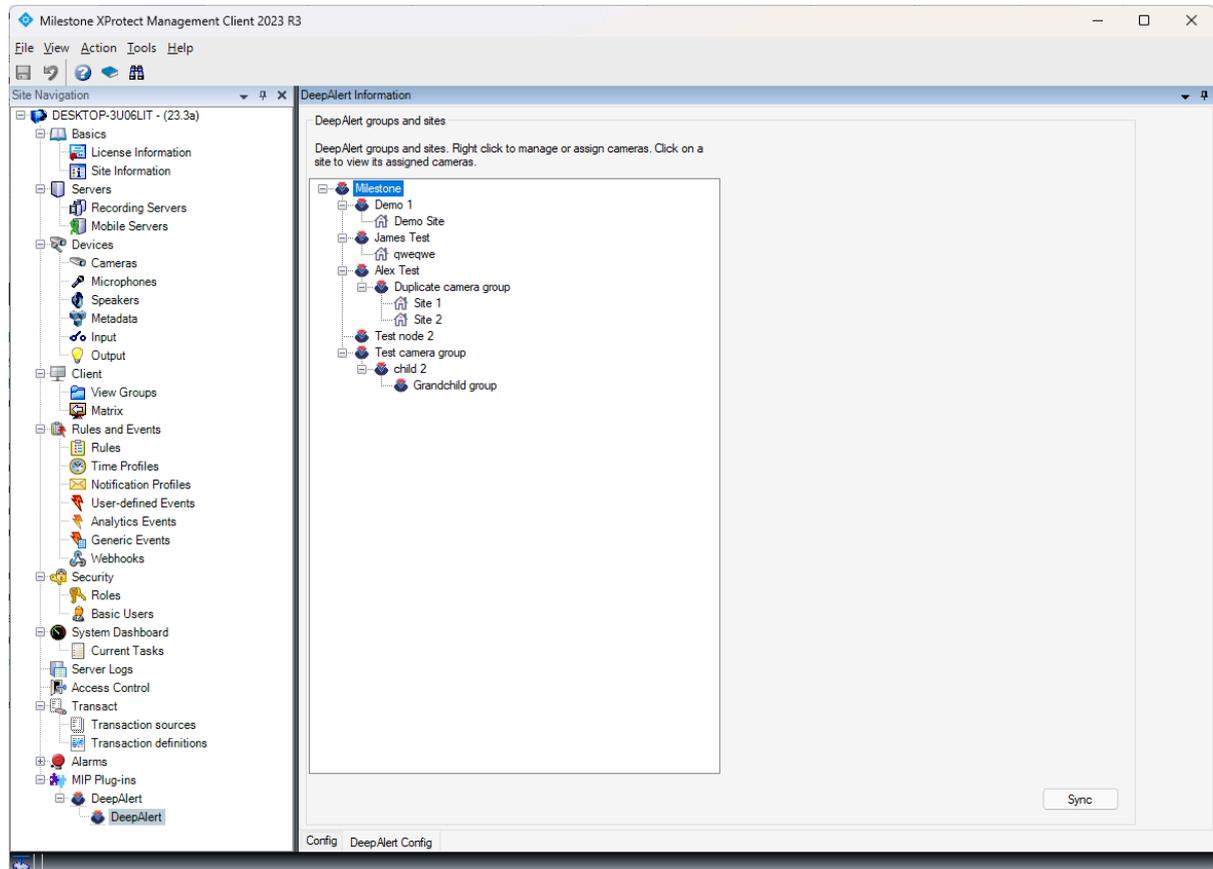
The following values can be configured:

- **Base URL:** The URL of the DeepAlert API
- **API Token:** The API token for accessing the DeepAlert API
- **Video request delay (s):** The period in seconds to offset the start of the uploaded video to DeepAlert in relation to the triggering event (e.g. -5 would upload a video starting 5s before the event was triggered).
- **Video request length:** The duration of the uploaded video to DeepAlert.

4. Once the plugin is configured, select the bottom “*DeepAlert Config*” tab to configure the groups, sites and cameras.

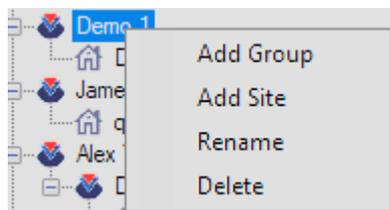
# Configuring sites, groups and cameras

When this tab is loaded, the groups and sites available in the configured DeepAlert account will be displayed in the tree. When a site containing cameras is selected, a list will be shown with the existing cameras in the site.



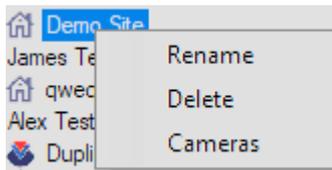
## Adding groups or sites

To add additional groups or sites, right-click on an existing group and select the relevant option. Groups and sites can also be renamed or deleted.

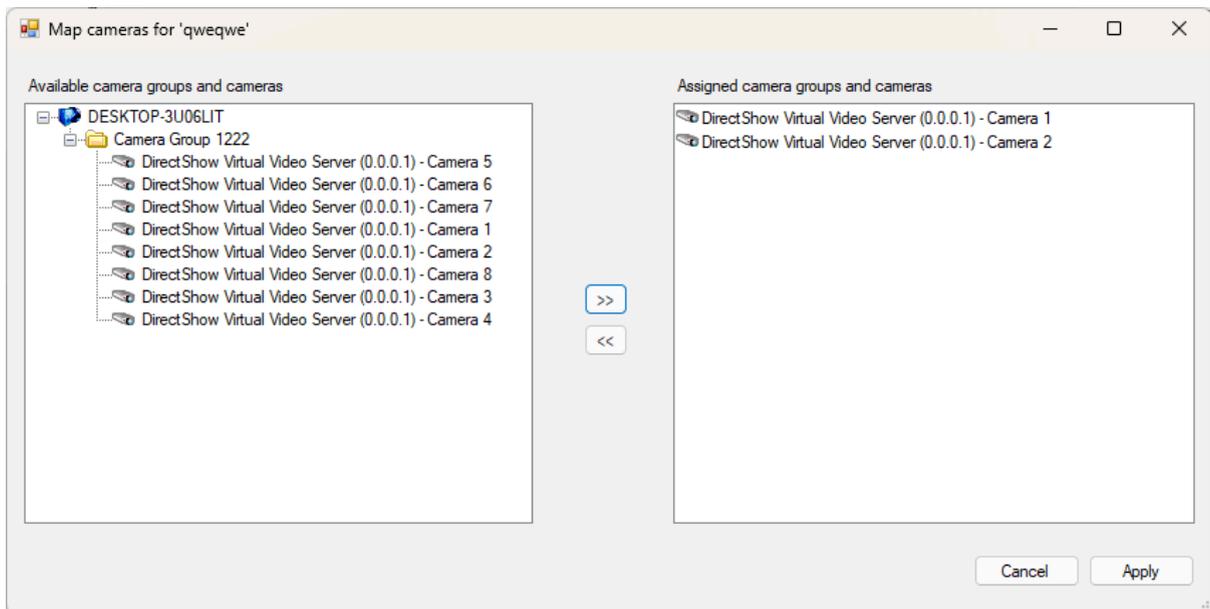


## Adding cameras

To add/remove cameras from a site, right-click on the site and select “Cameras”



The following dialog will be displayed which allows camera groups or cameras to be assigned to the site.



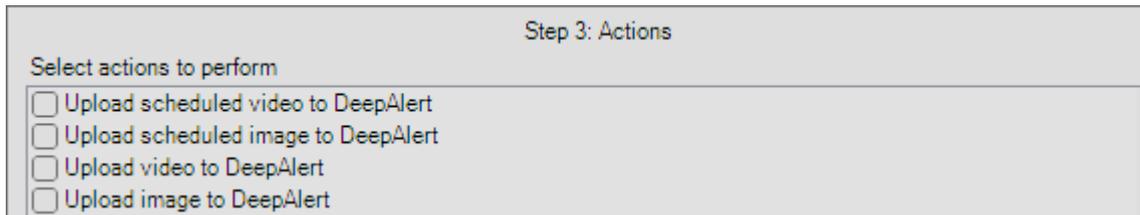
## Using XProtect Rules and Events with DeepAlert

### Configuring XProtect Rules for uploading to DeepAlert

The DeepAlert plugin adds 4 actions which can be triggered on any event through an XProtect Rule:

- **Upload scheduled video to DeepAlert:** A video is uploaded to DeepAlert for processing with schedule-based inference rules
- **Upload schedule image to DeepAlert:** An image is uploaded to DeepAlert for processing with schedule-based inference rules
- **Upload video to DeepAlert:** A video is uploaded to DeepAlert with the default inference rules as configured on the DeepAlert platform

- **Upload image to DeepAlert:** An image is uploaded to DeepAlert with the default inference rules as configured on the DeepAlert platform



A Rule can be configured to upload to DeepAlert 10s after a *Motion Started* event as follows:



## Using DeepAlert Events

After a successful upload of a video or image to DeepAlert, any alerts triggered within DeepAlert will be returned to XProtect as DeepAlert events. These events can then be used as inputs to other rules or as triggers for XProtect alarms.

The currently available events:

