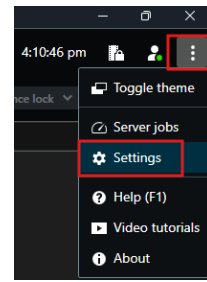
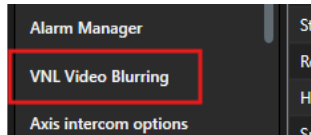
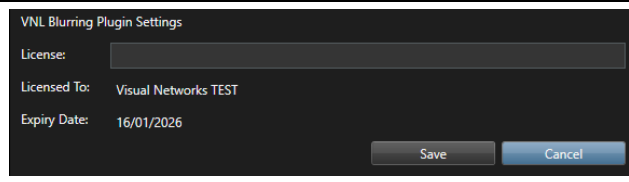
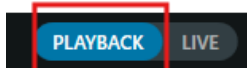
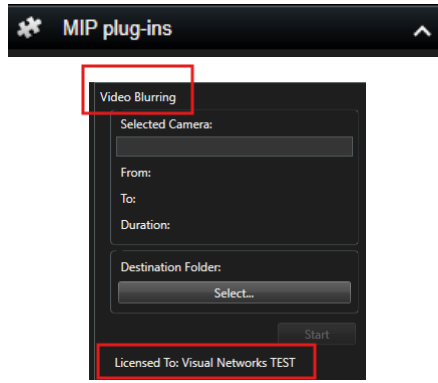

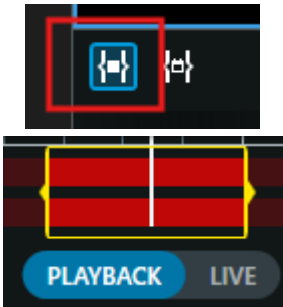
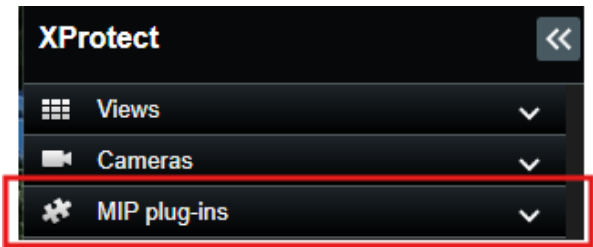
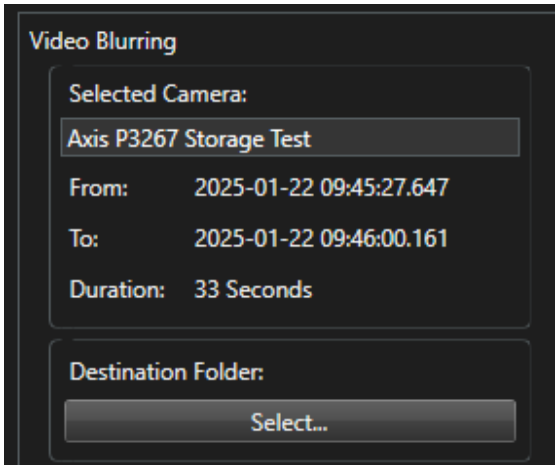
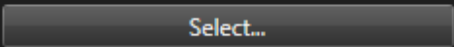
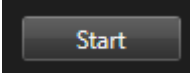
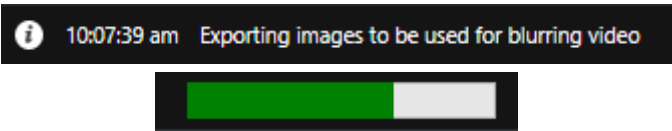


Reference	VNL Blurring Plugin Installation and User Guide
Date	Feb 2025
Document Version	2
Author	Peter Moore // Visual Networks

## Video Blurring Plugin Installation

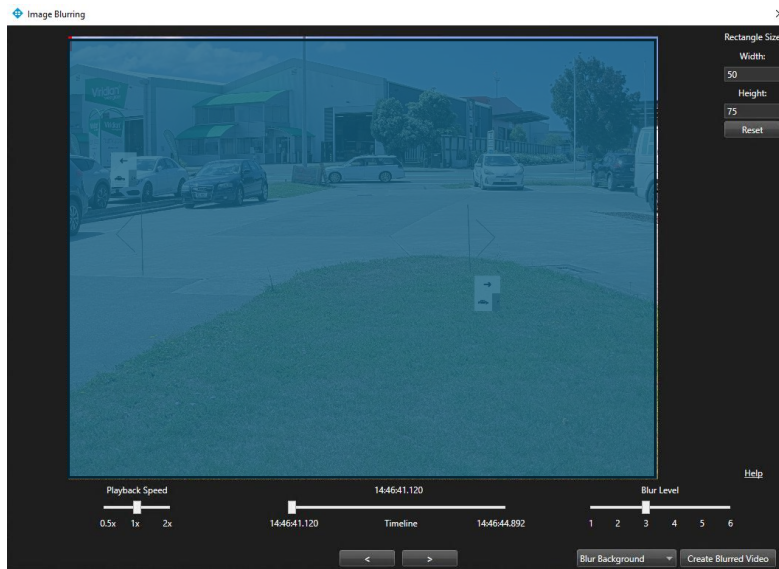
Smart Client Plugin Installation	
Close Milestone Smart Client Run the installation file: VNLVideoBlurringPluginSetup.msi with administrator permissions Accept Defaults and License Agreement	
Once installation has completed, open Milestone Smart Client  Click on Settings Option (Top Right)	
A Settings dialogue window will open Click on VNL Video Blurring option in the left window	
Copy and paste the provided License Key to activate the application  Click Save	
To check the software has been successfully installed and Licensed, click the Playback Tab	
Expand MIP Plugins in the left window  Verify Plugin is visible and End User Details are correct Example:	
<i>Note: The software will operate with “no license” or an “expired license” with a watermark embedded in the video export</i>	

## Selecting Video for Blurring

How to use the Blurring Plugin	
Open Milestone Smart Client and Login	
Click on the Playback Tab	
Navigate to the camera and time you would like to extract and apply the Blurring Tool	
Use the Time Selection Button on the Time Bar to select a start time and end time to extract	
Default time limit is 2 minutes, however this can be changed in the settings tab (Max 999 Minutes)	
Once you have selected the start and end time by moving the [ ] navigate to the Video Blurring Plugin in the left window of the Smart Client	
The Camera Name, From, To, Duration fields will be populated with the selected time period	
Select the required Destination Folder for the Blurred Video Export	
Once Destination Folder has been selected, click Start	
A progress bar will appear at the top of the Smart Client window. Once completed a Popup window will appear	

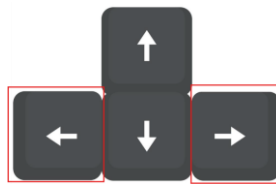
## Image Blurring Controls

### Video Navigation

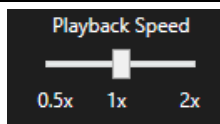


**Play Forward:** Press and hold the **Right Arrow** key on your keyboard to play the video forward.

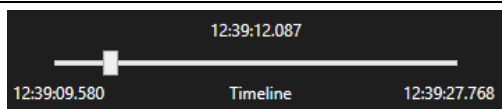
**Play Reverse:** Press and hold the **Left Arrow** key on your keyboard to play the video in reverse.



To change the playback speed for the video, use the **Playback Speed** slider. This will only change the speed of the video within the Image Burring screen. It will not change the speed of the blurred video output.



To move to a specific time in the video, use the **Timeline** slider.



The on-screen **arrow buttons** will move the video forward and backwards 1 frame at a time.





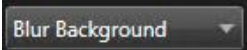
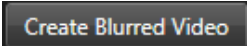
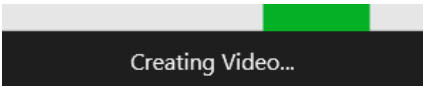



### Blurring

The mouse is used to set the area of interest.

Move the mouse over the image to see the area rectangle. When it is Green it is not setting the location



By pressing the <b>Left mouse button</b> while over the image will change the rectangle to Red and this will set the location.	
While holding the <b>Left mouse button</b> down and then using the <b>Arrow keys</b> the area can be set while the video is played. This can be done forwards or backwards.	
A rectangle can be added or changed in a single frame with just a single <b>Left mouse button</b> click.	
The rectangle size can be changed by either using the <b>mouse wheel</b> when the rectangle is visible or using the <b>Rectangle Size</b> controls.	
To remove the area rectangle, use the <b>Right mouse button</b> . This can be done to a single frame using the <b>Arrow keys</b> .	
To reset the video completely use the <b>Reset</b> button.	
Set the Blur level with the <b>Blur Level Slider</b> , 1 low – 6 high.	
Select to either Blur Background or Blur Bounding Box	
Create the Blur video by selecting the <b>Create Blurred Video</b> button.	
A progress bar will be displayed while the video is being created. This may take some time depending on the duration of the video	
Once completed a “hyperlink” will be displayed, click on this to open the Video  Alternatively, navigate to the folder location you selected previously.  It is recommended a video player such as “VLC” is used to play the exported video	<div> <div>Blurred Video</div> <div>Click to open video: <a href="#">Axis P3267 Storage Test - 20250122102649698_output_video.mp4</a></div> </div> 
Once you have reviewed the exported video, and no further changes are required close all screens and return to the Milestone Smart Client	