

The following procedure installs and sets up the **Evolv Milestone** plugin (Evolv MIP) for **Milestone Video Monitoring Systems (VMS)**. The goal of this plugin is to display **Evolv Alerts** and/or **Request Assistance** generated by the Evolv Express Weapon Detection System in a Milestone XProtect Smart Client screen.

There are 2 parts to the plugin setup, the portal part and the **Milestone VMS** part.

Executing the **portal** part of the setup requires administrative rights in **MyEvolv Customer Portal**.

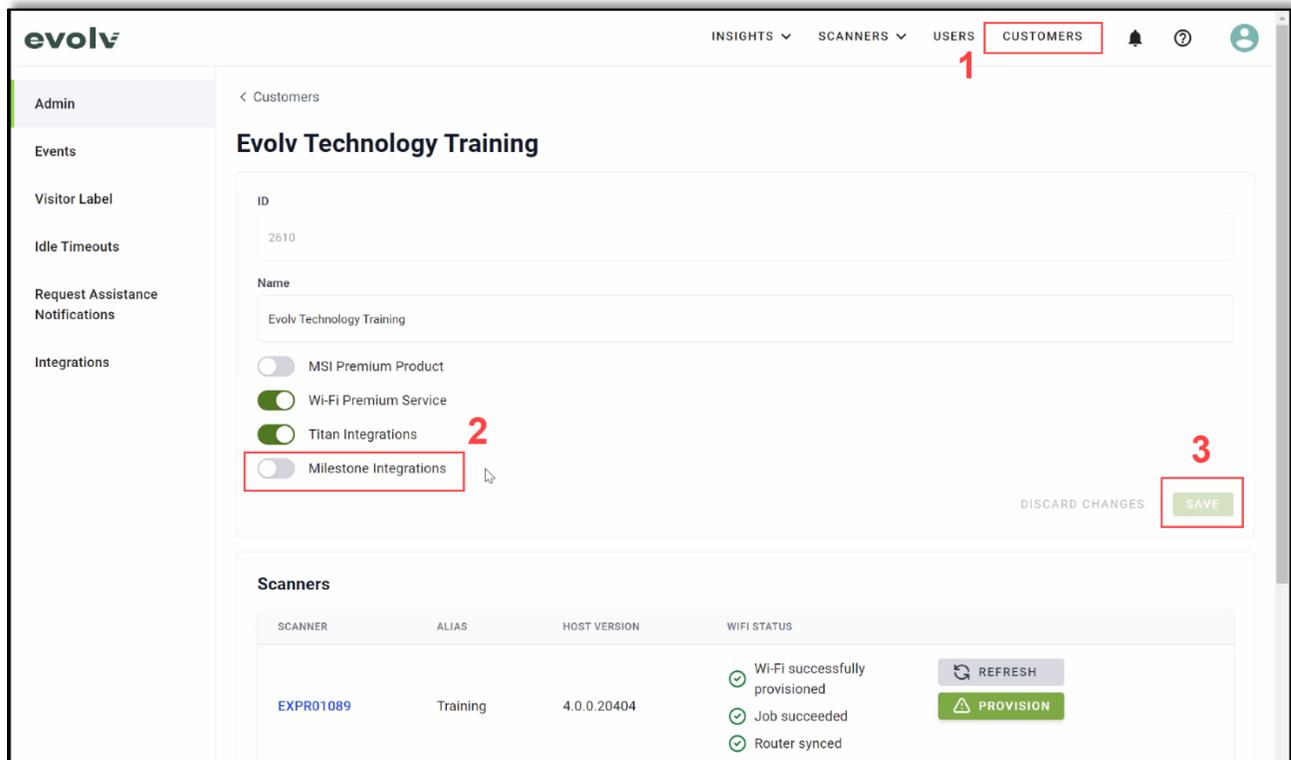
Executing the **Milestone** part of the setup requires **Milestone VMS administrative privileges**.

## MyEvolv Portal Configuration

1. Log into the portal as an **Admin user** or a **Customer Admin user**.

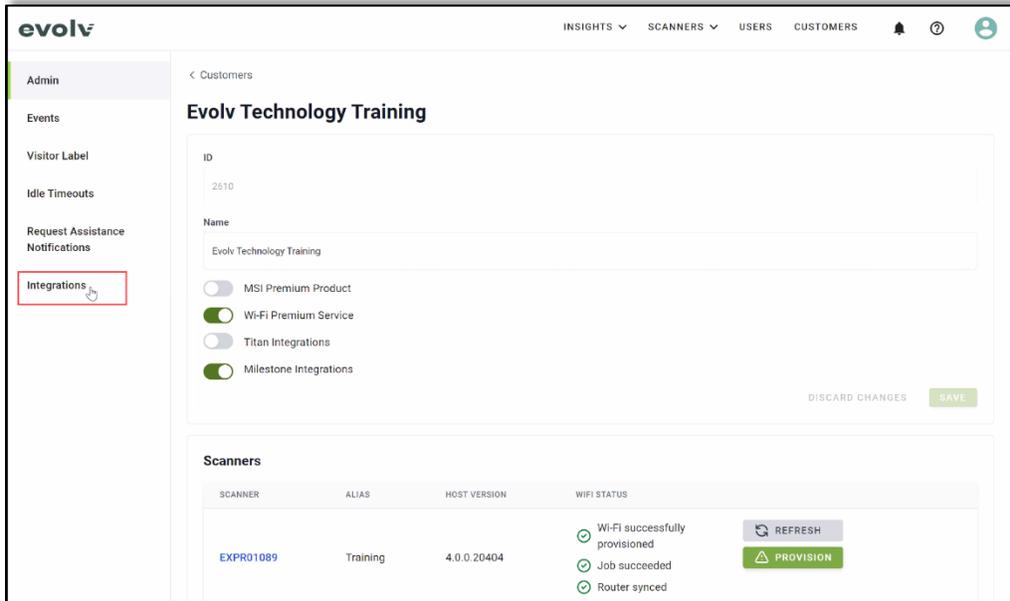
An Evolv Service member or Evolv Admin must complete the following steps.

2. In the top right corner, navigate to the **(1) "Customers"** pane. Click on the **Customer Name** you wish to configure for the **Milestone VMS integration**.
3. Enable the **Milestone Integration** by toggling the slider **(2)** then **Save** the changes **(3)**.

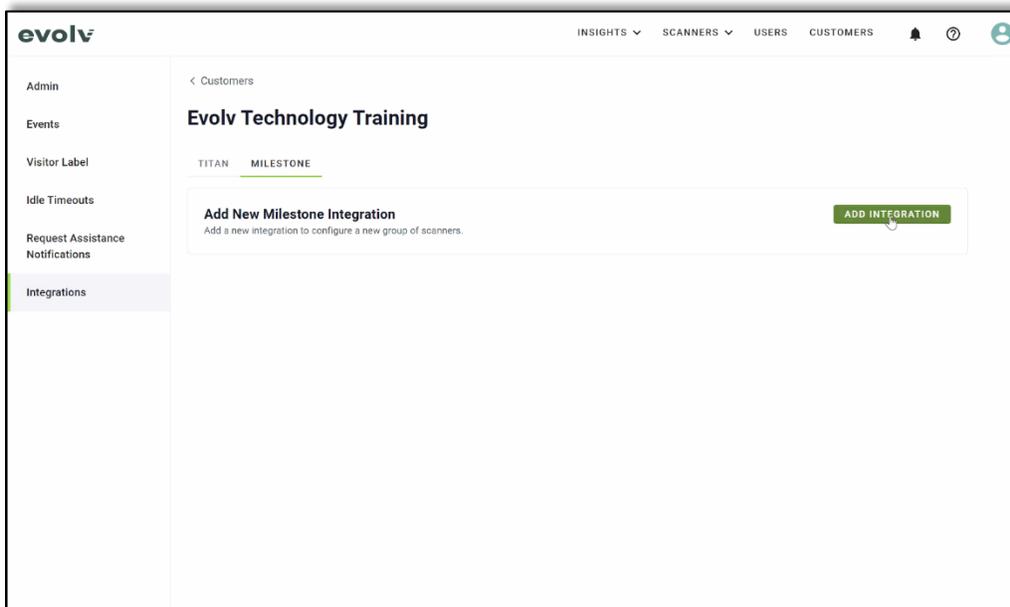


A Customer Admin, Evolv Admin, or Evolv Service member may complete the following steps.

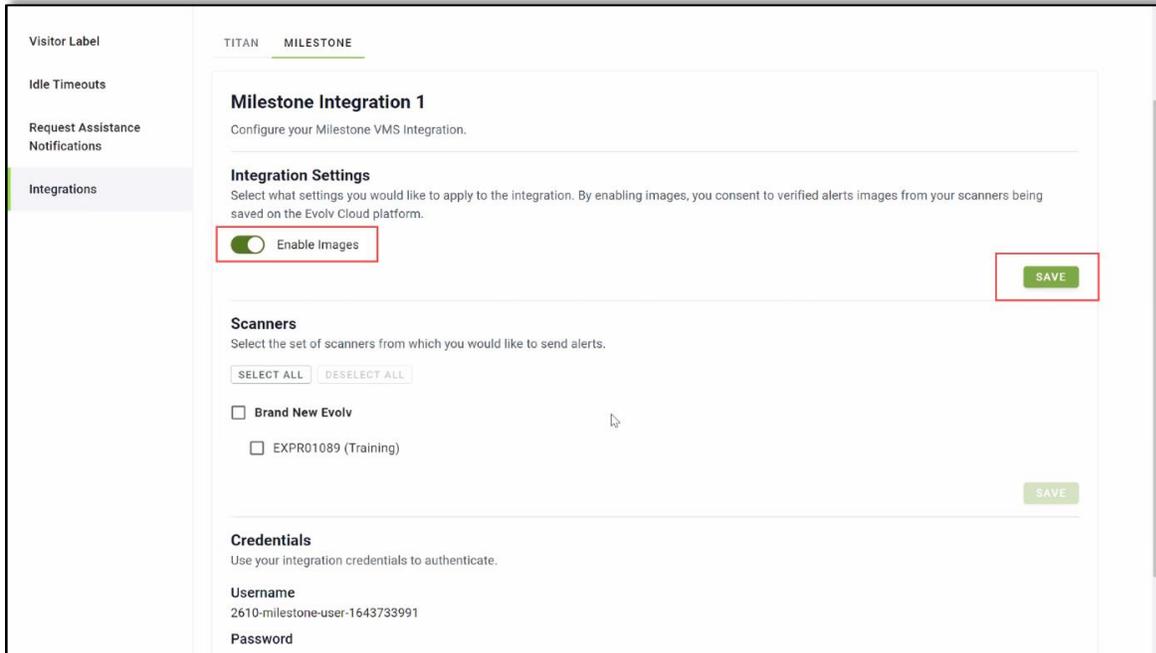
1. Once the Milestone VMS integration is enabled, an **Integrations** tab will appear in the left side column.



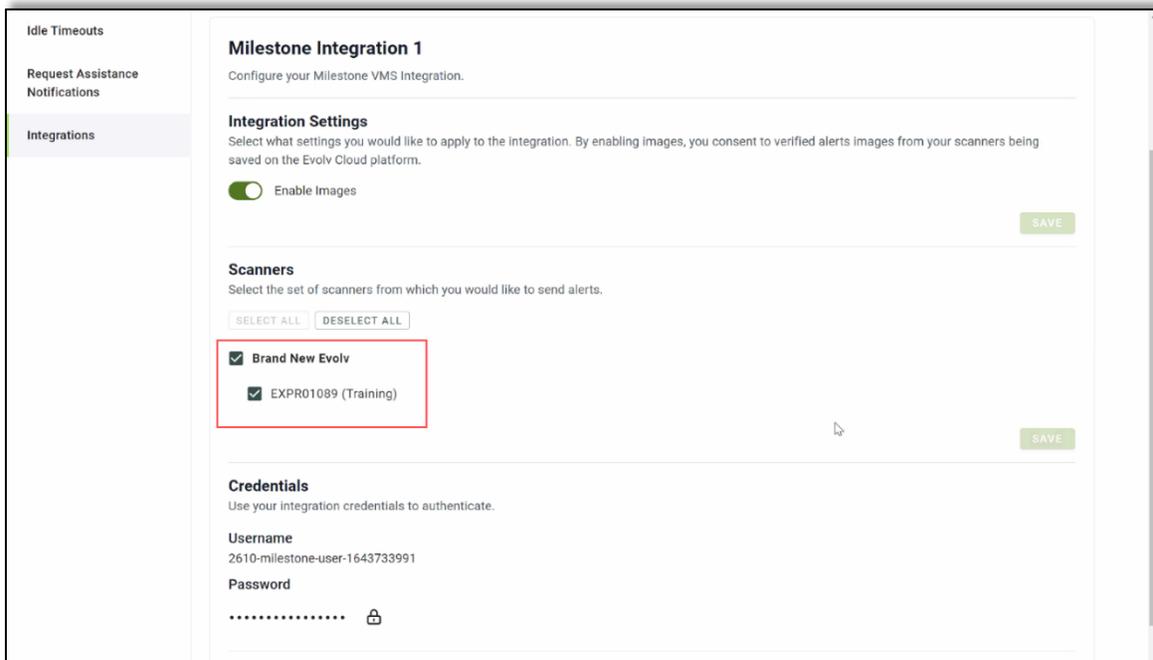
2. On the Milestone tab, click “Add Integration”



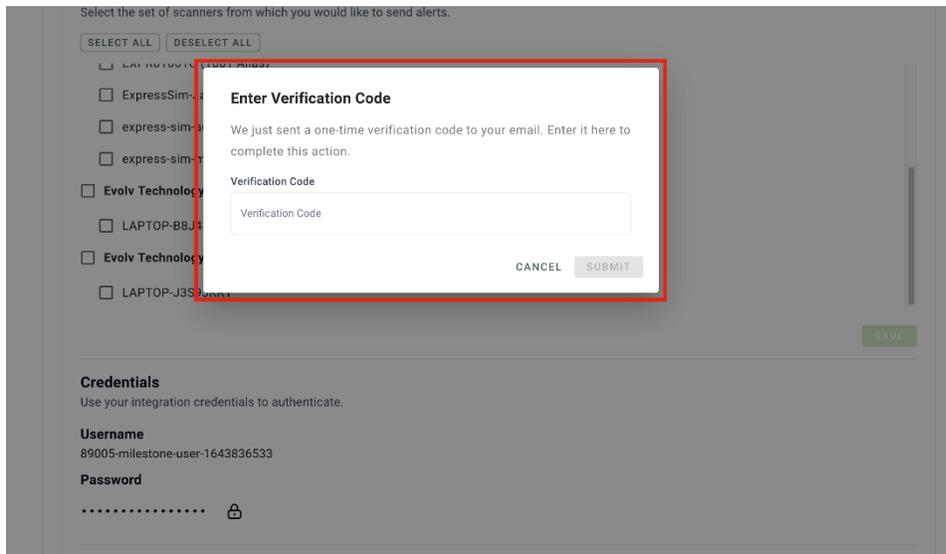
- By default, **“Enable Images”** is unchecked. While not obligatory, our plugin does use scanner images, and an explicit customer Admin “opt-in” and consent is required to enable and authorize authorize the scanner to send the images to the cloud for downstream push to the Milestone client.



- Check off the **scanner(s)** in the customer’s list that you wish to enable Milestone for and click **Save**.



- To get the **Milestone Credentials** for **Milestone Admin Client** click the **Lock** icon on the **Milestone Integration tab** and enter your verification token. You should now be able to see the username and password



## Milestone XProtect Plugin Setup

### Plugin Installation

The Evolv MIP plugin consists of 3 plugins in one file (EvolvMIP.dll): the Event Server plugin, the Management Client plugin and the Smart Client plugin. This means that the plugin installer must be run on one or more computers, depending on the Milestone VMS configuration.

The plugin must be installed in only one computer that runs the Milestone Event Server. If the Event Server is running on 2 or more computers, choose one.

The computer that runs the Evolv MIP Event Server plugin must be connected to the Internet.

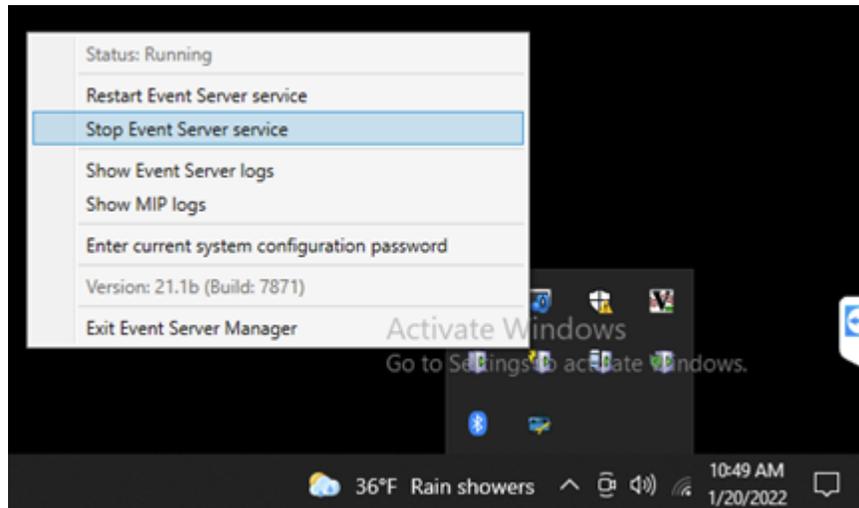
The plugin must also be installed on one computer that runs the XProtect Management Client and on one computer that runs the XProtect Smart Client. Because of the extra processing that happens when the plugin is installed, it is recommended to install the plugin only on those computers that run the Smart Client where you want to display Evolv Verified Alerts and/or Request Assistance.

If for example XProtect Management Client runs in the same computer that runs the Event Server, the installer needs to be run only once. If Event Server, Management Client and Smart Client are running on the same computer, the installer needs to be run only once and so on for other Milestone VMS configurations.

The computers that run the Evolv MIP Management Client plugin and the Smart Client Evolv MIP plugin do not need to be connected to the Internet.

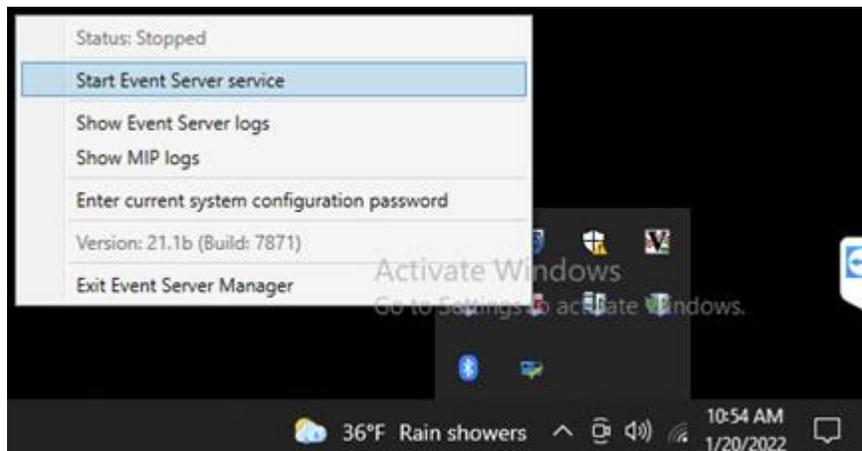
## Installing the plugin in the computer that runs the Event Server

1. Evolv Service will provide a copy of the latest installer through a link shared via email.
2. If the Milestone Event Server service is running, first stop it.



*Notice that the Event Server service shows “Status: Running” and the icon has a green play button. If Management Client and/or Smart Client are also running on the same computer, stop them.*

3. Run the Evolv installer to place the **EvolvMip** files into the Milestone plugin folder. The default folder is “%PROGRAMFILES%\VideoOS\MIPPlugins\EvolvMIP\”. Note that %PROGRAMFILES% is an environment variable that usually resolves to “C:\Program Files”. That could be true even if Milestone is installed in “D:\Program Files” (i.e. even if Milestone is installed in D:, it will look for the plugins in C: if %PROGRAMFILES% resolves to “C:\Program Files”).
4. Start the Milestone Event Server service.



*Notice that the Status says “Stopped” and the icon is a red stop button. It is ready to be started.*

5. If any XProtect clients (Management, Smart, etc.) were running, restart them as well.

## Installing the plugin on the computer that runs the Management Client

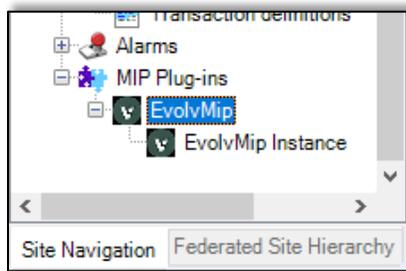
If the computer that runs the Management Client is different from the computer that runs the Event Server, repeat the steps above to install the plugin on the computer that runs the Management Client.

## Installing the plugin on the computer that runs the Smart Client

If the computer that runs the Smart Client is different from the computer that runs the Event Server and/or the computer that runs the Management Client, repeat the steps above to install the plugin on the computer that runs the Smart Client.

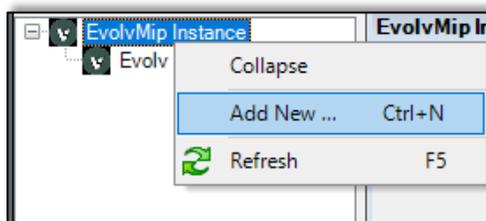
## Management Client Configuration

1. Run the **XProtect Management Client**.
2. At the bottom of the “**Site Navigation**” pane on the left side, **EvolvMip** will be in the “**MIP Plugins**” category.



- a. Click on **EvolvMip**. Then, in the second column, right-click and choose "Add New" to add an instance of the plugin.

Very Important: Only one instance of the plugin must be created. If there are 2 instances, we wouldn't know which one to run.



- b. Enter a name (EvolvMip is fine for now)
  - a. Enter the username, password, and **Amazon Web Services (AWS)** info into the first six (6) fields and then click the “Save” icon on the toolbar or use the **File** → **Save option** in the **Menu** bar.

- b. The details of the username and password can be found on the MyEvolv Portal. Follow step 5 in the “MyEvolv Portal Configuration” section to retrieve the credentials. The AWS details are as follows:

Aws\_User\_Pool\_ID: us-east-1\_BeGtgrIvX  
 Aws\_User\_Pool\_Web\_Client\_ID: 7k69cmc94vagpg0ea50ic99350  
 Rest\_Url: https://chcmx5itv4.execute-api.us-east-1.amazonaws.com/prod  
 AWS\_Region: us-east-1

Username:	<input type="text"/>
Password:	<input type="password"/>
Aws_User_Pool_ID:	<input type="text"/>
Aws_User_Pool_Web_Client_ID:	<input type="text"/>
Rest_Url:	<input type="text"/>
Aws_Region:	<input type="text"/>

- 3. Wait for the login to complete and for the list of scanners to be populated. Once the connection is established, the “**Evolv Portal Connection Status**” field will change from “**Unknown**” to “**Connected**”. If the status is not changing, remember to verify that you have clicked the Save button. If there are any errors (like if you entered the wrong info etc.), the Status field should display some info about the error.

Evolv Portal Connection Status:	Unknown
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- a. In the main pane, a list of scanners will now be visible. Double-clicking a scanner will open a dialogue box to associate a camera with a scanner. For each scanner, choose a camera to associate with it for the purpose of displaying camera feed in the **Alarm Manager** view in Milestone.

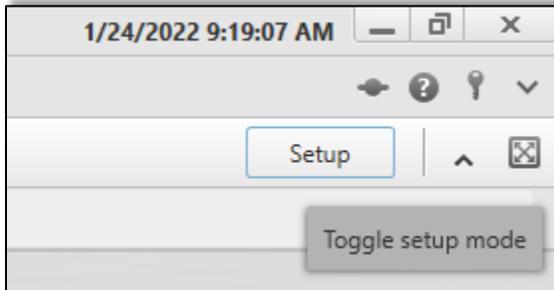
Scanners:	SelectedScanner SelectedScannerCamera
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- b. Check off the “**Enable Plugin**” box and click “**Save**” again.

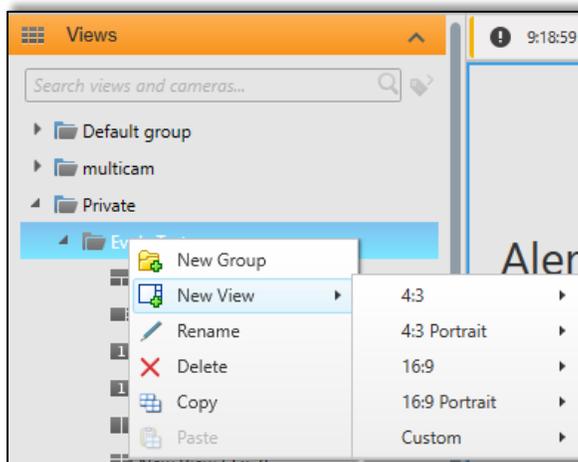
<input type="checkbox"/> Enable Plugin
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## Smart Client Configuration

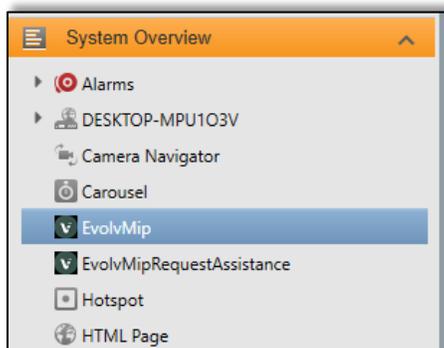
4. In the **XProtect Smart Client**, click the Live tab and enter Setup mode using the button in the top right.



- a. In Setup mode, use the Views pane on the left side to create a new view. The **EvolvMip** plugin uses 2 tiles. We recommend that you create a 2x2 view.



- b. Once the view is created, use the System Overview section on the lower left side to find the **EvolvMip** and the **EvolvMipRequestAssistance** plugins and drag them into tiles.



- c. Exit Setup mode by clicking the Setup button again. These configurations are saved automatically.
5. At this point the **EvovMIP** tile is ready to display Evolv Verified Alerts and the **EvolvMipRequestAssistance** tile is ready to display **Evolv Request Assistance**. The same info is also duplicated in the Alarm Manager tab of the Smart Client. There are no setup steps to configure the Alarm Manager, the installed plugin takes care of that automatically.
6. If you are expecting to see a **Verified Alert** or a **Request Assistance** but they are not appearing either on the Live screen or the Alarm Manager, make sure that you have checked the Enable checkbox for the **Evolv MIP** plugin in the Management Client.