Milestone Systems

Set up and work with the Milestone Integration Platform (MIP) plug-in licensing framework

XProtect®
The Milestone Integration Platform (MIP) plug-in licensing framework

Milestone provides an integrated licensing framework in the Milestone Integration Platform (MIP) environment. This enables Milestone Solution Partners (MSPs) to issue licenses to their customers through MyMilestone and the Milestone Software Registration Center, and to manage such licenses from these locations.

The MIP licensing framework provides a flexible framework to implement a variety of different licensing models, and provides easy access to license information in all MIP environments and built-in support for building Milestone-recommended 30-day trial licenses.

The MIP licensing framework provides an optimal user experience for the installer or end customer for handling their licenses. End customers no longer need to have numerous licenses for various pieces of software because the MSP plug-in license is now part of the Milestone Software License Code (SLC). This means that the MSP solution can be treated as any other device that is available after online or offline activation in the Milestone XProtect Management Client/Management Application. (Management Client is the server administration component in XProtect VMS products. Management Application is the server administration component in the XProtect Professional VMS products.)

To get started with the Milestone Integration Platform plug-in licensing framework, log in to MyMilestone with your login credentials and enter the Solution Partner Portal.

If you do not see the Partner Portal, then your account is not correctly associated with a Milestone Solution Partner (MSP) account.

- If you do not have MSP membership, use the Milestone Solution Partner Application to apply for MSP membership: (https://www.milestonesys.com/community/become-a-partner/solution-partner/)

- If you have MSP membership but cannot find the portal, please contact the MSP administrator. For advice on troubleshooting your partner login or similar, write to: (partner@milestonesys.com)
There are two stages to complete in order to register and issue MIP plug-in licenses:

- Register on MyMilestone (on page 3)
- Issue and manage plug-in licenses via the Software Registration Service Center (on page 12)

**Register on MyMilestone**

In your Solution Partner Portal, click MIP plug-in management.

This opens the **Manage MIP plug-ins page.**
On this page, you can do the following:

- Authorize relevant people to issue licenses to your MIP plug-in (on page 4)
- Register MIP plug-ins (on page 5)

### Authorize relevant people to issue licenses to your MIP plug-in

Before you can authorize relevant people within your organization or your sales partners to issue licenses to your MIP plug-in, they must have an account in the Software Registration Service Center (https://online.milestonesys.com/).

Once the relevant people have an account in the Software Registration Service Center, you must authorize them to issue licenses to your MIP plug-in. This is done in the Manage MIP plug-ins (https://www.milestonesys.com/my-milestone/msp/mip-plugin-management/) site. Enter their email address in the **New email** field and clicking **Add**.
Authorized users are listed in the **Authorized emails** field. If the user does not have an account, they are not listed in the field.

**Register MIP plug-ins**

In the Manage MIP plug-ins (https://www.milestonesys.com/my-milestone/msp/mip-plugin-management/) site, you will see a list of the MIP plug-ins that you have added to the system. You can edit existing MIP plug-in information, as described in Edit an already registered MIP plug-in (on page 11).

To register a new plug-in, click **Register new plug-in**.

The **Register plug-in** page appears.
Here, you can register a plug-in by either filling in the information under **Manage MIP plug-ins** or by pasting XML under **Download the tool to retrieve XML from plug-in**.

**Register plug-in**

<table>
<thead>
<tr>
<th>Manage MIP Plug-ins</th>
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<tbody>
<tr>
<td><strong>Plug-in name</strong></td>
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<td><strong>Plug-in GUID</strong></td>
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<td><strong>1. Plug-in type</strong></td>
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<td><strong>3. Plug-in type</strong></td>
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Fields marked with a * are mandatory.

**Or**

**Download the tool to retrieve XML from plug-in**

| Paste XML |  |

Fields marked with a * are mandatory.

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**Manage MIP Plug-ins**

To fill in the required information under **Manage MIP Plug-ins**:  

- **Plug-in name**
  
  The plug-in name is the name of the MIP plug-in. The MSP can decide this name but the name entered in the plug-in registration needs to be the same as the name entered in the source code under the property **Name** in the PluginDefinition.

- **Plug-in GUID**
  
  The plug-in GUID is a Global Unique IDentifier identifying this specific plug-in. The GUID must be in the format “xxxxxxxx-xxxx-xxxx-xxxxxxxxxxxx” (where x can be either letters or numbers). A Microsoft tool should automatically generate the GUID to ensure the plug-in’s uniqueness.

  MSPs must assign a new GUID to the property ID in the PluginDefinition in the plug-in during development. The GUID in the plug-in registration should be the same as the GUID from the plug-in source code.

- **Plug-in type**
  
  The plug-in type is the identification of the license. The plug-in type should match the LicenseType property defined when creating the LicenseInformation object in the source code.
Download the tool to retrieve XML from plug-in

An alternative to filling in the MIP plug-in information, you can install a license registration tool to extract the information from your plug-in.

Milestone provides a license registration plug-in tool that generates XML that can be used for registering an integration on the Milestone licensing server.

The tool allows you to select any plug-in that is supported by a MIP license and loaded by the XProtect Management Client or Management Application. It will show the XML describing the license requirements of the plug-in, which can be used for registering the plug-in on the Milestone licensing server.

Download the XProtect License Registration plug-in installation file LicenseRegistration.msi (http://download.milestonesys.com/MIPSDK/LicenseRegistrationInstaller.msi).

You must install this file on the machine on which the XProtect Management Client/Management Application is running.

1. Double-click the LicenseRegistration.msi file to begin the installation.
2. Click Next to start the installation.
3. Verify the location where the License Registration plug-in will be installed.
   - For 32-bit: C:\Program Files (x86)\Milestone\MIPPlugins\LicenseRegistration
   - For 64-bit: C:\Program Files\Milestone\MIPPlugins\LicenseRegistration
   Click Next.

4. Click Next to confirm the installation.
5. When the installation is complete, click **Close**.

6. Once you have successfully installed the plug-in, open the XProtect Management Client/Management Application and go to the License Registration MIP Plug-in.

   The **Select plug-in to Register** drop-down list contains all available MIP plug-ins with the license registration class and properties implemented.
7. Select your plug-in from the **Select plug-in to Register** drop-down list.

The XML part below the drop down is filled.

8. Click **Copy to Clipboard** and paste the XML information to the **Download the tool to retrieve XML from plug-in** pane.

9. Click **Save**.

The license is now listed in the Manage MIP plug-ins (https://www.milestonesys.com/my-milestone/msp/mip-plugin-management/) site.
You can edit existing MIP plug-in information, as described in Edit an already registered MIP plug-in (on page 11).

Edit an already registered MIP plug-in

To edit an already registered MIP plug-in, on the Manage MIP plug-ins (https://www.milestonesys.com/my-milestone/msp/mip-plugin-management/) page, click **Edit** for the registered MIP plug-in that you want to edit.
On the **Edit plug-in** page, you can rename and edit any of the information associated with the registered MIP plug-in.

### Issue and manage plug-in licenses via the Software Registration Service Center

After you register your MIP plug-ins, you are ready to sell licenses. The following steps show how to associate your customers' XProtect Software License Code (SLC) with your plug-in. This enables the plug-in license for use.

Go to the legacy Software Registration Service Center (https://softreg.milestonesys.com) to issue and manage the plug-in licenses registered via MyMilestone.
Under the **Software Registration** tab you can see and manage the following:

- Active SLCs
- Group Administration
- Upcoming Care Renewals
- Upgraded SLCs
- Add SLC
- MIP plug-in Licenses
- Generate Test Licenses
- Husky Advanced License Transfer
Click **MIP Plug-in Licenses**. On the main page for MIP plug-in licenses, you can issue new licenses and manage already registered MIP plug-ins.

To register a **Software License Code (SLC)**:

1. Click **Add new MIP plug-in**.
   
   The **Add new plug-in license** window appears.

2. In the **Customer SLC** field, enter the license SLC from the customer XProtect installation. This is located, for example, in the Management Client under **License Information**.

3. In the **Plug-in name** drop-down list, select your plug-in.

4. In the **Type** drop-down list, select the type of plug-in.

5. In the **Count** field, enter the number of licenses you are issuing.

6. In the **Expire date** field, enter the date the license expires. Leave this field blank if there is no expiration for the license.

7. Optionally, enter free text in the **Custom Data** field to help identify the license.
8. Click **Save**.

The MIP plug-in license is added to the list. You can edit this license by double-clicking on the name.
About Milestone Systems

Milestone Systems is a leading provider of open platform video management software; technology that helps the world see how to ensure safety, protect assets and increase business efficiency. Milestone enables an open platform community that drives collaboration and innovation in the development and use of network video technology, with reliable and scalable solutions that are proven in more than 150,000 sites worldwide. Founded in 1998, Milestone is a stand-alone company in the Canon Group. For more information, visit: http://www.milestonesys.com.