

# Smart Licensing in Cisco IoT FND

## Enable Smart Licensing In Cisco IoT FND

1. From the Cisco IoT FND menubar, choose **ADMIN > System Management > License Center** page. Select the **Classic licenses** tab.
2. Click the settings icon and click **Enable Smart Licensing**.
3. A new page appears with two tabs: **License Summary** and **Smart Licenses** tab.  
The License Summary page lists all supported license types managed by Cisco IoT FND and indicates a count of each device type (such as CGR1K) managed as given in the **Licenses Consumed** column for each device.
4. The **Smart Licenses** tab indicates that you're operating in the evaluation mode, the transition period from the classic to smart licenses. The evaluation mode lasts for 90 days. The license count in the license summary is updated instantly.



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Register your Cisco IoT FND within 90 days which is when the evaluation mode ends. After 90 days, Cisco IoT FND will automatically place all devices in an **Unmanaged** state, so it's imperative to complete registration before the 90 days expiry.

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In the **Smart Software Licensing Usage** section, you can also track the usage level of the Smart Licenses for products being managed by Cisco IoT FND.



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The count noted in the smart software licensing usage section is updated every night.

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5. In the **Smart Software Licensing Status** section, you must set the **Transport Settings** to: **Gateway/Satellite**. To enter this information, click the **View/Edit** link in the screen to open a window in which you can enter the URL information for the satellite.  
Enter the following URL information for the satellite:  
`https://?IP_Address|FQDN:'port'/Transportgateway/services/DeviceRequestHandler`  
`https://?IP_Address|FQDN|:'port'` refers to the Satellite HTTPS User Access link in the browser.
6. Navigate to the Satellite section and create a registration token. Log in to the satellite and in the General tab, click **New Token**. Once you're connected to the satellite, create a registration token.
7. Enter the registration token that you created in the previous step.  
After registration completes, a panel appears confirming that all licenses are confirmed and authorized.

## Prerequisites For Smart Licensing

You can track the status of the license usage for Cisco IoT FND supported devices, using Cisco IoT FND running Cisco IoT FND Release 4.6.1 and greater releases. Here are some of the prerequisites to use smart licensing in Cisco IoT FND:

- Create a [Smart Account](#) if you don't already have one. See [Cisco Platform Suite](#).
- If you are managing multiple user accounts using Cisco IoT FND, one virtual account per user account is mandatory.

- Install the satellite agent next to Cisco IoT FND/TPS. For more information, see [Smart Software Manager Satellite Enhanced Edition: Installation Guide](#)



**Note**

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All the references to the word satellite in this document refer to the Cisco Smart Software Manger satellite version 5.1 and greater. Note that this satellite service has been renamed to Cisco Smart Software Manager On-Prem. However, MSLA only works with Cisco Smart Software Manager satellite version 5.1 and greater versions.

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- Place an order in Cisco Commerce Workplace (CCW). Link the order to the preceding created Cisco Smart Virtual Account.
- Install and upgrade the Cisco IoT FND instance.
- Verify that the licenses appear in the satellite/CSSM with billing column as **By Usage** in the **Licenses** tab.
- Generate the token in the Satellite virtual account.



**Note**

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All licensing updates for Cisco IoT FND Release 4.6.1 and greater releases are performed using the satellite.

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## Purchase Smart Licenses For Cisco IoT FND

Here is a summary of the products and supported licenses that you can purchase for Cisco IoT FND running Cisco IoT FND Release 4.6.1 and greater releases:

License Type	Description
IOTFND-MSLA-CGR1K	IoT FND MSLA License for CGR1K
IOTFND-MSLA-EP	IoT FND MSLA License for managing endpoints.
IOTFND-MSLA-BEP	IoT FND MSLA License for managing battery endpoints.
IOTFND-MSLA-IR500	IoT FND MSLA License for managing IR509 IR510
IOTFND-MSLA-IR800	IoT FND MSLA License for managing IR800
IOTFND-MSLA-IR1100	IoT FND MSLA License for managing IR1100
IOTFND-MSLA-LORAWA	IoT FND MSLA License for managing LoRAWAN gateway

# Smart Licensing In Cisco IoT FND

## Manage Smart Licensing In Cisco IoT FND Release 4.6.1 And Greater Releases



### Note

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If you are an existing pre-paid license customer using Cisco IoT FND Release 4.6.1 and greater, you don't have to enable Smart Licensing. The Smart Licensing is only for managing post-paid licenses. Additionally, you can't manage both pre-paid and post-paid licenses at the same time.

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1. From the Cisco IoT FND menubar, choose **ADMIN > System Management > License Center** page.
2. Click **Settings** icon in the **Smart Licenses** tab.
3. Click **Disable Smart Licensing** and switch to Classic Licensing.

## Available Smart Licensing Options

After your licenses are registered and authorized, the following options are displayed under the settings icon drop-down menu:

- Renew Authorization Now
- Renew Registration Now
- Reregister
- Deregister
- Disable Smart Licensing