

About eyeExtend Connect Module 1.8.1

The ForeScout eyeExtend Connect Module provides network connectivity, visibility, and control through the following components:

- Connect Plugin 1.4.1
- Data Exchange Plugin 3.9.3
- Web API Plugin 1.5.3

The eyeExtend Connect Module is a ForeScout eyeExtend module that consists of more than one component.

The plugins listed above are installed and rolled back with the eyeExtend Connect Module. Refer to the relevant configuration guides for detailed information about how to work with and configure eyeExtend modules.

Open Integration Module Renamed

The Open Integration Module has been renamed to the eyeExtend Connect Module.

The last release of the Open Integration Module was version 1.4.0.1 on ForeScout version 8.2. It contained:

- Data Exchange Plugin 3.8.0.1003
- Web API Plugin 1.5

The first release of the eyeExtend Connect Module is version 1.5 on ForeScout version 8.2. It contained:

- Connect Plugin 1.1
- Data Exchange Plugin 3.9
- Web API Plugin 1.5

This release of the eyeExtend Connect Module is version 1.8.1 on ForeScout version 8.1.4 or 8.2.1. It contains:

- Connect Plugin 1.4.1
- Data Exchange Plugin 3.9.3
- Web API Plugin 1.5.3

Supported ForeScout Platform Version

The following table lists the ForeScout platform version that works with each version covered by this guide.

Version	ForeScout Platform Version
1.8.1	Minimum version: 8.1.4 or 8.2.1

Customer Support for eyeExtend Connect

The Connect Plugin is supported by Forescout Customer Support.

Connect Apps, including those provided by Forescout, are not supported by Forescout.

About the eyeExtend Connect Module 1.8.1 Release

This topic describes updates and important information related to the components delivered in this version of the eyeExtend Connect Module. See the following:

- [eyeExtend Connect Module 1.8.1: Connect Plugin 1.4.1](#)
- [eyeExtend Connect Module 1.8.1: Data Exchange Plugin 3.9.3](#)
- [eyeExtend Connect Module 1.8.1: Web API Plugin 1.5.3](#)

This release also includes enhancements and fixes provided in previous versions. See [Previous eyeExtend Connect Module Versions](#).

eyeExtend Connect Module 1.8.1: Connect Plugin 1.4.1

This topic describes important information about the Connect Plugin 1.4.1.

Upgrade the Connect Plugin to 1.4.x

The following table describes upgrading the Connect Plugin to 1.4.x from previous versions.

Installed Connect Plugin Version	Upgrade Information
1.1.x	First upgrade the Forescout platform from 8.2 to 8.2.1, then upgrade the Connect Plugin to 1.4.x.
1.2.x	Upgrade to 1.4.x. A Forescout platform upgrade is not required.
1.3.x	Upgrade to 1.4.x. A Forescout platform upgrade is not required.
1.0 (on 8.1.4)	Upgrade to 1.4.x. A Forescout platform upgrade is not required.

Feature Enhancements

Improved database security by restricting plugin user privileges to read and write only.

Requirements

- An eyeExtend Connect Module license. See [Forescout eyeExtend Connect Licensing Requirements](#) for details.

Fixed Issues

There are no fixed issues for this version of Forescout eyeExtend Connect Module: Connect Plugin.

Known Issues

This section describes the known issues for this version of Forescout eyeExtend Connect Module: Connect Plugin.

Defect #	Description
OF-406	<p>If all fields in the first panel in system.conf are defined as not mandatory, (the "mandatory" parameter is set to false), at least one input has to be entered to move to the next panel.</p> <p>The recommended workaround is to define at least one field in the first panel with the "mandatory" parameter set to true. It is also recommended to put the most important fields in the first panel, such as IP address, URL, or username/password, which are typical uses of the "mandatory" parameter.</p>

eyeExtend Connect Module 1.8.1: Data Exchange Plugin 3.9.3

This topic describes important information about the Data Exchange Plugin version 3.9.3.

Requirements

- An eyeExtend Connect Module license. See [Forescout eyeExtend Connect Licensing Requirements](#) for details.
- Forescout Authentication Module with the User Directory Plugin running.
- Permission for the Forescout platform to connect to external servers.

Fixed Issues

There are no fixed issues for this version of Forescout eyeExtend Connect Module: Data Exchange Plugin.

Known Issues

There are no known issues for this version of Forescout eyeExtend Connect Module: Data Exchange Plugin.

eyeExtend Connect Module 1.8.1: Web API Plugin 1.5.3

This topic describes important information about the Web API Plugin version 1.5.3.

Requirements

- An eyeExtend Connect Module license. See [ForeScout eyeExtend Connect Licensing Requirements](#) for details.
- By default, the web service receives inbound requests to Enterprise Manager or a standalone Appliance using HTTPS on port 443/TCP.

Fixed Issues

This section describes the fixed issues for this version of ForeScout eyeExtend Connect Module: Web API Plugin.

Defect #	Description
WEB-201	The Web API Plugin did not return any hosts when the get hosts request used a filter based on several host properties and the property-value pairs were concatenated with the ampersand (&) symbol. Now the Web API Plugin returns the correct hosts when filtering with multiple host properties.
WEB-204	The Web API Plugin did not return the compliance state with the get hosts request. Now the Web API Plugin returns the compliance_state value when getting hosts.

Known Issues

This section describes the known issues for this version of ForeScout eyeExtend Connect Module: Web API Plugin.

Defect #	Description
WEB-179	<p>When using <code>https://{EM.IP}/api/hosts</code> to get endpoint properties, the <code>segment_name</code> value is not returned in the response.</p> <p>The workaround is to start the Advanced Tools Plugin and resolve the Segment Path (<code>segment_path</code>). Use the same request (<code>https://{EM.IP}/api/hosts</code>) to get the <code>segment_path</code> value through the Web API Plugin.</p> <p>The <code>segment_name</code> can be retrieved from the <code>segment_path</code> by splitting the <code>segment_path</code> at the forward slash (/). For example, if the <code>segment_path</code> is "fsc/segment-1", the <code>segment_name</code> is "segment-1".</p>
WEB-197	<p>In a large network, when querying for all hosts, the Web API Plugin may or may not return information for all hosts. After 30 seconds, the query times out so appliances that reply after 30 seconds are not included in the response.</p> <p>As a workaround, it is recommended that you query particular hosts using IP or MAC addresses or query a group of hosts using filters. For available filters, refer to <i>ForeScout eyeExtend Connect Module: Web API Plugin Configuration Guide</i>.</p>

Forescout eyeExtend Connect Licensing Requirements

Forescout eyeExtend Connect requires a valid license. An Open Integration Module (OIM) is a valid license for Connect. The base Connect or OIM license entitles up to two Connect Apps as well as the full capability of the Data Exchange and Web API Plugins.

Existing installed OIM licenses will be automatically renamed eyeExtend Connect as part of the Connect upgrade.

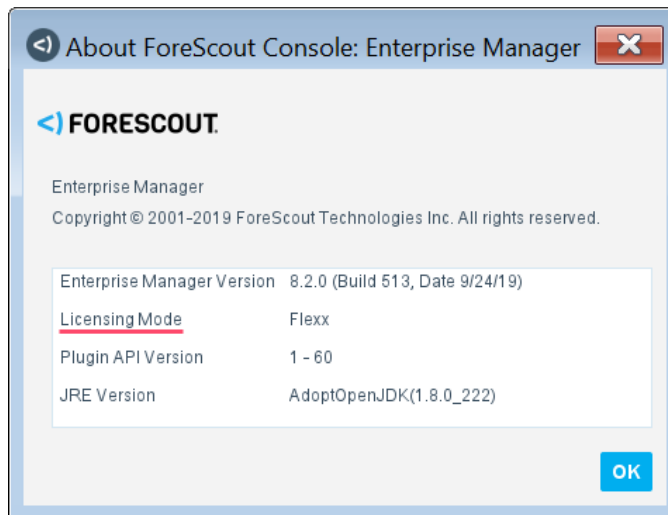
- 📄 *If you have OIM license installed you do not need to request a new license to run eyeExtend Connect.*

This Forescout eyeExtend module requires a valid license. Licensing requirements differ based on which licensing mode your deployment is operating in:

- [Per-Appliance Licensing Mode](#)
- [Flexx Licensing Mode](#)

To identify your licensing mode:

- From the Console, select **Help > About Forescout**.



Per-Appliance Licensing Mode

When installing the module, you are provided with a 90-day demo license.

If you would like to continue exploring the module before purchasing a permanent license, you can request a demo license extension. Consult with your Forescout representative before requesting the extension. You will receive email notification and alerts at the Console before the demo period expires.

To continue working with the module after the demo period expires, you must purchase a permanent module license.

Demo license extension requests and permanent license requests are made from the Console.

This module may have been previously packaged as a component of an Integration Module which contained additional modules. If you already installed this module as a component of an Integration Module, you can continue to use it as such. Refer to the section about module packaging in the Forescout Administration Guide for more information.

Requesting a License

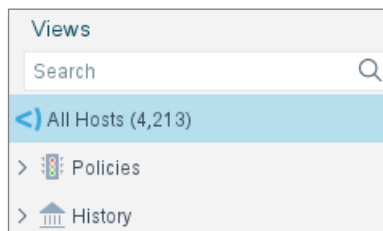
When requesting a demo license extension or permanent license, you are asked to provide the device *capacity* requirements. This is the number of devices that you want this license to handle. You must define at least the number of devices currently detected by the Forescout platform. You can request a license that handles more to ensure that you are licensed for support on additional devices as your deployment grows.

Enter this number in the **Devices** pane of the Module License Request wizard, in the Console Modules pane.



To view the number of currently detected devices:


1. Select the **Home** tab.
2. In the Views pane, select the **All Hosts** folder. The number in parentheses displayed next to the **All Hosts** folder is the number of devices currently detected.



Flexx Licensing Mode


When you set up your Forescout deployment, you must activate a license file containing valid licenses for each feature you want to work with in your deployment, including eyeExtend modules. After the initial license file has been activated, you can update the file to add additional eyeExtend licenses or change endpoint capacity for

existing eyeExtend modules. For more information on obtaining eyeExtend licenses, contact your Forescout sales representative.

 *No demo license is automatically installed during system installation.*

License entitlements are managed in the [Forescout Customer Portal](#). After an entitlement has been allocated to a deployment, you can activate or update the relevant licenses for the deployment in the Console.

Each eyeExtend license has an associated capacity, indicating the number of endpoints the license can handle. The capacity of each eyeExtend license varies by module but does not exceed the capacity of the Forescout eyeSight license.

 *Integration Modules, which package together groups of related licensed modules, are not supported when operating in Flexx Licensing Mode. Only eyeExtend modules, packaging individual licensed modules are supported. The eyeExtend Connect Module is an eyeExtend module even though it packages more than one module.*

More License Information

For more information on eyeExtend (Extended Module) licenses:

- **Per-Appliance Licensing.** Refer to the *Forescout Administration Guide*.
- **Flexx Licensing.** Refer to the *Flexx Licensing How-to Guide*.

You can also contact your Forescout sales representative for more information.

Previous eyeExtend Connect Module Versions

Installing this module version also installs fixes and enhancements provided in the previous module versions listed in this section. To view Release Notes for previous module versions, see:

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-8-0/>

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-7-0/>

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-6-0/>

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-5-2/>

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-5-1/>

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-5-0/>

<https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-3-3/>

Install the eyeExtend Connect Module




This topic describes how to download and install the module.

To install the module:

1. Navigate to one of the following Forescout download portals, depending on the licensing mode your deployment is using:

- [Product Updates Portal](#) - **Per-Appliance Licensing Mode**
- [Customer Portal, Downloads Page](#) - **Flexx Licensing Mode**

To identify your licensing mode, select **Help > About ForeScout** from the Console.

2. Download the module `.fpi` file.
3. Save the file to the machine where the Console is installed.
4. Log into the Console and select **Options** from the **Tools** menu.
5. Select **Modules**. The Modules pane opens.
6. Select **Install**. The Open dialog box opens.
7. Browse to and select the saved module `.fpi` file.
8. Select **Install**. The Installation screen opens.
9. Select **I agree to the License Agreement** to confirm that you have read and agree to the terms of the License Agreement and select **Install**. The installation cannot proceed unless you agree to the license agreement.
 -  *The installation begins immediately after selecting Install and cannot be interrupted or canceled.*
 -  *In modules that contain more than one component, the installation proceeds automatically one component at a time.*
10. When the installation completes, select **Close** to close the window. The installed module is displayed in the Modules pane.
 -  *Some components are not automatically started following installation.*

Contact Information

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About the Documentation

- Refer to the Technical Documentation page on the ForeScout website for additional documentation: <https://www.Forescout.com/company/technical-documentation/>
- Have feedback or questions? Write to us at documentation@forescout.com

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