Oracle Hospitality Hotel Property Interface

IFC8OperaConnector



Release 8.17.1.0
G55569-02
September 2026



Oracle Hospitality Hotel Property Interface IFC8OperaConnector Release 8.17.1.0

G55569-02

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Preface

Purpose

This guide explains the common handling of the Ifc8OperaConnector module.

Audience

This document is intended for system administrators, support, and users familiar with the Hotel Property Interface application IFC8.

Customer Support

To contact Oracle Customer Support, access Customer Support Portal at the following URL:

https://iccp.custhelp.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at

http://docs.oracle.com/en/industries/hospitality/

Table 1 Revision History

Date	Description
October 2024	• Initial publication
July 2025	• Update
October 2025	• Password Length Change 8 to 12 for Cert
April 2026	• Version update 8.17.0.0 • Support for .NET 10 x86 Desktop Runtimes (Required) • Configuration: New field to choose OPERA version (OPERA Cloud, OPERA V5, Auto detect)

September 2026	• Version update 8.17.1.0 • Added a new logfile to track changes in IocConfiguration.exe

1 General

The Ifc8OperaConnector is used to communicate between each IFC8 instance and the Opera PMS Web Service. It is used to receive actions from OPERA like check-in/checkout notification, Key requests, Credit card requests pass these to the individual vendor software's and relay the responses back to the PMS.

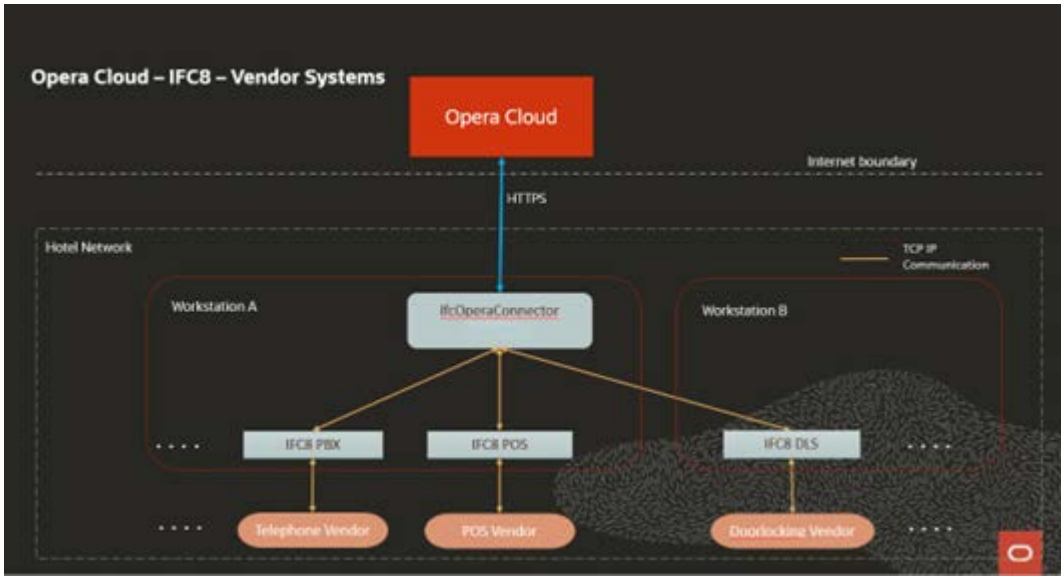
The Ifc8OperaConnector replaces the legacy OperaIfcController service. It offers state-of-the-art technology, latest security options based on latest .NET framework.

Installation of the Ifc8OperaConnector is done through the Ifc8OperaConnector Install wizard which is part of the Ifc8_Release_Installer.

It is required to install .NET Desktop Runtimes version 10.x x86 on the PC where the Ifc8OperaConnector will be installed.

It is not possible to run the legacy OperaIfcController service and the new Ifc8OperaConnector at same time.

> **NOTE:**
>
> Software release can be downloaded @ **https://edelivery.oracle.com**
> Ifc8OperaConnector Install wizard is part of the Ifc8_Release_Installer
>
> Patch Releases through your Oracle Support Portal.



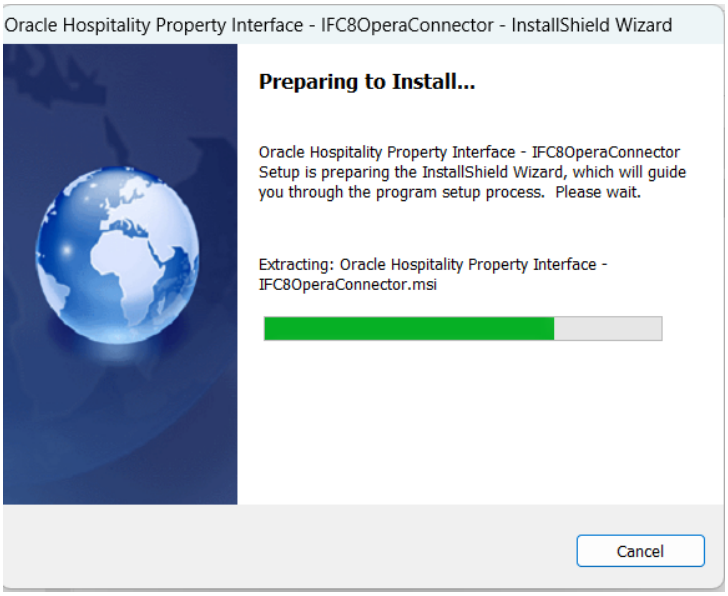
2
Installing Ifc8OperaConnector on a Workstation

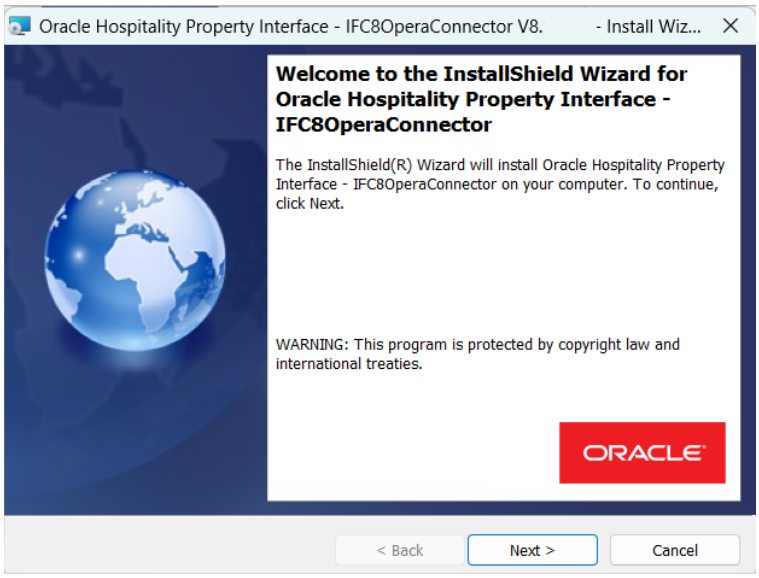
> **NOTE:**
>
> Please verify that .Net Desktop Version 10.0 (32 bit) or higher is installed on your machine prior to preceding.

1. Download the **IFC8OperaConnectorSetup.exe** and store it on the workstation where it is to be installed. This would typically be the same workstation where the Ifc8 Software is to be Installed.
2. Right click and execute **Ifc8ConnectorSet.exe** as administrator (FULL Local Admin rights are required).



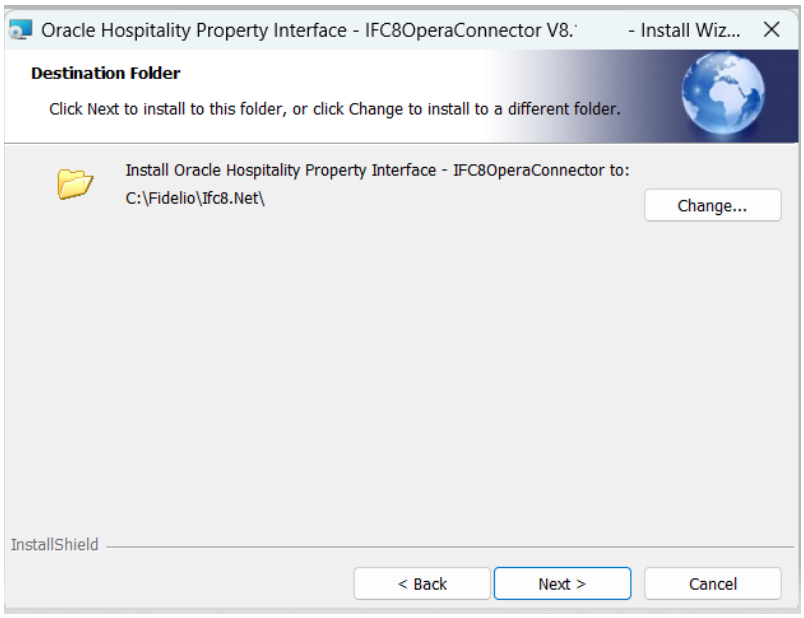
The Installer starts.



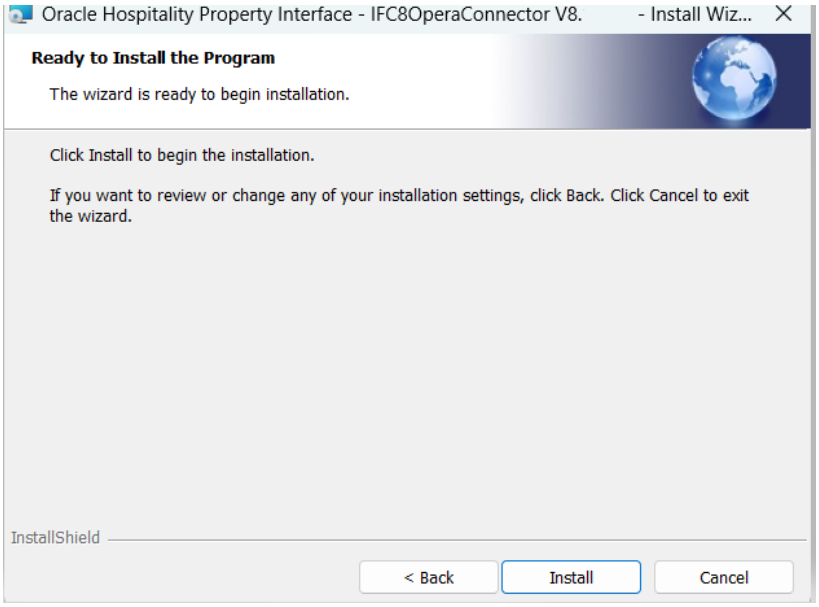


3. Select **Next**

4. Choose the path where to install the Ifc8OperaConnector (default & recommended is **C:\Fidelio\ifc8.Net**).

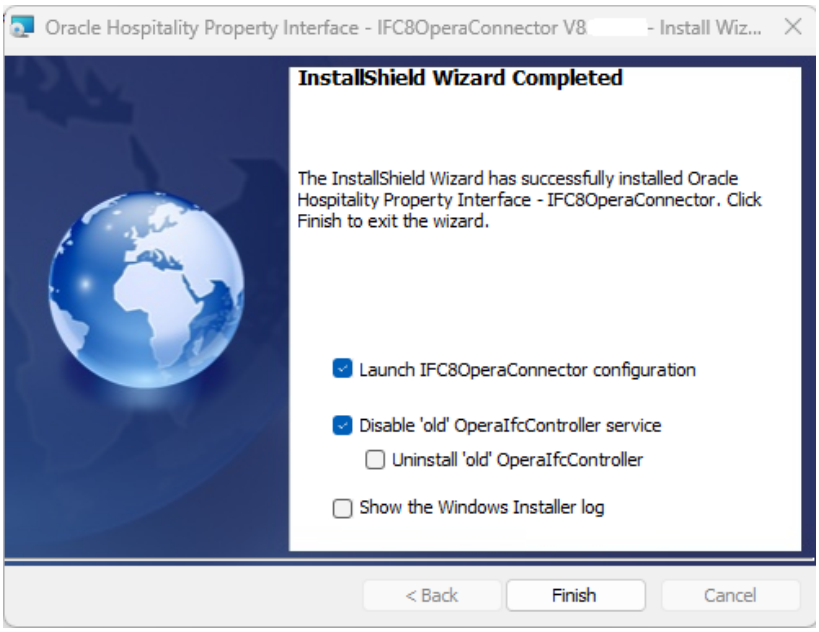


5. Select **Next.**



6. A final confirmation is requested before the Installation commences.
7. Select **Install** to continue else cancel to abort.

The installation routine will be completed with a final screen:



The screen offers following options:

Launch IFC8OperaConnector Configuration
Allow switch to the configuration form for the newly installed Ifc8OperaConnector. ticked by default

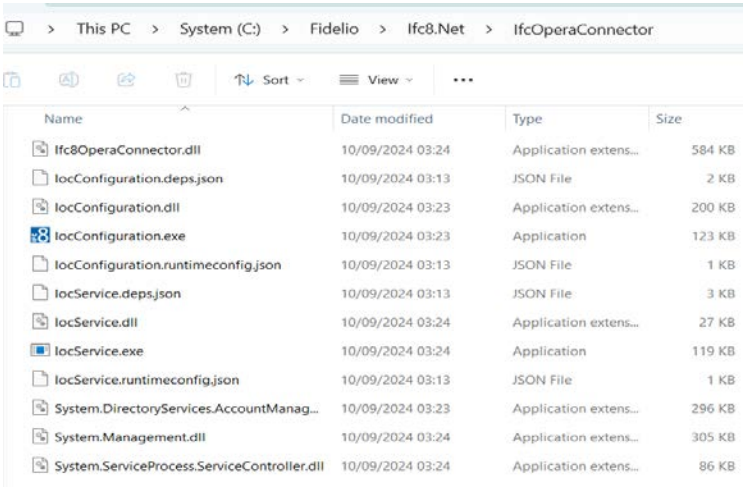
1. **Disable ‘old’ OperaIfcController service automatically**
   this will set the Service Startup type of the installed OperaIfcController service to “Manual” so it will no longer startup automatically.
   ticked by default

2. **Uninstall ‘old’ OperaIfcController**
   this will initiate the OperaIfcController install wizard to uninstall the legacy OperaIfcController service.
   unticked by default

3. **Show the Windows Installer log**
   for review in case of issues occurring during installation.
   unticked by default

4. Select **Finish** and move on to the configuration.

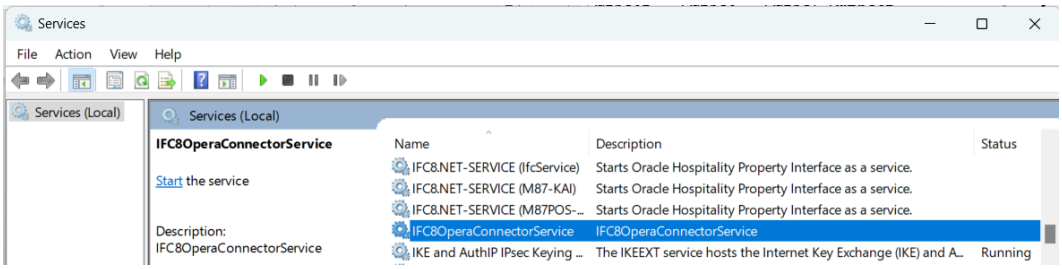
   Files are installed on the defined path:



NOTE:

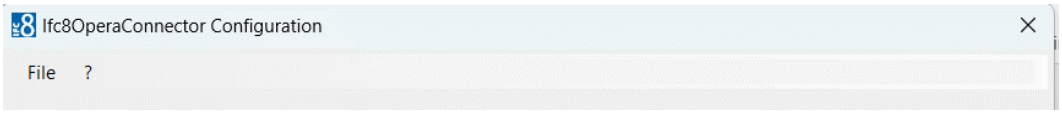
The Ifc8OperaConnector uses its own set of dll’s which will be installed and located on the same path as denoted during the installation.

The Ifc8OperaConnectorService has been installed and can be found under the services tab of the **taskmgr** or through **services.msc**.

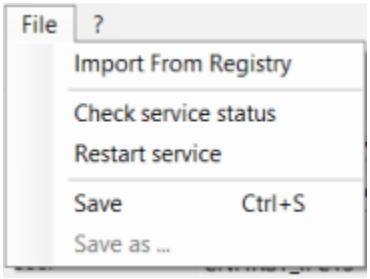


Next the IfcOperaConnector will launch the **Configuration Form**.

3
Overview of Ifc8OperaConnector Menu



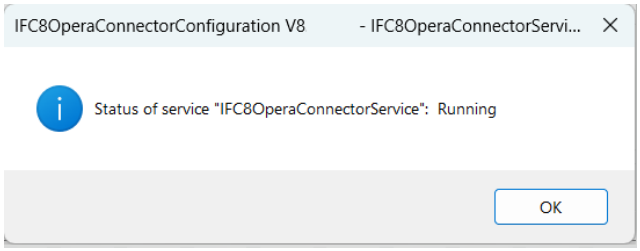
File Menu



Import from Registry: Import Existing settings from the Registry.

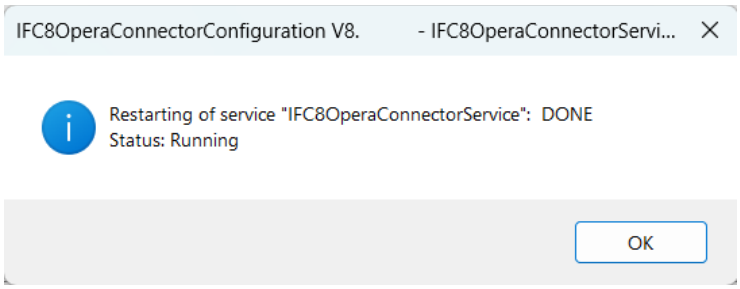
Check Service Status: Check and update the status of the Ifc8OperaConnectorService.

When executed a pop up will appear with the status.



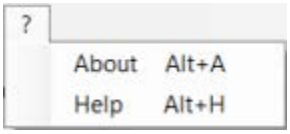
Restart service: Restart the Ifc8OperaConnectorService. (admin. Rights required)

A pop up will confirm the action.



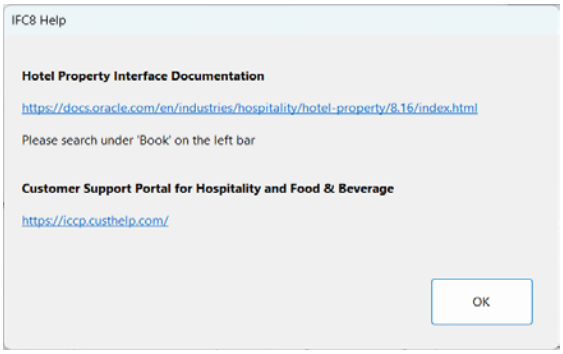
Save: Save the configuration currently entered in the Ifc8OperaConnector Configuration form.

Help Menu (?)



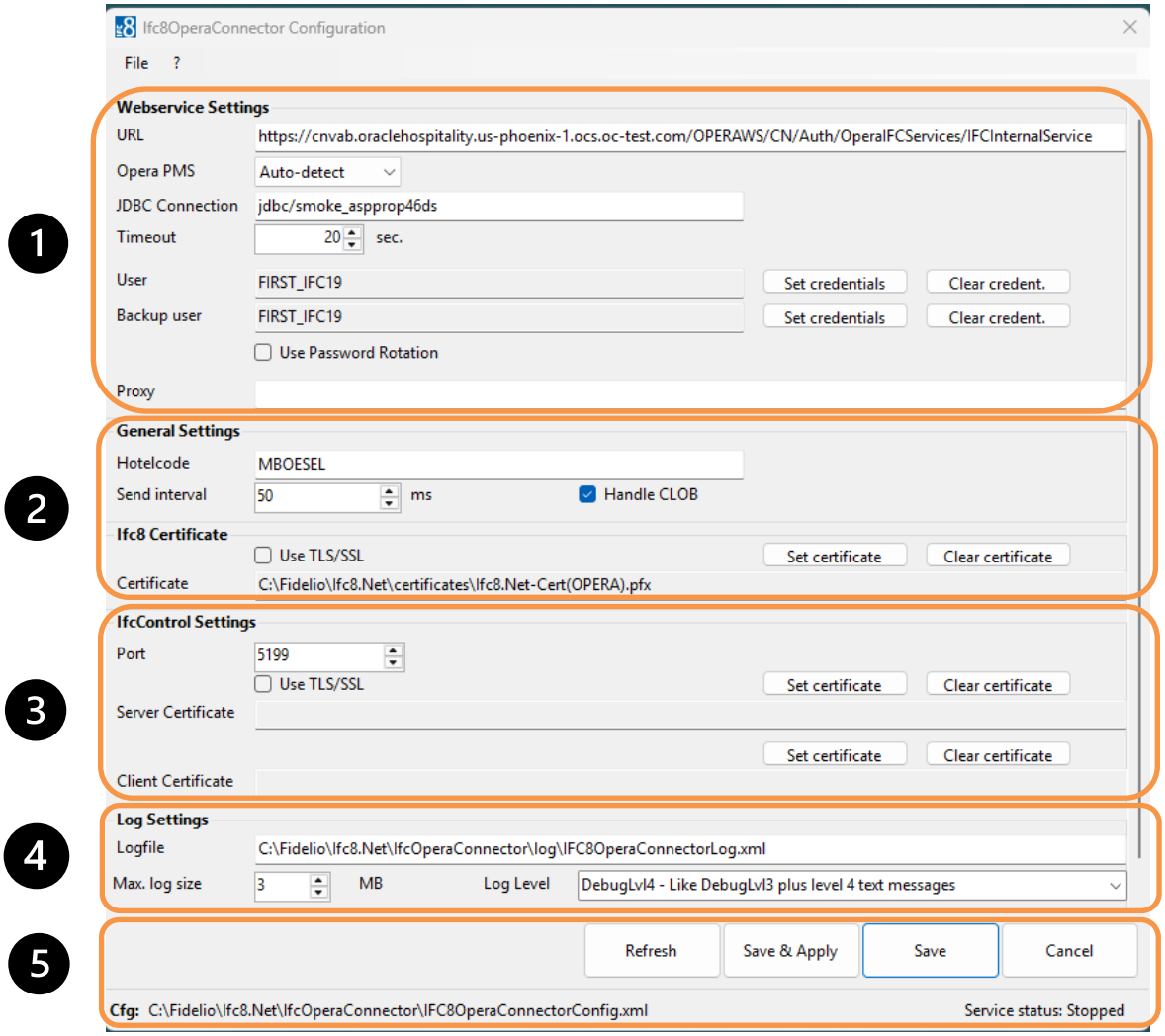
About: Displays Version and Copyright information

Help: Displays Links to further information and support.



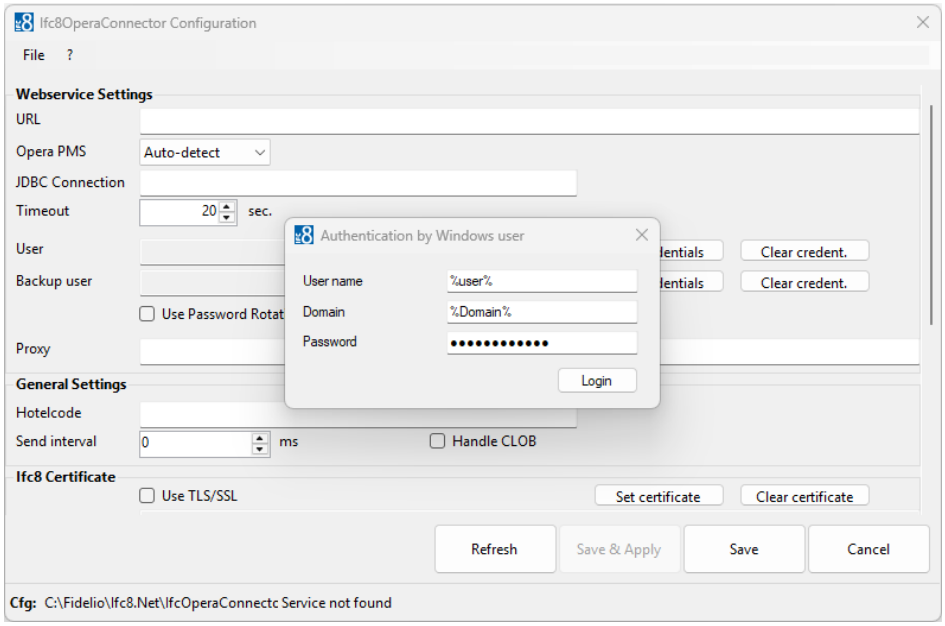
4

Overview Ifc8OperaConnector Configuration Form

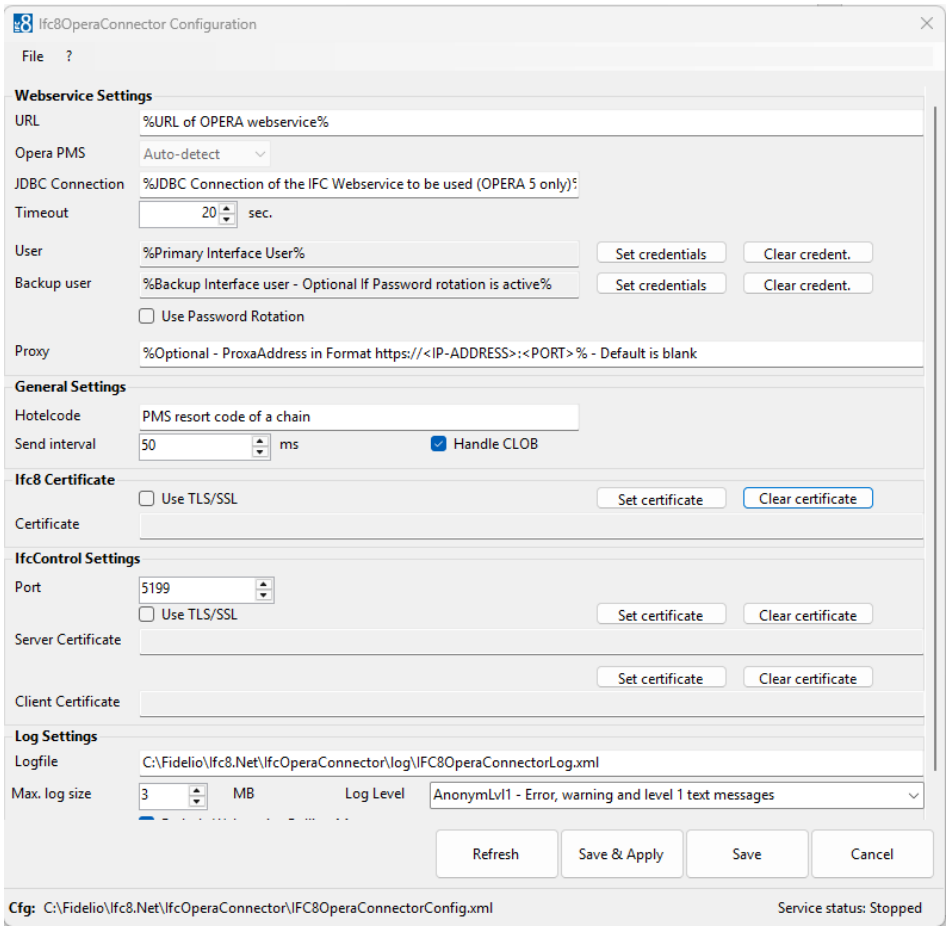


1. Webservice Settings
2. General Settings
3. IfcControl Settings
4. Log Settings
5. Control Sections

Detailed explanation below



Once successfully Authenticated the following Configuration Options are available.



WebService Settings

URL	The Opera URL that services connect to
OPERA PMS	Specifiy the OPERA version (OPERA Cloud or OPERA V5) in case of issues with specific Webservice messages, Default = Auto detect
JDBC Connection	The JNDI Connection for the database.
Timeout	Timeout in secs before Get Call will be terminated and a new call started.
User	The interface User for SSD (Shared Security Domain) or OCIM (Oracle Cloud Identity Manager).
Set Credentials	Ability to set User and Password for SSD or OCIM.
Clear Credent.	The Ability to clear the credentials entered
Backup User	The Backup User for SSD (Shared Security Domain) or OCIM (Oracle Cloud Identity Manager). If Password Rotation is Active.
Set Credentials	Ability to set Backup User and Password for SSD or OCIM.
Clear Credent	The Ability to clear the Backup credentials entered.
Use Password Rotation	Activate Password Rotation. See Notes Below
Proxy:	OPTIONAL Proxy Address in format:http[s]://<IP_Address>:<Port>% Default is Blank.

General Settings

- **Hotel Code**: The Resort Code from Opera PMS
- **Send Interval**: Defaults to 50ms.
- **Handle Clob**: Select to Activate CLOB (Character Large Object) Handling. Needed for Bill View and Large Guest Check Handling as an example.

Ifc8 Certificate

- Use TSL/SSL Select to add a TLS (Transport Layer Security) or SSL (Secure Socket Layer) Certificate.
- Set Certificate Ability to select certificate to use for TLS / SSL communication.

- Clear Certificate Ability to clear out existing TLS/SSL Certificate.
- Certificate: Shows the Certificate in use if configured.

If you wish to create a certificate this will be covered in a later section.

Ifc Control Settings

- Port Denotes the Port to be used for IfcControl communication.
- Use TLS/SSL Use TLS or SSL to secure communication.
- Set Certificate Select Server certificate to use for TLS / SSL communication.
- Clear Certificate Ability to clear out existing TLS/SSL Server Certificate.
- Server Shows Server Certificate currently configured.
- Set Certificate Select Client certificate to use for TLS / SSL communication.
- Clear Certificate Ability to clear out existing TLS/SSL Client Certificate.
- Client Shows Client Certificate currently configured.

Log Settings

- Logfile Location of Ifc8OperaConnector Log File.
- Max. Log Size Maximum Size of Log File before new file is written.

Exclude Webservice Polling Messages:

Used to NOT log sanity check record in the Ifc8OperaConnectorLog.

Default is True.

This is done “unclutter” the log file with hundreds of records that generally does not assist in troubleshooting.

Control Section

Save & Apply Save current Configuration and restart Service.

Save Save current Configuration.

Cancel	Cancel current operation and leave program.
Cfg	Displays the location of the configuration file.
Service Status	Displays the current status of the Ifc8OperaConnector Service. (Stopped, Starting, Stopping or Running)

Once you have completed the necessary configuration, please select **Save & Apply** to complete.

Configuration Changes Log

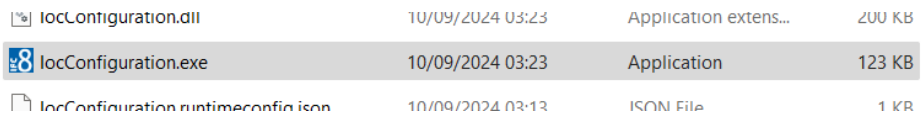
All changes made in the IocConfiguration form will be logged in a log file (IocConfiguration.log) which you can find in the same directory as the IocConfiguration application (IocConfiguration.exe).

It will log the username who accessed the IocConfiguration form, and all parameter changes will be logged.

The logfile can be opened with any text editor.

5
IFC8OperaConnector Configuration After Initial Install

If you need to access the Ifc8OperaConnector after the initial, it can be accessed by executing the IocConfiguration.exe located in the directory selected at the time of installation.



When executed you must Authenticate with a Windows user with **Full** Local **Admin Rights**

6
Password Rotation Explained

Password Rotation with IFC8OperaConnector

About the feature

When selected, this feature allows the Ifc8OperaConnector Controller to automatically create and manage the required Property Interface IFC User Credentials for connecting with OPERA Cloud through automatic password rotation. Automatic password rotation is as the names suggest an automated process where system-generated passwords are periodically changed without manual intervention. This practice enhances security by ensuring that passwords are regularly updated, reducing the risk of unauthorized access. With this feature enabled, you do not need to manually reset the password for any IFC users in future.

Key Considerations

Valid user credentials must be entered during the initial one-time setup.

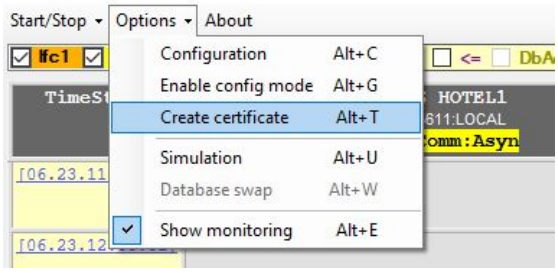
If the checkbox is not selected, the feature will remain disabled. This means the Ifc8OperaConnector will NOT automatically manage the user credentials for you. Therefore, you will need to manually reset the user passwords in OPERA Cloud Role Manager when they expire.

7

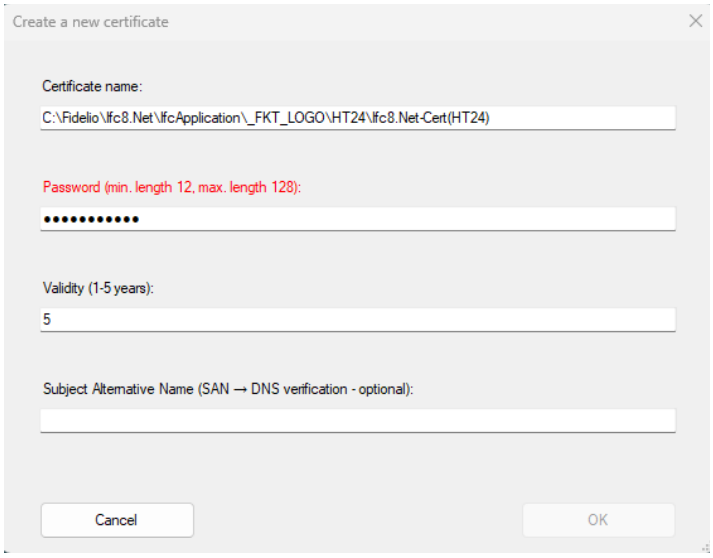
Creating a Certifcate for IFC8OperaConnector

Creating Certificate Through IFC Application

In the IfcApplication slect the **Options** menu and choose **Create certificate**.



A new form “Create a new certificate” opens.



- **Certificate name:** Define path and name of the certificates.
- **Certificate password:** Define the certificate password.
- **Validity:** Length of validity in years

SAN: If a subject alternative name is referred please enter it here (optional)

NOTE:

Password must have min, length of 12 characters,
must contain 1 upper letter, 1 numeric char. And 1 symbol char.

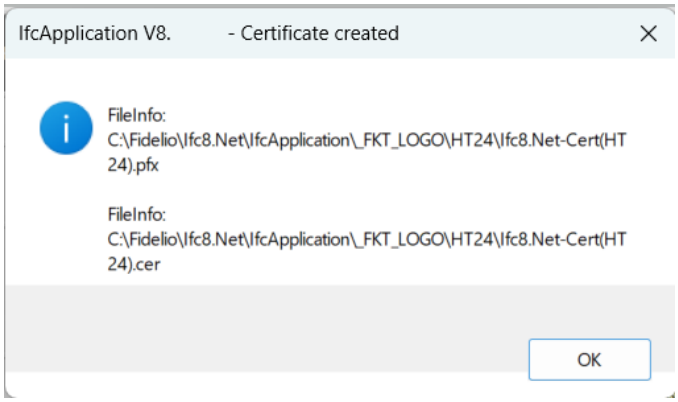
NOTE:

Validity: define the validity of the certificate (in years). must **NOT** be more than **5 years**!!

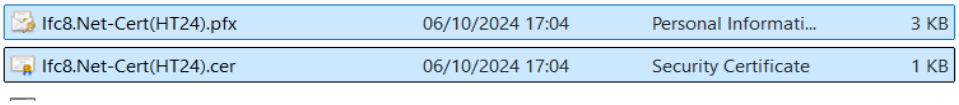
Do not forget to properly note down the password and insure it is passed on to the person(s) responsible on site.

1. Click **Cancel** to revert.
2. Click **OK** to confirm certificate definition.

A confirmation window opens with the certificate path and name.



Find the certificates in the defined directory.



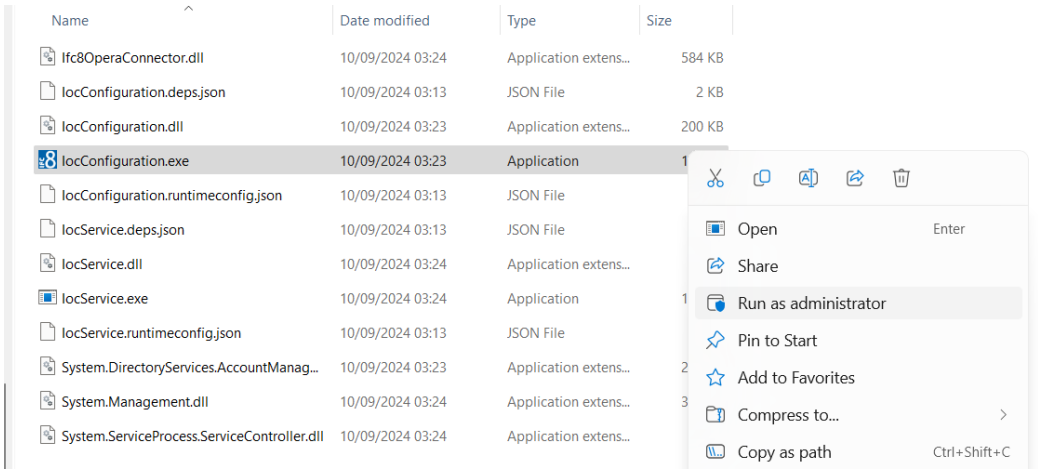
Importing Certificate into Ifc8OperaConnector

To assign a certificate to the Ifc8OperaConnector.

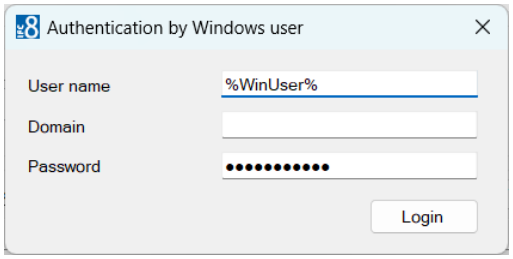
1. Go to the Directory where the **Ifc8OperaConnector** is Installed.

   The default is *C:\Fidelio\Ifc8.Net\IfcOperaConnector*.

2. Launch the IocConfiguration.exe as Administrator.



Windows Authentication is required now.



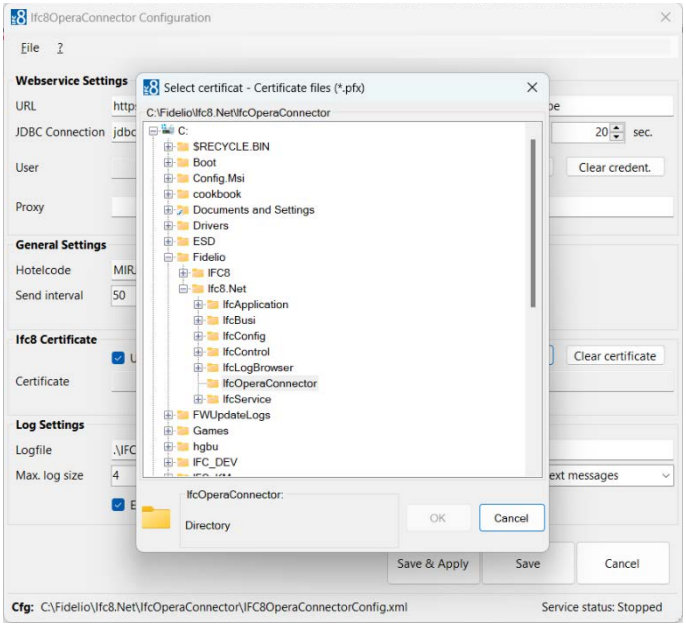
3. Once the Ifc8OperaConnector form opens go to Ifc8 Certificate section and select the **Use TLS/SSL box.**

   Then select **Set Certificate**.



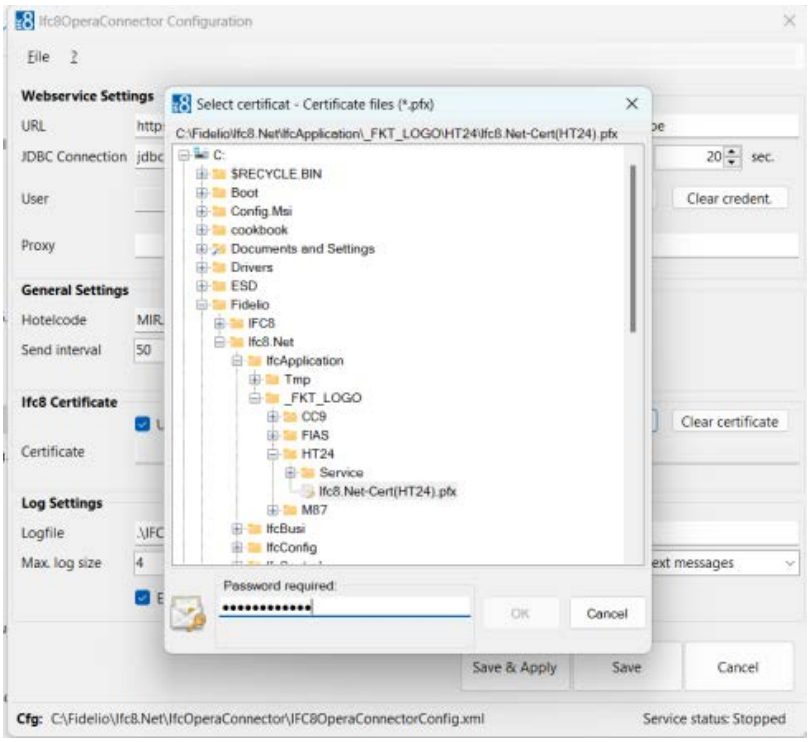
Adding a Certificate

1. Select the the **Set Certificate** button and then select file form will open.



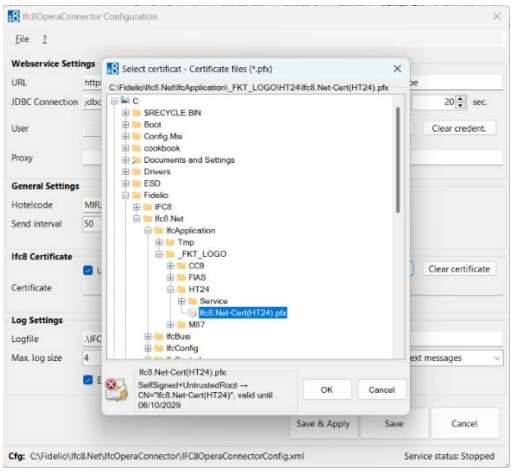
2. Navigate to the directory where your .pfx file is located and choose the certificate (pfx file) to assign.

As the pfx certificate requires a password enter the corresponding password.



3. Select **OK** to confirm certificate choice.

   The form displays the certificate information.

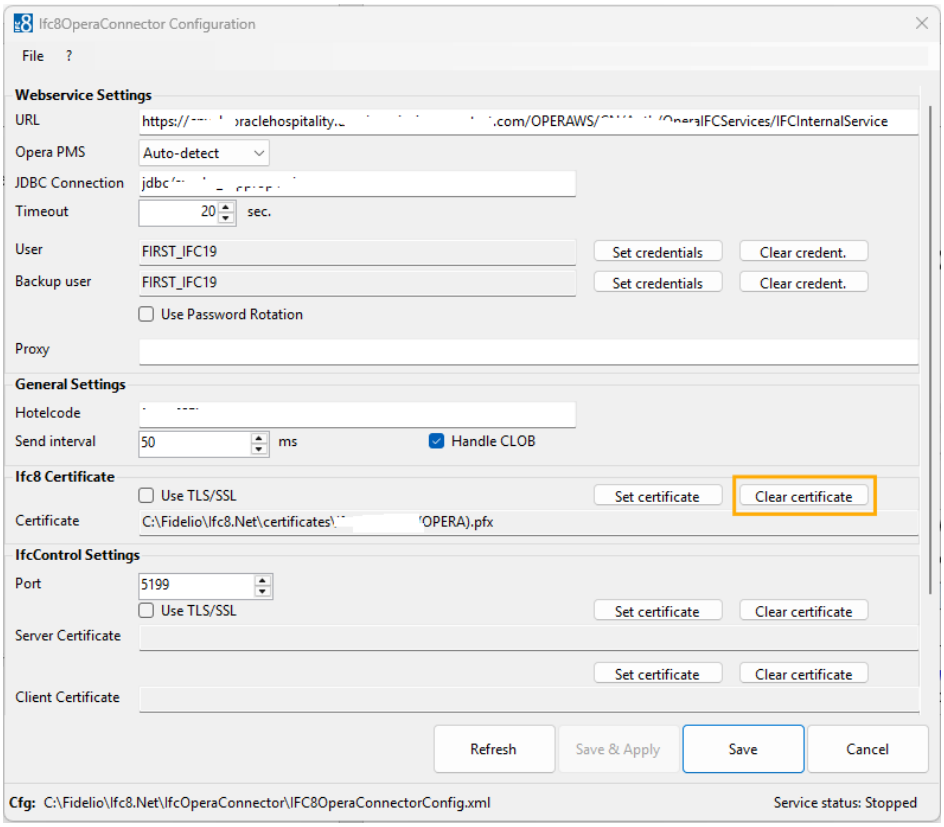


> **NOTE:**
>
> Repeat the process if you wish to add multiple certificates. Each certificate must have a unique name.

Reassigning Certificates

In case existing certificates will be replaced with new ones, the re-assignment will work in a similar way.

First clear out the existing certificate using the clear certificate button.

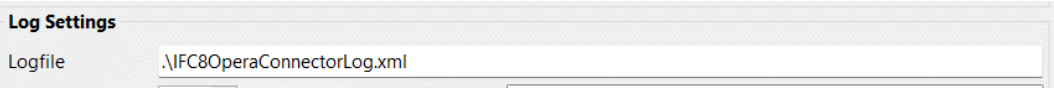


Then proceed to install then new certificate using the Set Certificate Button.

As described above.

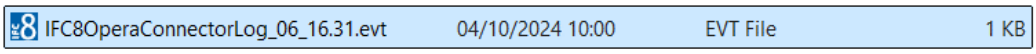
8
IFC8OperaConnector Log files

The Log files can be retrieved and viewed from the directory defined in the Ifc8OperaConnector Configuration.



In this example the directory is the same as the Installation of the **Ifc8OperaConnector.exe** (*C:\Fidelio\Ifc8.Net\IfcOperaConnector*) is the default.

Here you will find the log files in the **.evt** format.



These can then be opened and reviewed using the Ifc8 Log Browser.

A full User Guide to ***Ifc8 Monitoring / Log Browser*** can be found in the books section of the IFC8 Property Interface release. This can be accessed via the help section “?” of the Ifc8OperaConnector menu alternatively by pressing **Alt+H**.