

Oracle® Hospitality Hotel Property Interface

Configuring Routing to Multiple IFC Objects



Release 8.15.0.0
F58408-01
June 2022

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Hospitality Hotel Property Interface Configuring Routing to Multiple IFC Objects Release 8.15.0.0

F58408-01

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Preface

Purpose

This guide explains the handling of the Ifc8.Net Configuration in regard to Configuration of routing to multiple IFC objects.

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 My Oracle Support at the following URL:

<https://support.oracle.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
- Email address of contact person

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
June 2022	Initial publication

1

General

IFC8 is used as the primary Property Interface application with Oracle Suite8 PMS and Oracle OPERA PMS (on-Premises & Cloud).

IFC8 is intended to be installed at the customer site for communication with certain external systems utilized by the site.

This document will outline the common configuration and handling of the Ifc8.Net application regarding IFC Object routing.

2

Configuration of Routing

IFC supports multiple connections to vendor systems by configuring multiple IFC objects within IFC8Config.xml.

For example, this could be multiple connections to individual key encoders, POS Terminals, or PDQs / EFTPOS Terminals.

Selectors

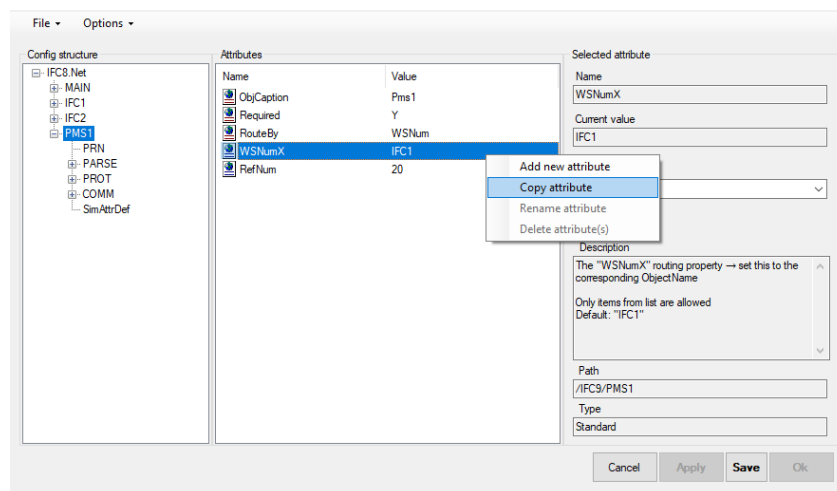
There are two selection possibilities to route by:

1. WsNum (Workstation Name)
2. KeyCoder (ID of a key coder or EMVPED/PDQ/EFTPOS Device)

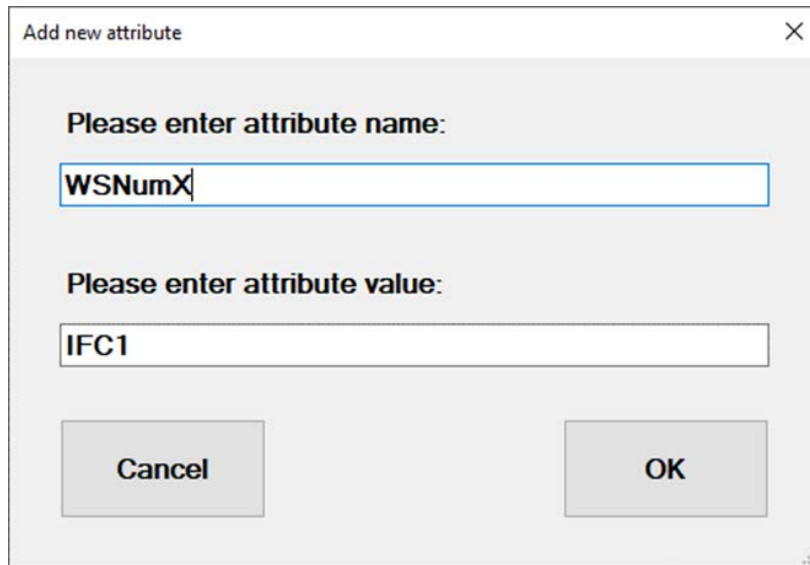
Configuration by WsNum

The configuration is done in the IFC8 XML PMS Object.

1. Access the XML as below and mark the WsNumx (Default) attribute.
2. Right-click and select **Copy Attribute**.

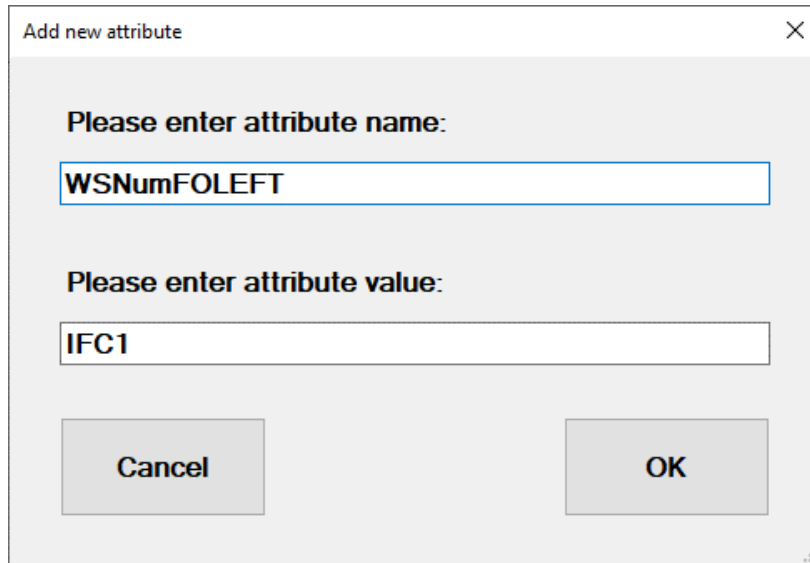


A new screen will open, and here you update the Attribute Name. You can replace the X with the Workstation name you wish to route.



The screenshot shows a dialog box titled "Add new attribute" with a close button (X) in the top right corner. It contains two input fields. The first field is labeled "Please enter attribute name:" and contains the text "WSNumX". The second field is labeled "Please enter attribute value:" and contains the text "IFC1". At the bottom of the dialog, there are two buttons: "Cancel" on the left and "OK" on the right.

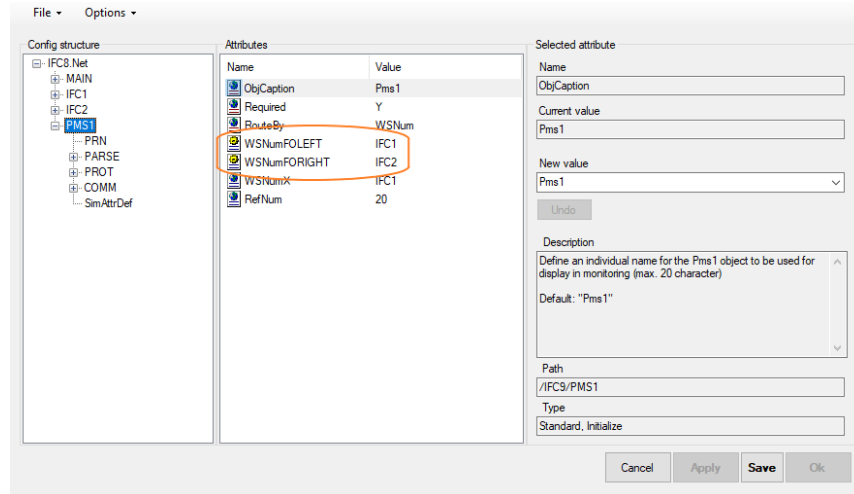
In this example, **FOLEFT** is the workstation name.



The screenshot shows a dialog box titled "Add new attribute" with a close button (X) in the top right corner. It contains two input fields. The first field is labeled "Please enter attribute name:" and contains the text "WSNumFOLEFT". The second field is labeled "Please enter attribute value:" and contains the text "IFC1". At the bottom of the dialog, there are two buttons: "Cancel" on the left and "OK" on the right.

3. Enter the corresponding IFC Object you wish to route to and close this operation by selecting **OK**.
4. Repeat this operation for each workstation required by closing the configuration by selecting **Apply** and **Save**.

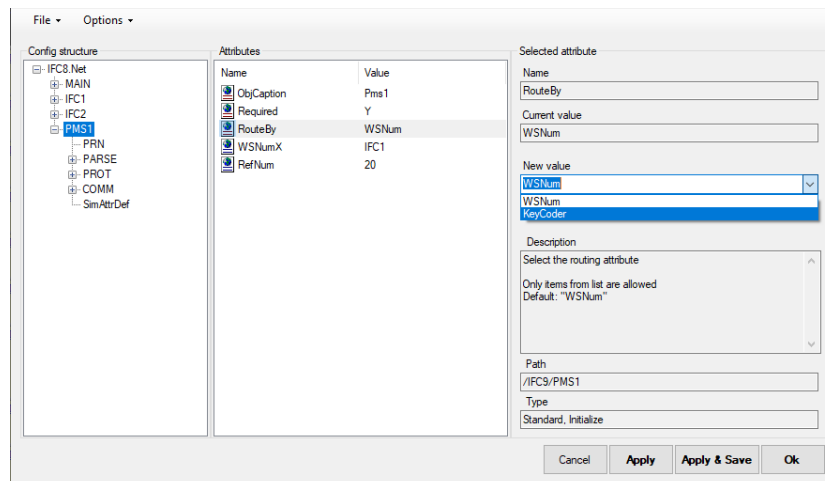
Once completed, you may have something like this example



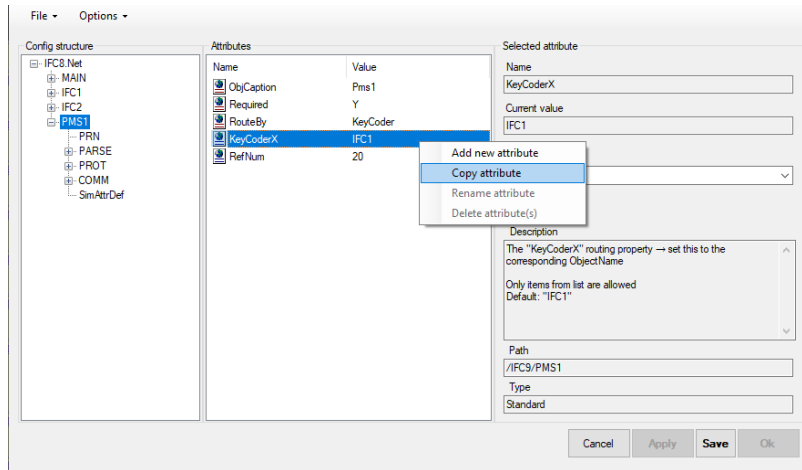
Configuration by KeyCoder

1. Change the selector from **WsNum(Default)** to **KeyCoder**.

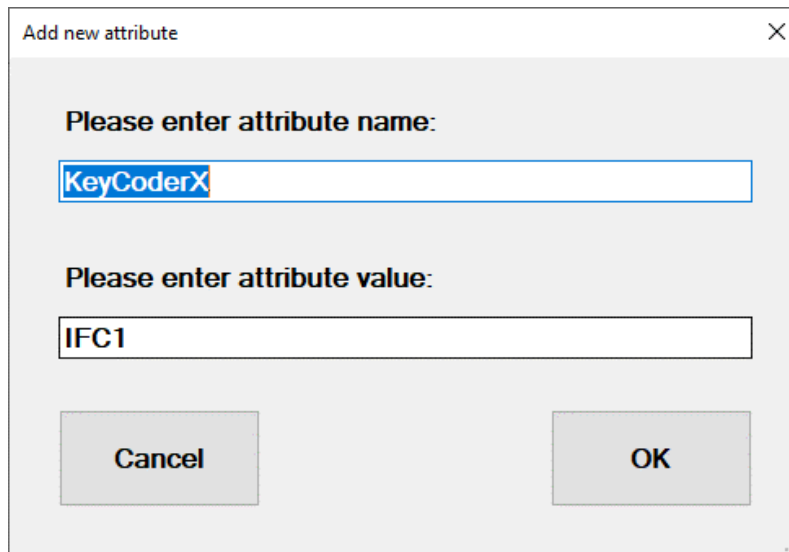
You can do this by changing the selection in the RouteBy attribute. Finishing by selecting **Apply** and **Save**.



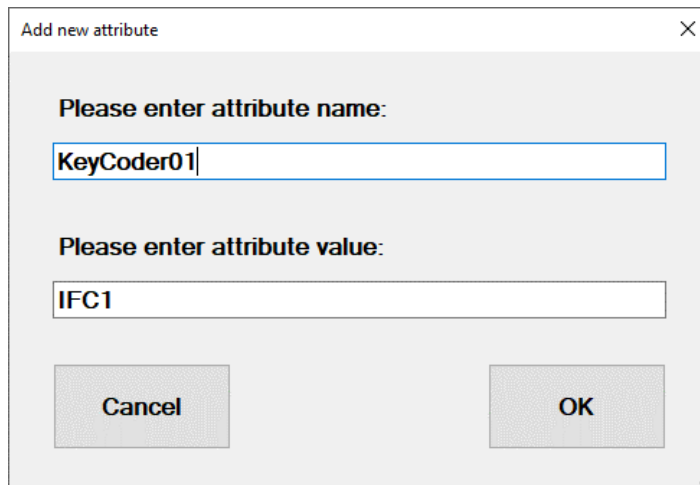
2. Copy the KeyCoderX Attribute (Default).



A new screen will appear where the default value is replaced with the correct entry.

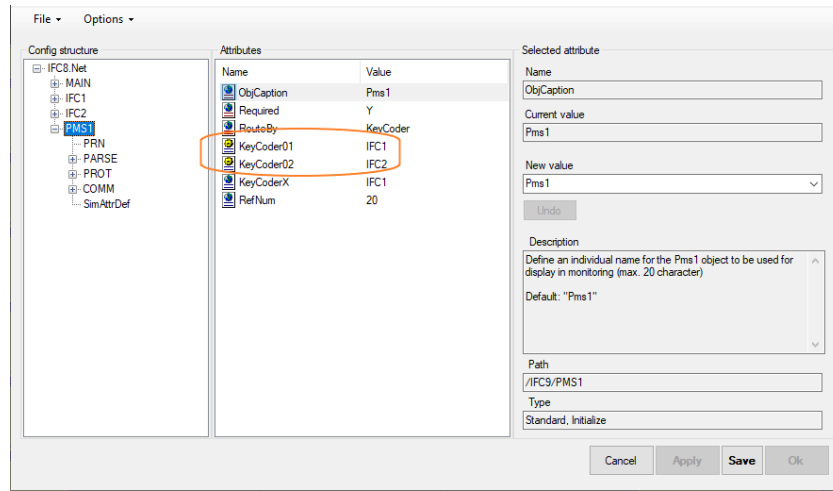


In this example, you can do this by replacing the X with the correct entry, 01 in this example.



3. Finish by selecting **OK**.

- Repeat this action for each KeyCoder for which configuration is required.
- Once completed, select **Apply & Save** to save your configuration.



3

Oracle Hotel Mobile EFT XML_OPI

With Hotel Mobile, the EMV device is no longer attached to a fixed PMS Workstation, so the user chooses the EMV Device where the payment shall be processed.

Therefore, in IFC8, we need a different way other than routing the request as per the WsNum attribute received from PMS.

Here the route by KeyCoder Attribute has been added.

When a payment request is made from RestAPI/KIOSK IFC, a KeyCoder attribute will be sent to IFC8 - IFC will then route to the related IFC object as defined in IFC8Config.xml.

WsNum attribute is thus no longer required.

A sample setup for this type of configuration:

