

Oracle® Hospitality Hotel Property Interface IFC8 Configuration



Release 8.14.12.1
F48077-01
September 2021

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

ORACLE®

Oracle Hospitality Hotel Property Interface IFC8 Configuration Release 8.14.12.1

F48077-01

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Preface

IFC8/IfcApplication is part of the Hotel Property Interface (IFC8) as of Version 8.14.0.0.

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

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

Purpose

This guide explains the common parts of the Hotel Property Interface (IFC8) Configuration form.

Audience

This document is intended for consultants, technical support teams, product specialists, and others who are responsible for setting up the Oracle Hospitality Hotel Property Interface with the Oracle Hospitality Suite8 and OPERA Property Management Systems.

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
- Screenshots of each step you take
- Your contact details including an email address.

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
July 2019	<ul style="list-style-type: none">• Initial Publication
June 2021	<ul style="list-style-type: none">• Update of screenshots• Added new functionality description
August 2021	<ul style="list-style-type: none">• Review in respect to version 8.14.12• Updated Screen Shots• Added new functionality description
September 2021	<ul style="list-style-type: none">• Review in respect to 8.14.12.1

1

Configure IFC Application

Each connection to a property vendor system requires its instance of IFC8.

After installation of the Hotel Property Interface program (IFC8) configuration is needed to communicate with the vendor system.

IFC8 will use a configuration file it starts against reading all the configuration sets. The IFC8 instance creates the configuration file at the initial start.

There are two options for configuring the IFC8 instance:

- **Configure a new Interface**
a new configuration file will be created
- **Migrate from existing IFC8.13 Interface**
an existing configuration file will be used

The following sections describe the basic creation or migration of the configuration file and settings:

Prerequisites

- User needs a valid Local PC user and password with FULL administrative rights
- **For Suite8 installations**, the user needs a valid Suite8 user account and password with Supervisor rights. Must not be an Interface user account
- **For Suite8 installations**, the user needs the Database credentials to allow IFC8 to access the database at runtime.

Option 1: Configure a new Interface

1. Execute IfcApplication.exe – usually located in C:\FIDELIO\Ifc8.Net\IfcApplication

> FIDELIO > Ifc8.Net > IfcApplication

Name	Date modified	Type	Size
Tmp	18.08.2020 14:30	File folder	
IfcApplication.exe	17.07.2020 01:14	Application	3.772 KB

IfcApplication will automatically create a new configuration file (Config.xml) which contains all necessary tags and default settings.

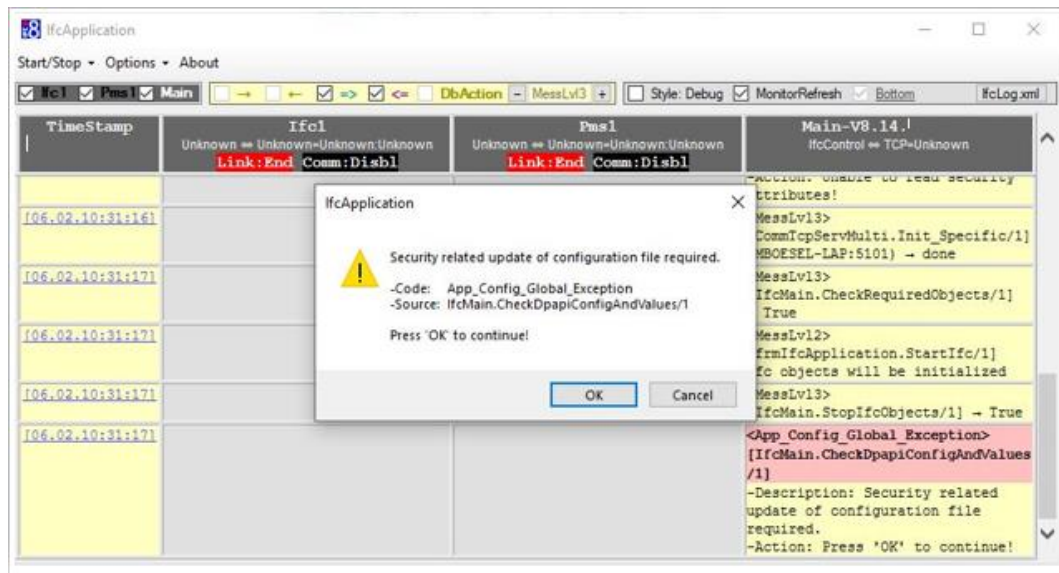
NOTE:

IfcApplication.exe will start against this file to load related configuration. After your configuration is completed, you will need to create a shortcut for launching the IfcApplication instance.

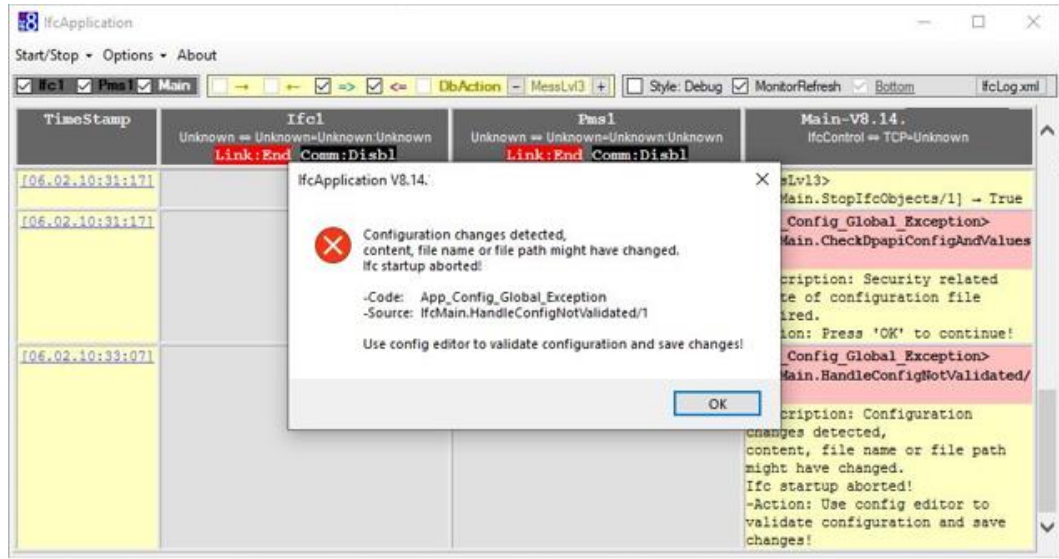
The related section can be found later in this document.

IfcApplication will launch a series of pop-up messages.

The following messages appear as the current new **Config.xml** has no validated data.



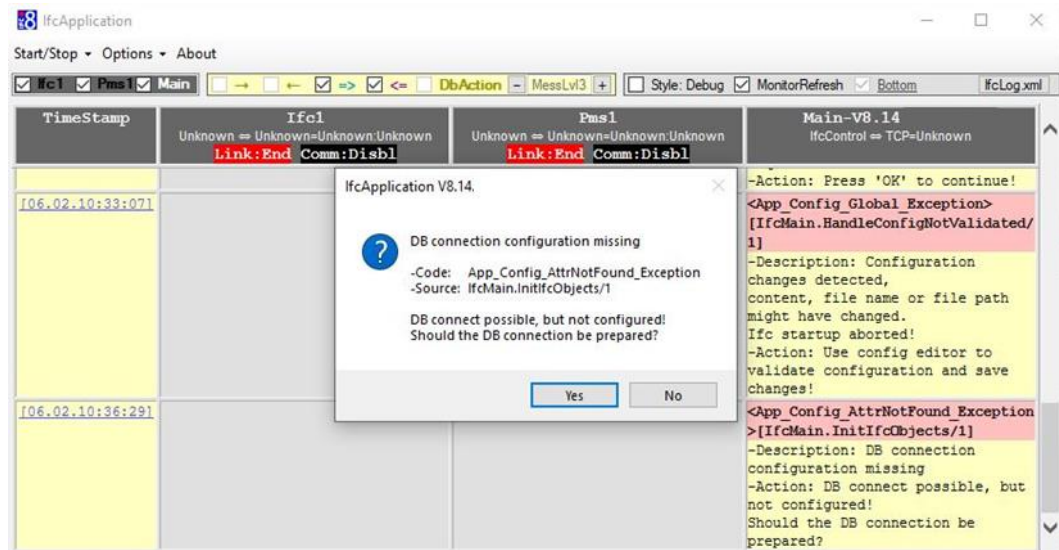
2. Click **OK** to continue.



3. Click **OK** to continue.

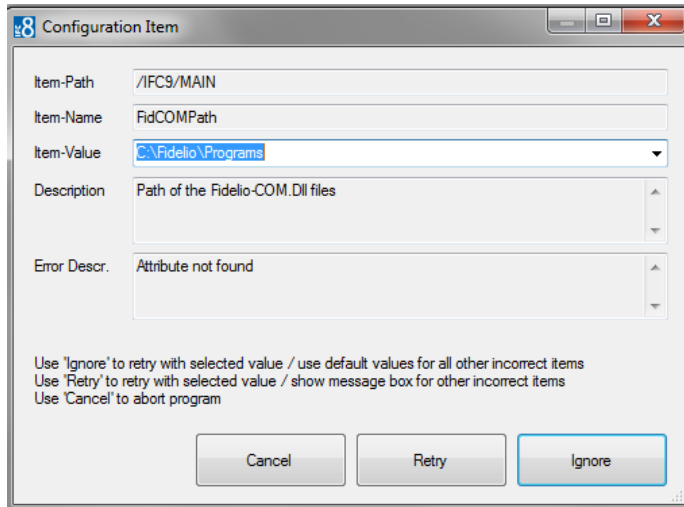
IfcApplication might detect Suite8 client files located and registered on the IFC PC. So it assumes the configuration of IFC is for Suite8 PMS – thus the message below notes that the Suite8 Database credential configuration is missing.

4. Select **Yes** to add the related configuration into the Config.xml file.



This warning will not occur when there is no oracle / Suite 8 client installed or in other words you are creating a new installation for OPERA PMS.

5. Click **Yes** to continue and a further configuration item window will open:

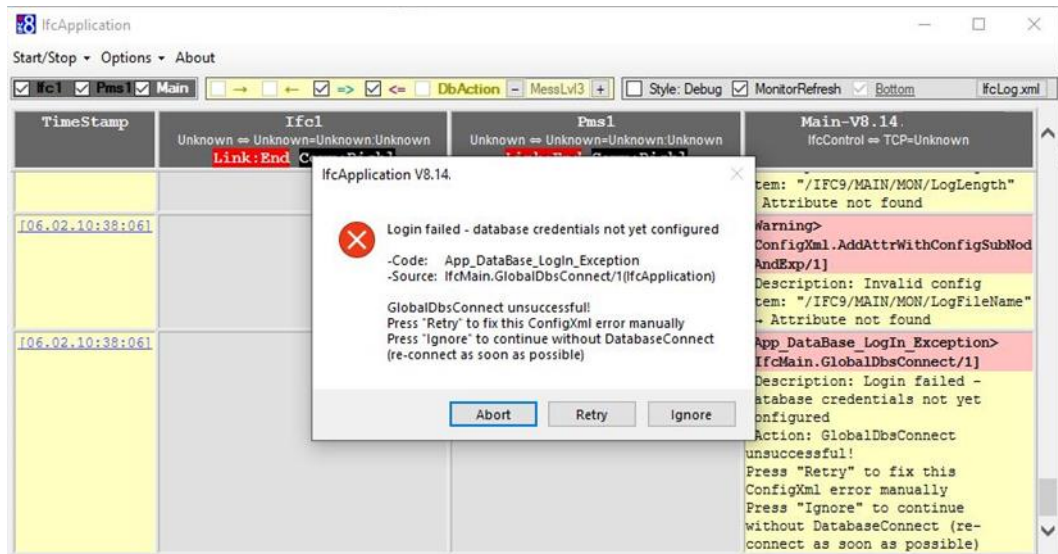


This message denotes that some configuration attributes are missing in the Config.xml file.

Define the path of the Suite8 client program files (default is c:\fidelio\programs).

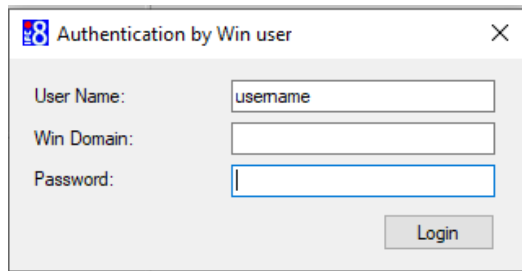
6. Click **Ignore** to retry with selected value/use default values for all other incorrect items – IFC will populate configuration with default values. This is the recommended option.
7. Click **Retry** with selected value/show message box for all other incorrect items
8. Click **Cancel** to abort the program.

If a Suite8 client is installed (not Opera PMS) the following message appears:



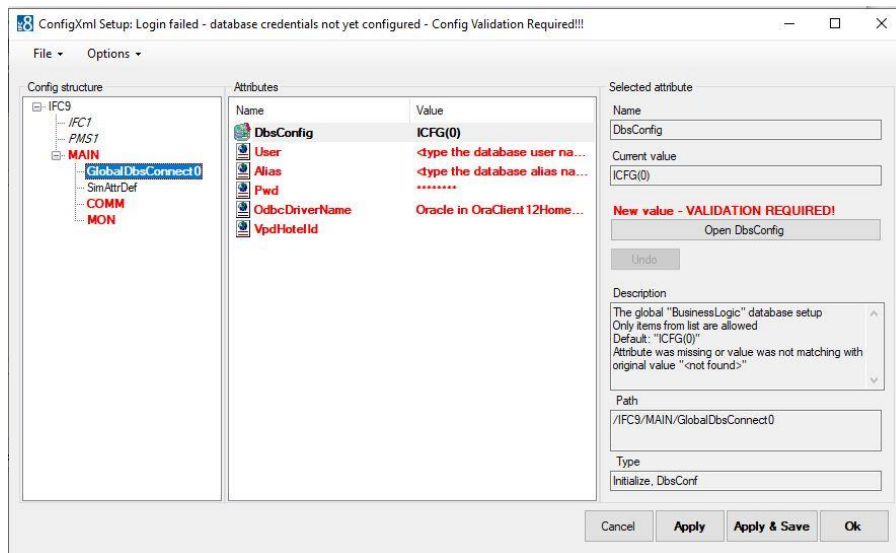
This message indicates that the default used Suite8 Database access credentials are incorrect.

9. Select **Retry** to switch to DB login credential settings and enter the correct DB user, alias, and password in the Configuration form. This is the recommended option.
10. Select **Ignore** to continue the setup wizard without Database connect. Access to the configuration in DbConfig is not possible.
11. Select **Cancel** to abort the program.
12. On Selecting **Retry** IfcApplication will open a Window to authenticate access to configuration.



13. Enter the local Windows User credentials to authenticate access to the configuration form.

For a more detailed explanation go to the [Authentication by WinUser](#) section.
 After entering the Windows user authentication credentials the Editor for Config.xml form will open at the IFC9 / Main / GlobalDbsConnect1 node.



14. In the MAIN/GlobalDbsConnect0 node enter the DB credentials

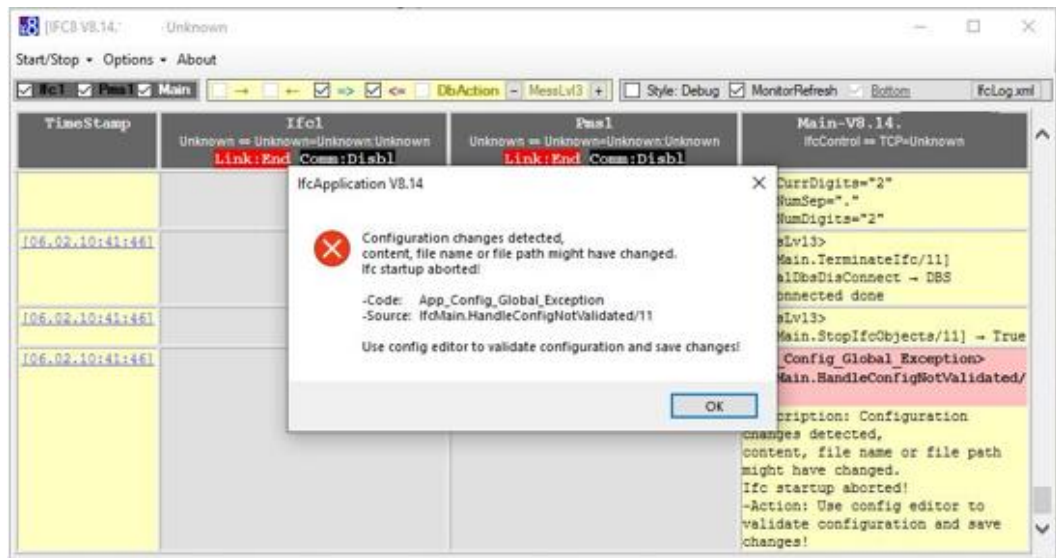
Available parameters:

Parameter	Value	Notes
DbConfig	ICFG(0)	Access the global "Business Logic" database setup (Suite8 only)

Parameter	Value	Notes
User	DB User	Database user name Default: V8Live (Suite8 only)
Alias	DB Alias	Database Alias (as of TnsOra) Default: V8 (Suite8 only)
Pwd	DB User password	Database user password Default: <type your password here> (Suite8 only)
OdbcDriverName		Force the ODBC driver name for ORACLE database connection, set this to [Empty] if Ifc8 should be select the driver automatically Default: Oracle in CLIENT (Suite8 only)
VpdHotelId		The HOTEL_ID for a VPD database context (Suite8 only)

15. Then select **Apply**.

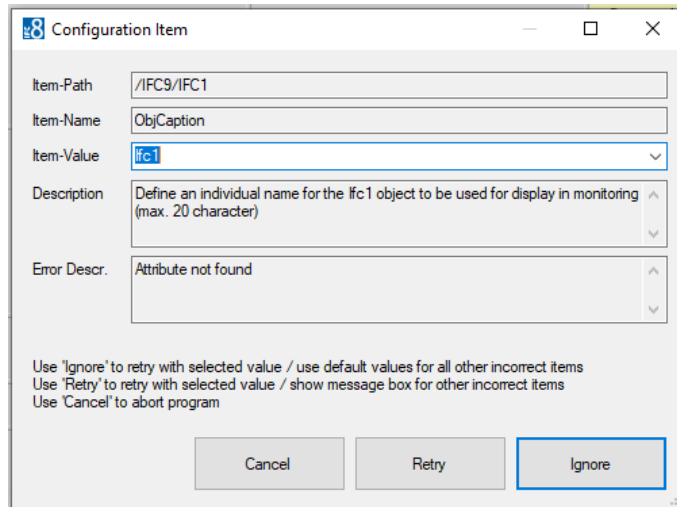
IfcApplication will reinitialize and then another warning message will pop up:



16. Confirm this message with **“OK”**

Another form will pop up.

IfcApplication will add further attributes.



You can give the related IFC object a name for better visualization of which vendor system is connected.

Default = Ifc1

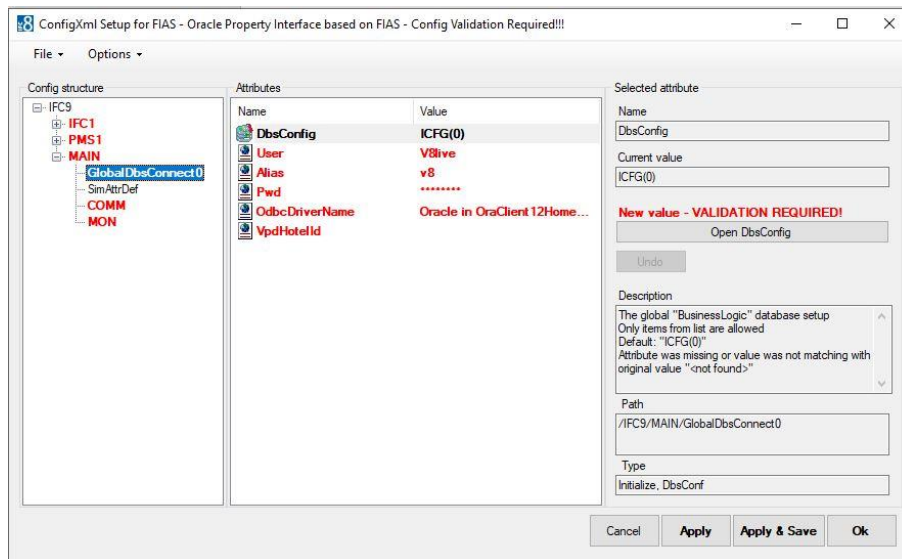
There is no need to change this value but it does help users for clarity.

17. Continue with selecting **Ignore** button.

All missing attributes will be added to the Config.xml file and filled with default values.

18. Click **Ignore** to use the default values.

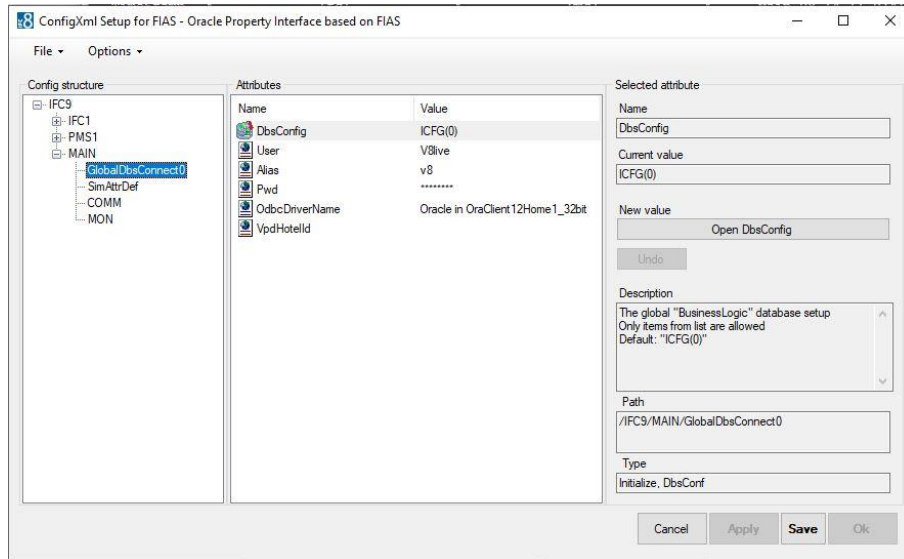
The Configuration form will appear again with all attributes red-colored.



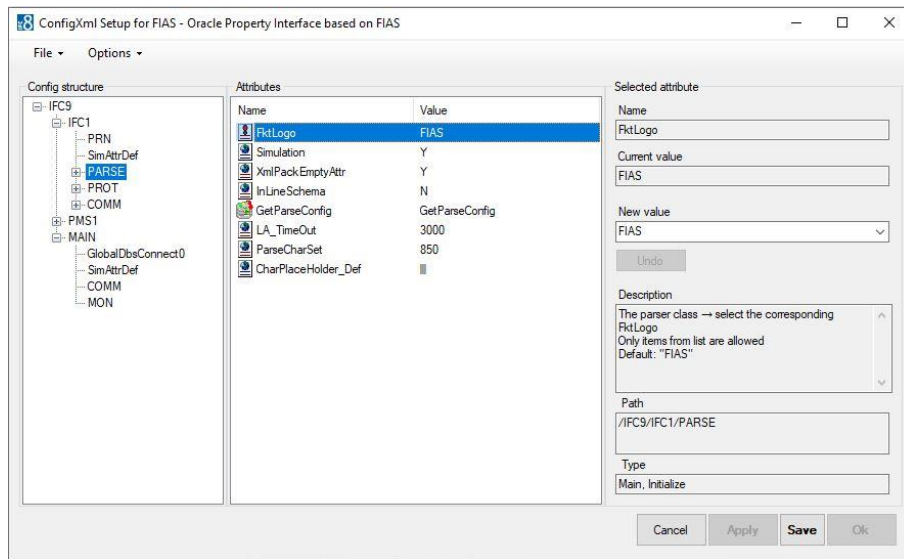
19. Click **Apply** to confirm the current settings.

IfcApplication will internally validate the current settings.

IFC reinitializes and then shows proper configuration nodes and attributes without left red marked entries.



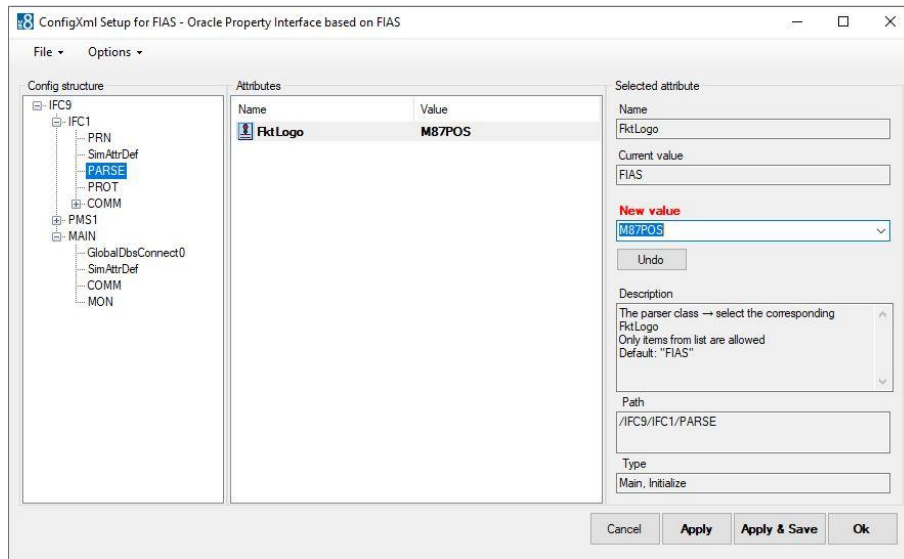
In IFC1/PARSE/FktLogo node select the desired FKT Logo (Parser) to use.



 **NOTE:**

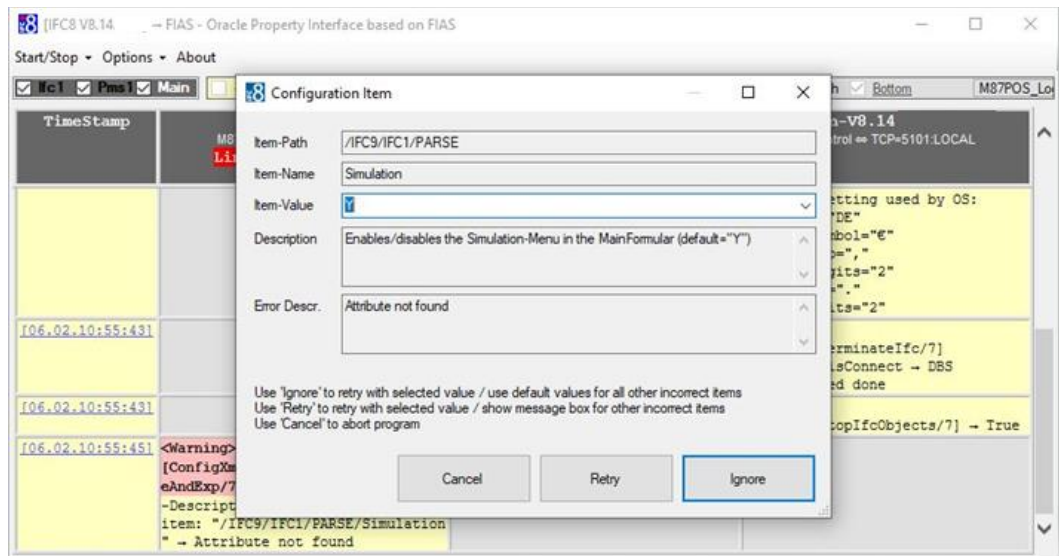
FKT Logo is the internal code of the related Interface protocol (Message offset) IFC8 shall use to communicate with the connecting vendor system.

In the value list, all supported FKT Logos are listed with names. If your issue is not finding the correct FKT Logo for your vendor system, contact your Account Manager or Oracle Interface support.

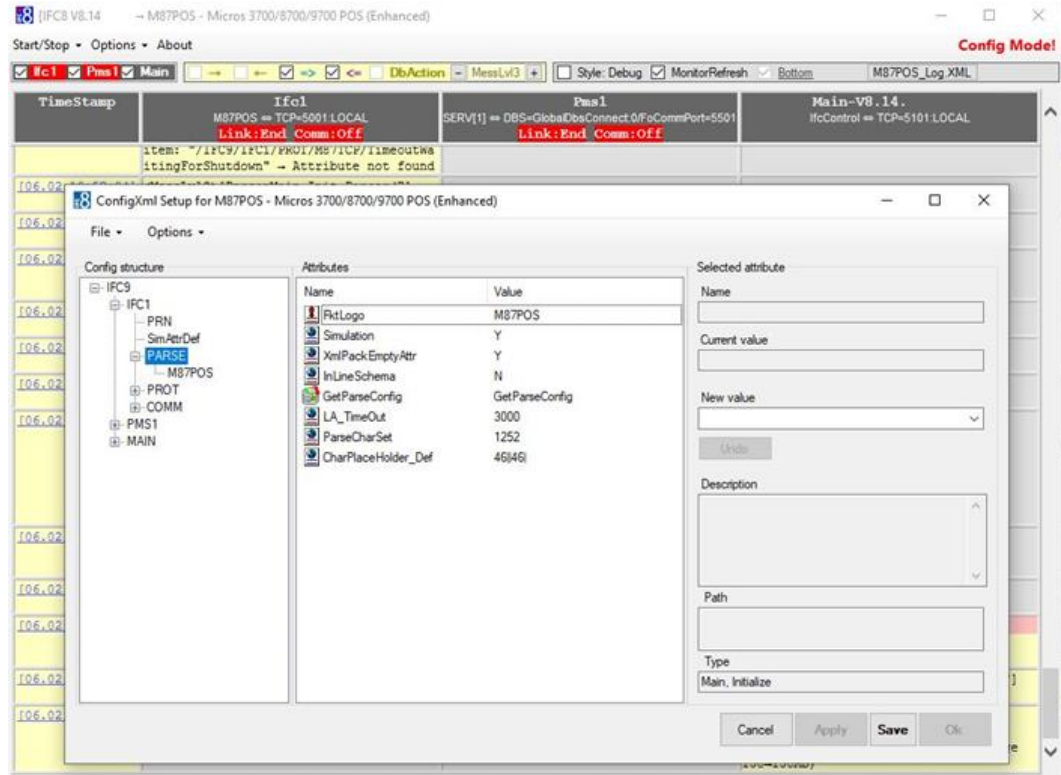


20. Click **Apply** to confirm the value.

The new Fkt Logo will now have new configuration attributes. A form will pop up:



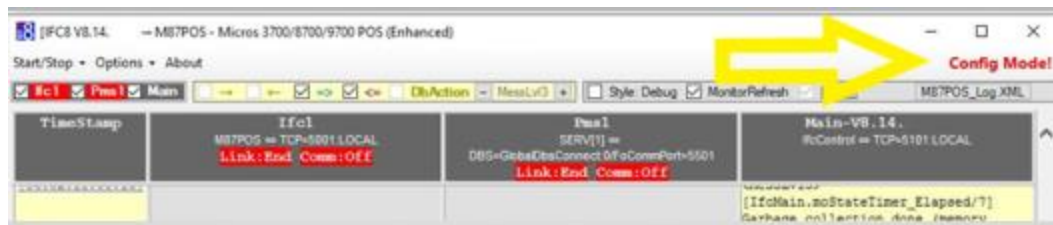
21. Click **Ignore** to confirm new attributes with default values.



It is now recommended to save the new Config.xml file.

22. Go to the [Save the Config.XML file](#) section for details.

Note that the interface has turned its status into **Config Mode**:

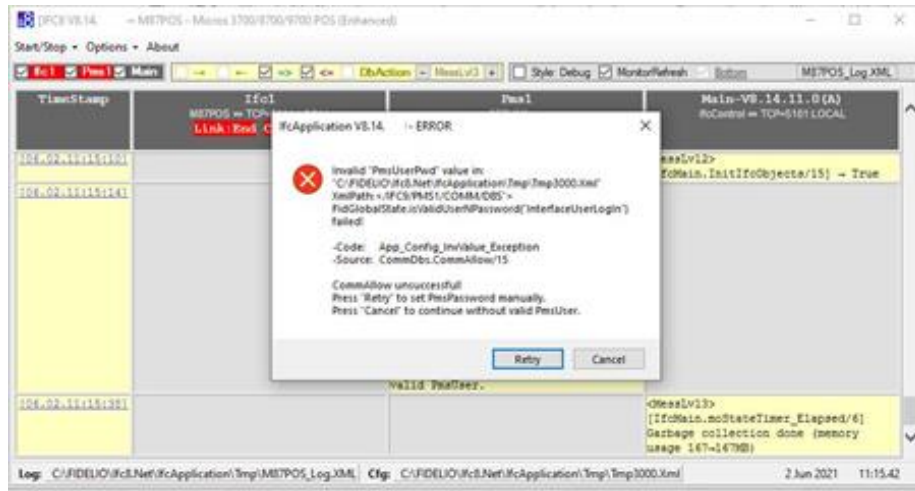


This means the Interface has shut down communication with the vendor and PMS modules (Suite8 or OPERA).

23. To turn off Config Mode select **Options – Disable config mode**.



The Interface will reinitialize, however, it is possible that due to missing configuration it will not initialize with the Vendor or PMS.



In this case, continue with Configuration of the Interface via [the Configuration form editor](#).

Option 2: Migrate from existing IFC8

NOTE:

Make sure the config.xml file to migrate was started with an IFC8 VB6 version 8.13.x to ensure all attributes and values will be able to convert.

So in case an upgrade from an older IFC8 version to 8.14.x is planned, first upgrade the existing IFC8 version to IFC8.13.x before upgrading to IFC8.14.x

Copy the configuration file (XML) of the existing IFC8 installation to a new folder.

If you are not sure where to find them please review your existing shortcuts.

Recommendation

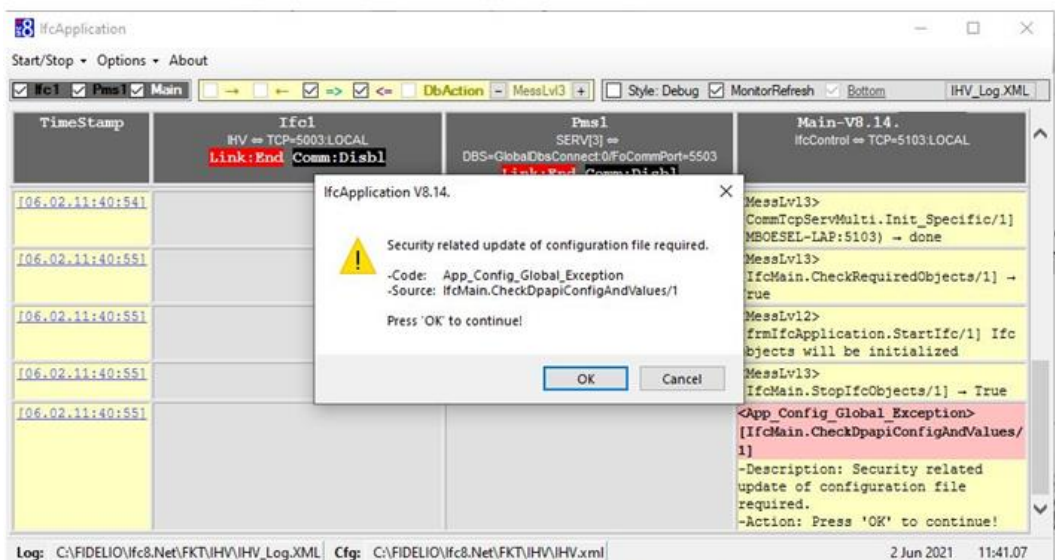
1. Copy the file to a subfolder of c:\fidelio\Ifc8.Net\IfcApplication (freely definable) using the IFC8 FKT Logo as the directory name.

Example: c:\fidelio\Ifc8.Net\IfcApplication\IHV\ (for the IHV Interface)

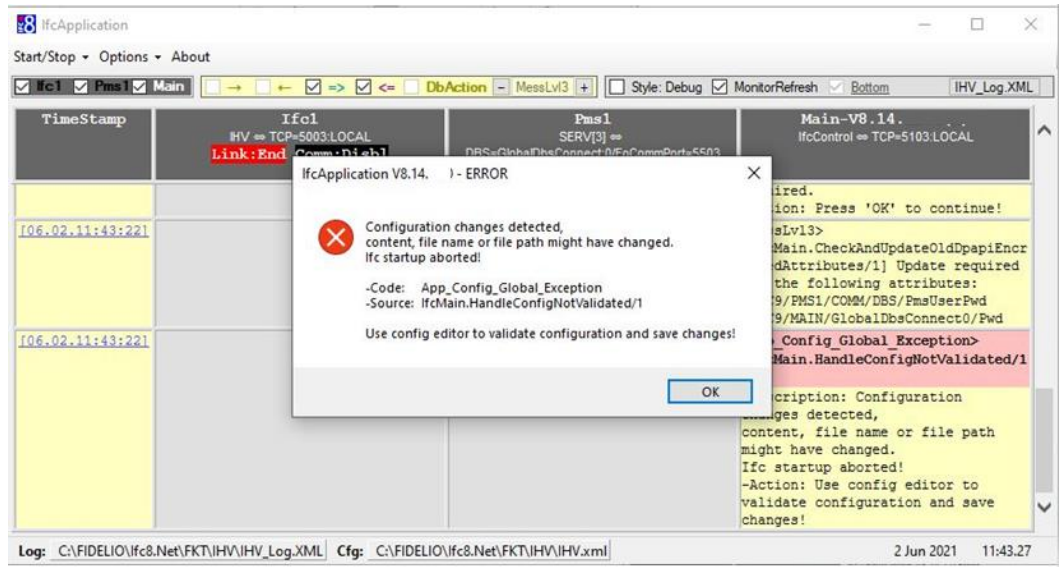
2. Create a shortcut to start IfcApplication and call this Config.xml
See section “[Create Shortcut](#)” for details.

3. Start the IfcApplication via shortcut.

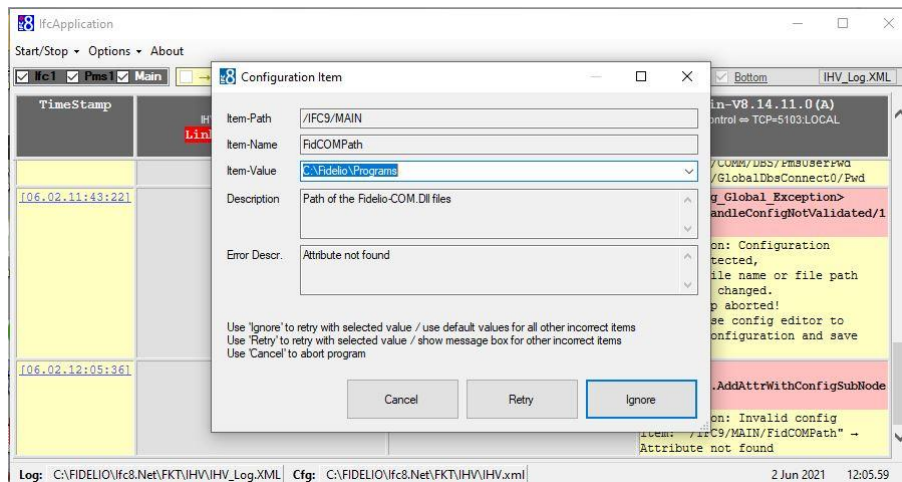
The First message will pop up because of security-related updates.



4. Click **OK** to continue.



The IfcApplication will read the Config.xml and will add any missing attributes to it.



When IFC8 connects with Suite8 PMS the above path of the location of the Fidelo Program files needs to be verified by the user.

5. Click **Ignore** to continue with default values for all missing attributes.
6. Click **Retry** to confirm the selected value and show a message box for the next incorrect or missing attribute.

Possible attributes that you might need to verify:

In each case, the combination of the Item-Name and the Description text will explain what the value is used for. Generally, there is no need to change the Default Value.



NOTE:

Use the Default Values unless you have an explicit need for a change.

If in doubt please verify with your support team or Oracle support.

Configuration Item dialog showing Item-Path: /IFCS/MAIN, Item-Name: ShutdownTimeout, Item-Value: 8. Description: The maximum "ShutdownTimeout" property → wait for selected timeout (in seconds) before a forced shutdown is performed.

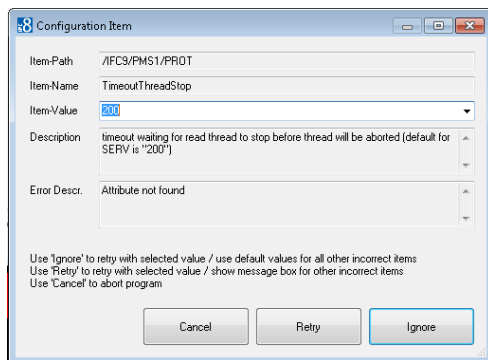
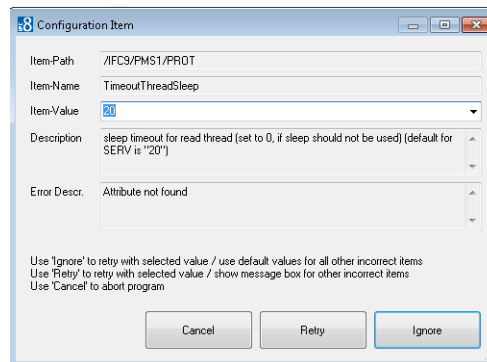
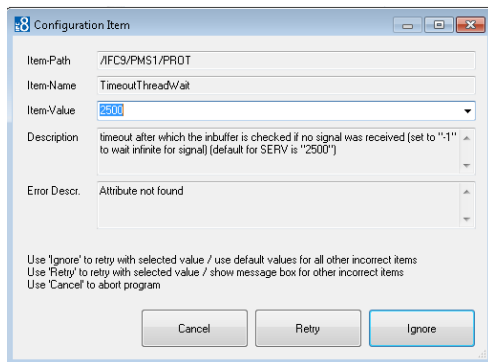
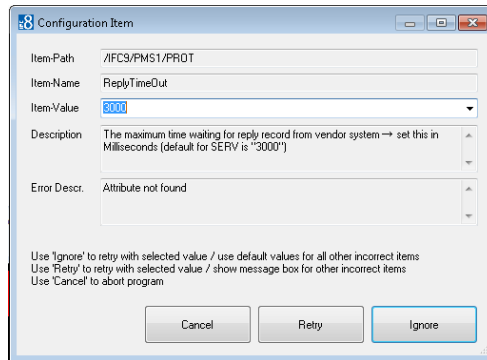
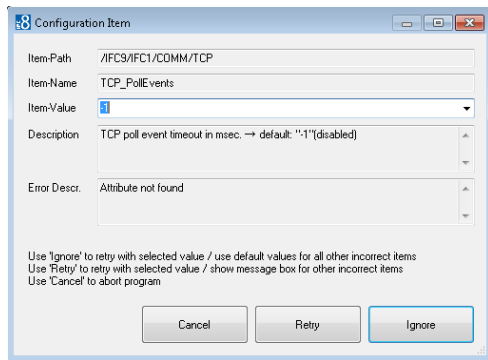
Configuration Item dialog showing Item-Path: /IFCS/IFC1/PROT, Item-Name: ReplyTimeOut, Item-Value: 6000. Description: The maximum time waiting for reply record from vendor system → set this in Milliseconds (default for IHV is "3000").

Configuration Item dialog showing Item-Path: /IFCS/IFC1/PROT, Item-Name: TimeoutThreadWait, Item-Value: 6200. Description: timeout after which the inbuffer is checked if no signal was received (set to "1" to wait infinite for signal) (default for IHV is "2500").

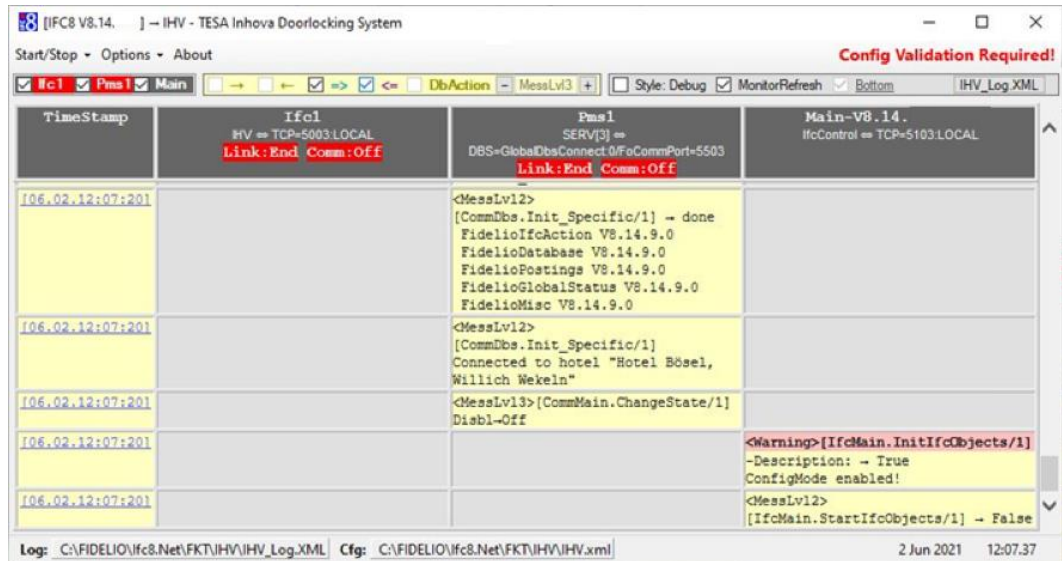
Configuration Item dialog showing Item-Path: /IFCS/IFC1/PROT, Item-Name: TimeoutThreadSleep, Item-Value: 0. Description: sleep timeout for read thread (set to 0, if sleep should not be used) (default for IHV is "20").

Configuration Item dialog showing Item-Path: /IFCS/IFC1/PROT, Item-Name: TimeoutThreadStop, Item-Value: 600. Description: timeout waiting for read thread to stop before thread will be aborted (default for IHV is "200").

Configuration Item dialog showing Item-Path: /IFCS/IFC1/PROT/LLC_BMP, Item-Name: TimeoutWaitingForShutdown, Item-Value: 10000. Description: The maximum time waiting for current send/received sequence to finish, if shutdown was requested → set this in Milliseconds (default for IHV is "10000").

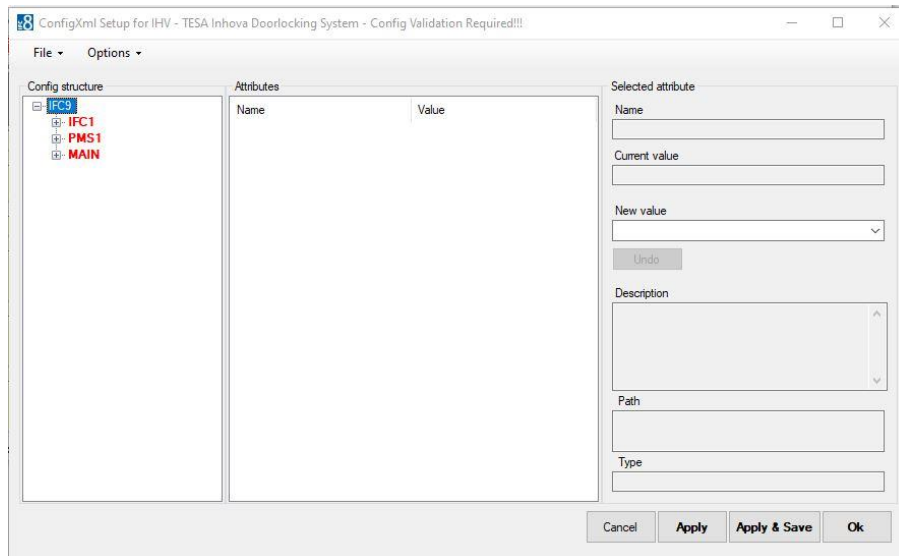


IFC8 will go on, changes its status into “Config mode”, and will first require validation of current configuration (**Config Validation Required!**) as read from the config.xml file.

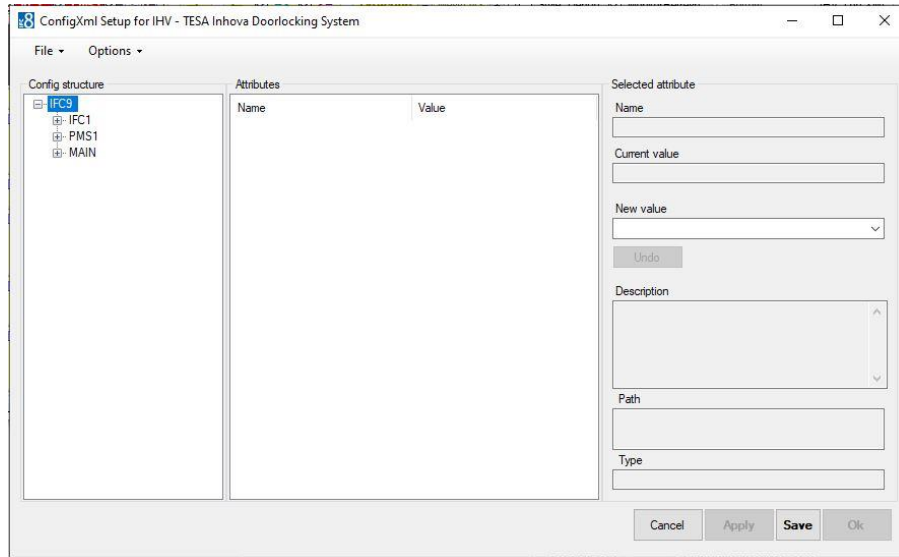


The IFC will not allow communication with the vendor side and with the PMS side (Suite8 or OPERA).

7. Access the Configuration Editor (Options – Configuration – access with user authentication) and you will find all config parameters colored in red.

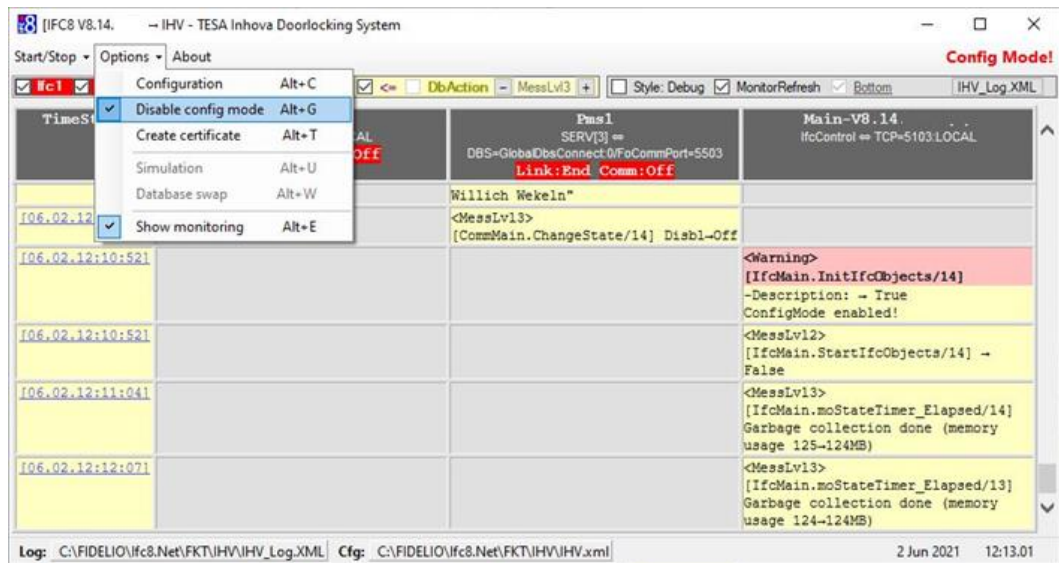


8. Click **Apply** to confirm current settings.



9. Click **Save** to save converted Config.xml

10. In the Options menu uncheck the **Disable Config Mode** option and then the IfcApplication will be ready.



IFC8 will change its status into Link Start and attempts to create a connection to the PMS (Suite8 Database or OPERA IFC Controller)

TimeStamp	Ifc1 HV = TCP:5003.LOCAL Link: End Comm: Asyn	Pms1 SERV[3] = DBS=GlobaDbsConnect0/FcCommPort-5503 Link: Start Comm: Sync	Main-V8.14. IfcControl = TCP:5103.LOCAL
		CommOff-CommOn	
[06.02.12:15:15]		=[01] <LinkStart Date="210602" Time="121514" />	
[06.02.12:15:15]		<MessLv13> [IfcObject.ChangeLinkState/28] CommOn-Start	
[06.02.12:15:15]			<MessLv13> [IfcMain.IfcObject_ChangeLinkState/ 28] set LinkAllow=CommOn done for all ifc objects
[06.02.12:15:15]	<MessLv13> [CommMain.ChangeState/29] Off-Asyn		
[06.02.12:15:15]			<MessLv12> [IfcMain.StartIfcObjects/9] - True
[06.02.12:15:26]			<MessLv13> [IfcMain.moStateTimer_Elapsed/26] Garbage collection done (memory usage 156-155MB)

Log: C:\FIDELIO\Ic8.Net\FKT\IHV\IHV_Log.XML | Cfg: C:\FIDELIO\Ic8.Net\FKT\IHV\IHV.xml | 2 Jun 2021 12:15:26

2

Authentication by WinUser

General

This additional authentication to access the IFC8 config form has been added to set a security step for unwanted access to the IFC DB Config (Suite8 PMS) via the IFC8 Config form.

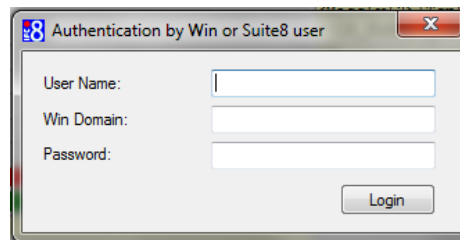
The Login is also required when IFC8 is installed for OPERA PMS!!

When selecting "Options" / "Configuration" the user will need to enter the user / PW of the local/corp. windows account active for the machine the IFC8 application is running at.

Note: Interface configuration can be accessed with the user that is currently active / the IFC is started with or with a Windows user having administrator rights!

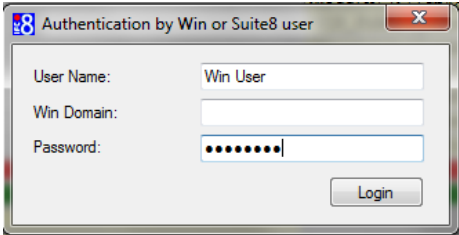
Authentication Form

When IFC8 is installed against Suite8 authentication is also possible by Suite8 user credentials.

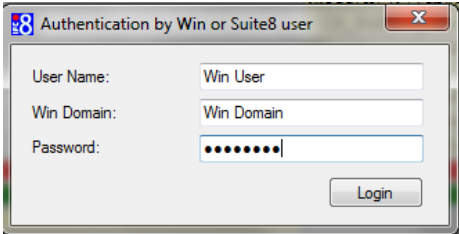



1. **User Name:** Windows User name / Suite8 user
2. **Win Domain:** Domain name (when available)
3. **Password:** Windows User name password / Suite8 user password

Login Win user without domain name:

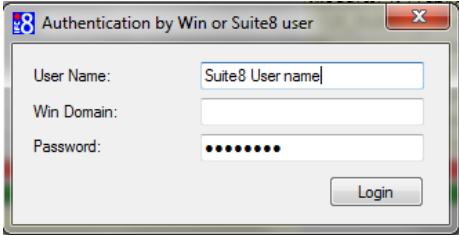


Login Win user with the domain name:



 **NOTE:**
Login fails for the user without administrative rights currently not logged in.

Login with Suite8 user:



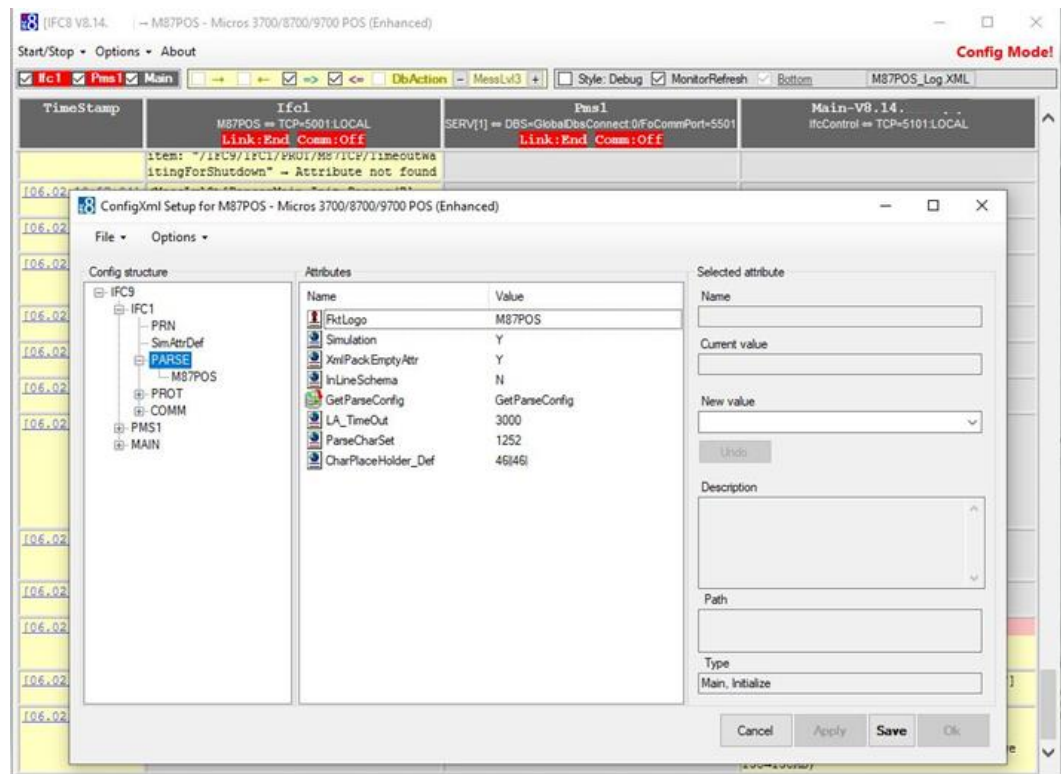
 **NOTE:**
Suite8 user must not be the Interface user-defined in Suite8 PMS

3

Save the Config.XML file

First Time Saving

When a new Config.xml has been generated from the beginning via IfcApplication the log files and temporary config.xml file will be created in a \tmp subfolder of the IfcApplication directory.



- **Selecting the Save button:**

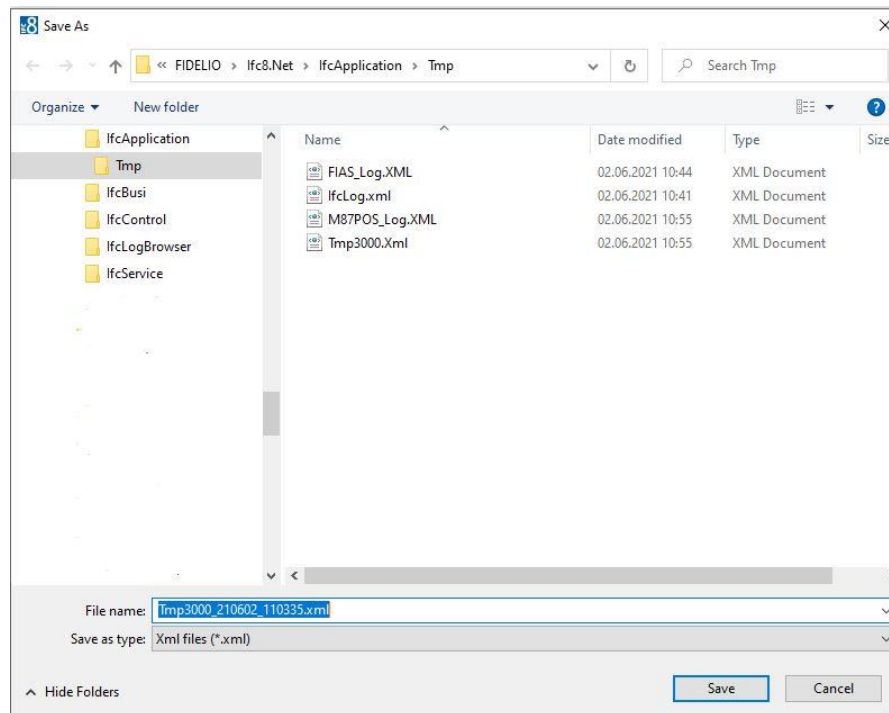
The temporary config file will be saved as "Ifc8NetConfig.xml" in the \tmp folder of IfcApplication, without an option to save it under a different name in a different folder.

- **Save under different name:**

Select the Menu option **File** and then the option **Create backup file**.

The **Save as** browser window opens in the \tmp folder of IfcApplication and offers to save the "tmpxxxxx" file with a trailing Date and Timestamp in this folder.

The temporary config file can now be saved under a specific name into a specific folder

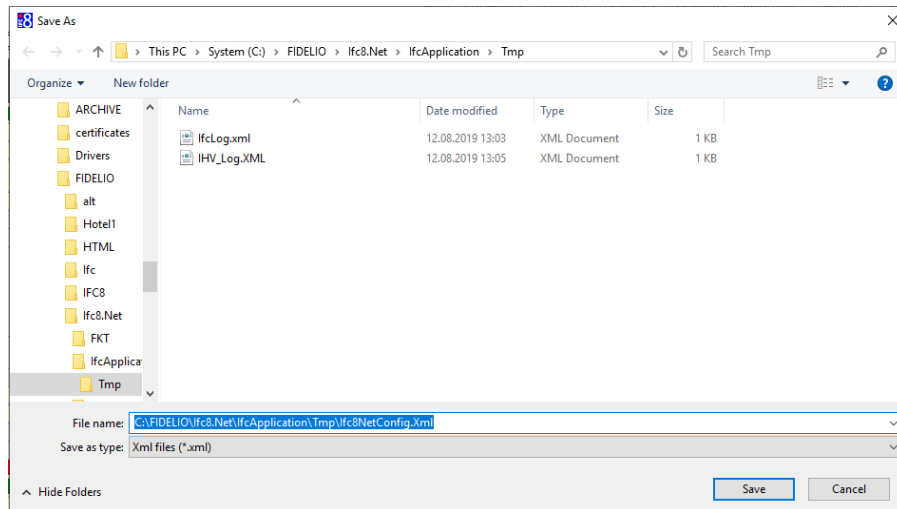


- **Selecting the Cancel button:**

Will not save the configuration at this time.

- **Shut down the IfcApplication instance:**

When selecting the “Exit” option in the Start/Stop menu or the “X” on the right top of IfcApplication the Application will shut down and the Save As browser window will open as to save the config.xml file in the desired folder as the desired name.



In this case, you need to restart the Ifc8 instance with the new Config.xml file out of the folder it is saved in.

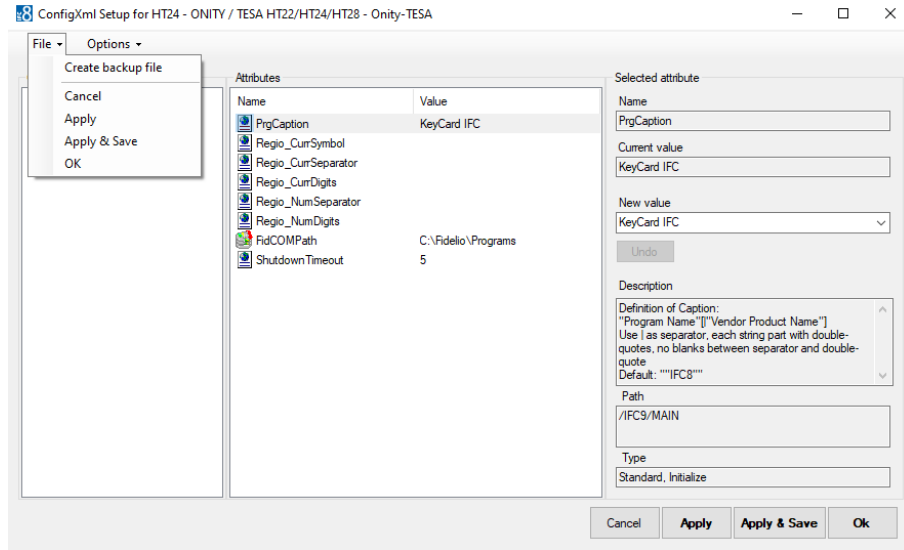
The ...\IfcApplication\tmp folder can be removed afterward.

Saving Existing Configuration

To save the last changes in the Configuration form which is not active open the Configuration form via Options > Configuration

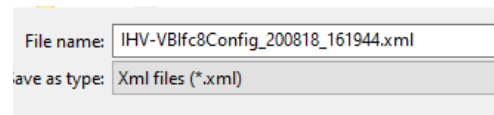
The Authentication by WinUser form will open.

1. Go to the [Authentication by WinUser](#) section for details.
2. Enter the local Windows or Suite8 user credentials and select Login.
3. After entering the correct credentials, the Configuration form opens:



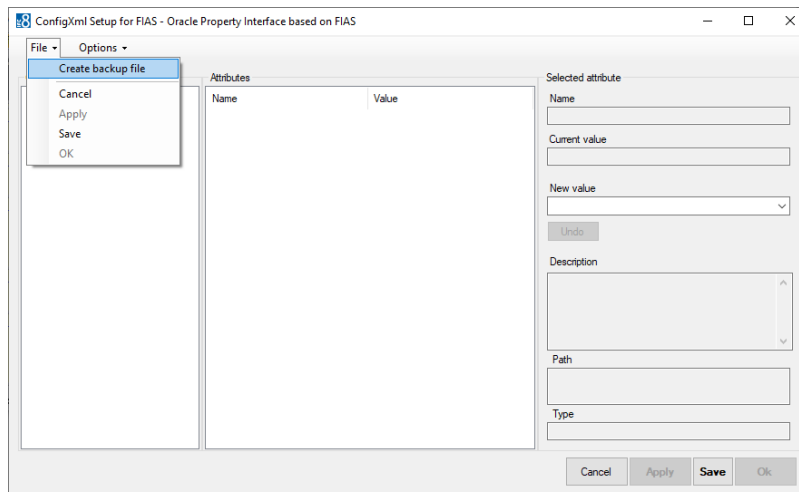
4. Click **Save** or **Apply and Save**.

5. To create a new XML / backup file there is the create backup file option.



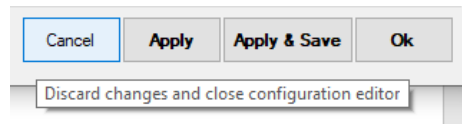
You can now save this file under a new name for backup purposes.

Or use the create backup option from the drop-down menu.



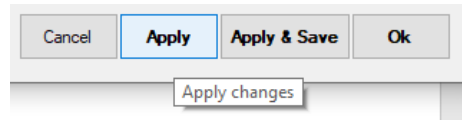
The **Cancel** button is intended to close the Configuration Editor form without changes.

See also related tooltip:



The **Apply** button is intended to confirm the parameter changes done. It will force the re-initialization of the interface based on changed parameter

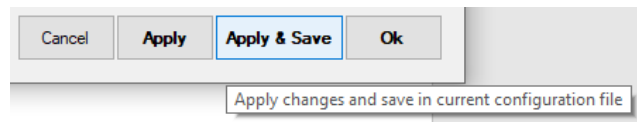
See also related tooltip:



The **Save** or **Apply & Save** buttons are intended to save changes done into the current Config.xml file.

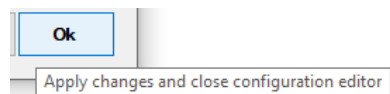
When you click the **Apply & Save** button the Apply changes command will also be executed so that changes, which were not yet confirmed by the **Apply** button, will be stored as well.

See also related tooltip:



The **OK** button is intended to close the Config Editor form with the changes done. For this, the Apply changes function will also be executed when pressing this button.

See also related tooltip:



4

Create Shortcut

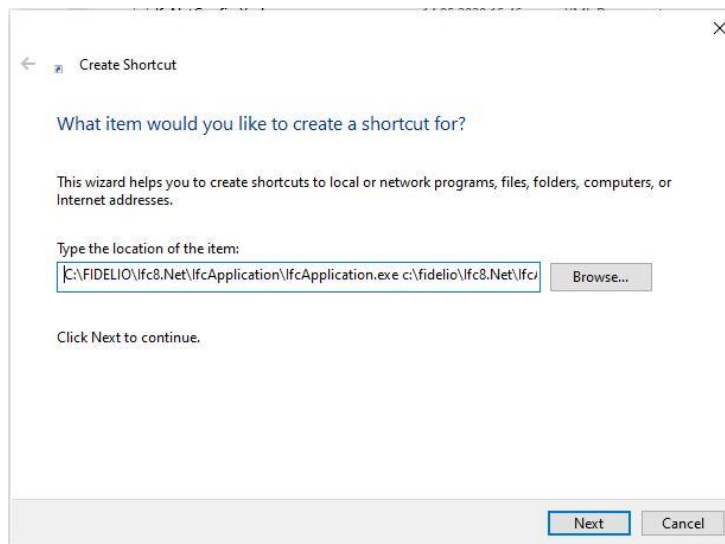
Create Shortcut

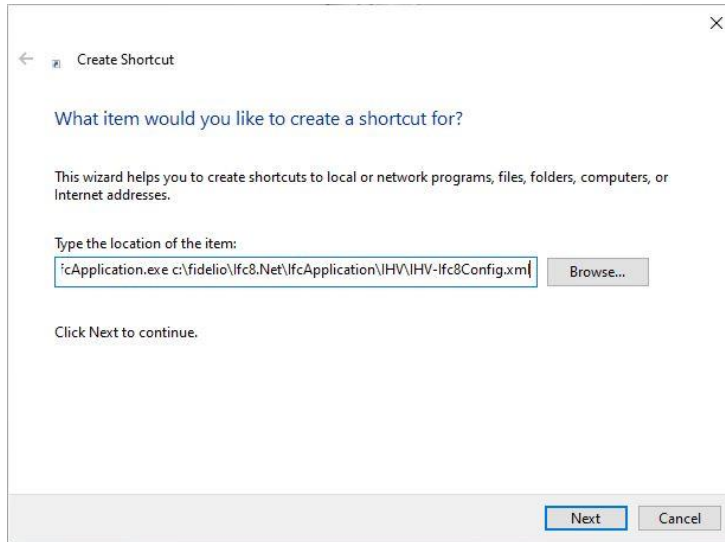
Use a shortcut to start the IfcApplication against a specific Configuration file (Config.xml).

1. In File Explorer go to the place where you want to create the shortcut.
2. Right-click in that directory and inside the **Context** menu and select **New/Create Shortcut**.
3. Type in the location of the item:

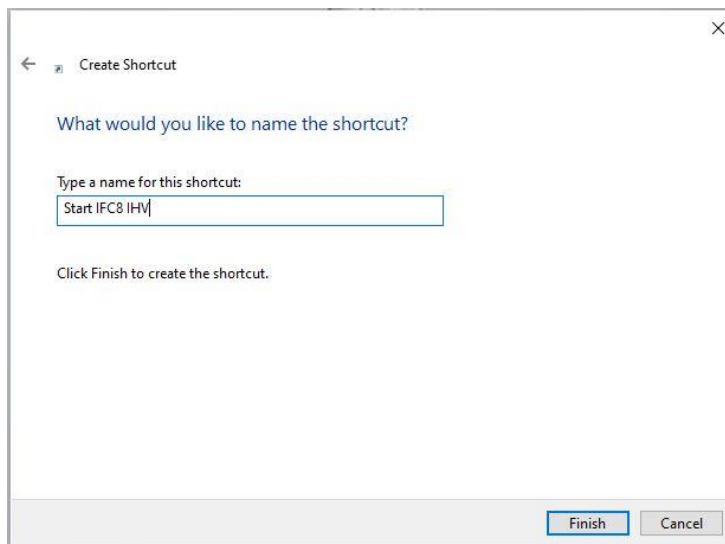
Example of a shortcut path:

```
"C:\FIDELIO\Ifc8.Net\IfcApplication\IfcApplication.exe  
c:\fidelio\Ifc8.Net\IfcApplication\IHV\IHV-Ifc8Config.xml"
```



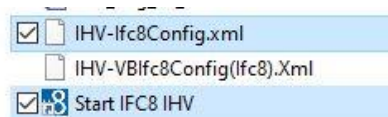


4. Click **Next**.
5. Type a name for this shortcut:



6. Click **Finish** to complete shortcut creation.

Find the Shortcut



5

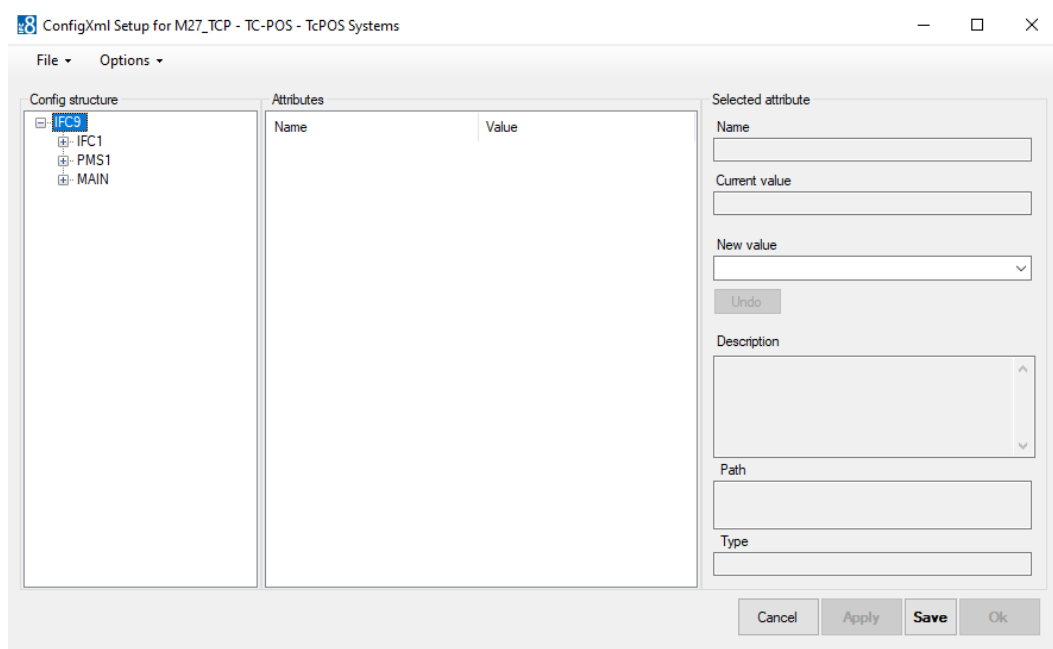
The Configuration Editor for Config.XML

In the IFC8 Configuration Editor (Config Editor) the configuration of the IFC8 instance for the communication with the connecting vendor system will be done. With saving the configuration the corresponding configuration file (Config.xml) will be created or updated.

To access the Config Editor select Options / Configuration in the IfcApplication menu bar.

IfcApplication will require user access [authentication](#) to enter the configuration form.

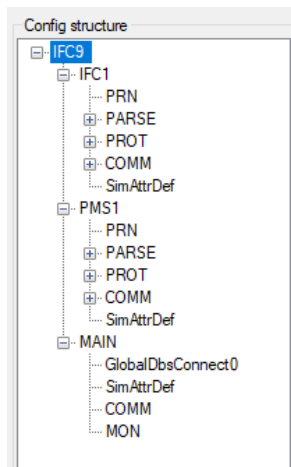
After entering the user credentials, the Config Editor opens:



Configuration Editor Structure

The IFC8 configuration contains 3 sections (nodes).

- **IFC node:**
Used to configure the communication, Parser, Protocol and printer settings with the vendor system
Multiple IFC nodes can be configured (for Multi connections with a vendor system)
- **PMS node:**
Used to configure the communication settings with the PMS System (Suite8 client or OPERA IFC Controller)
Multiple PMS nodes can be configured (e.g. multi-connection to different PMS Properties)
- **MAIN node:**
Used to configure monitoring settings, Suite8 Database connection, IFCControl connection, and other general settings



The following tables describe the main configuration parameters.

Table 2 - IFC sub nodes

IFC Sub Node	Description	Notes
PRN	Printer configuration settings	Used to print to locally installed printers via the IFC application

IFC Sub Node	Description	Notes
PARSE	Parser configuration settings	Used to configure specific settings for connecting vendor system
PROT	Protocol layer configuration settings	Used to set up and configure parser specific protocol settings
COMM	Communication settings	Used to configure Connection ports (TCP, RS232, HTTPS)

Table 3 - PMS nodes

PMS1 Sub Node	Description	Notes
PRN	Printer configuration settings	Used to print to locally installed printers via the IFC application
PARSE	Parser configuration settings	Used to configure specific settings for connecting PMS system or other systems
PROT	Protocol layer configuration settings	Used to setup and configure parser specific protocol settings
COMM	Communication settings	Used to configure Connection methods (Database, TCP, RS232, HTTPS)

Table 4 - Main nodes

MAIN Sub Node	Description	Notes
GlobalDbsConnect0	Database credentials	Used to configure the settings to access the Database (Suite8 only)
Sim/AttrDef	Simulation attribute settings	Used to set default values for internal simulation
COMM	Communication settings	Used to configure Connection methods (Database, TCP, RS232, HTTPS)
MON	Monitoring settings	Used to configure settings for monitoring

IFC1 Node

Used to configure the communication, Parser, Protocol and printer settings with the vendor system
Multiple IFC nodes can be configured (for Multi connections with a vendor system)

IFC1 Node Attributes

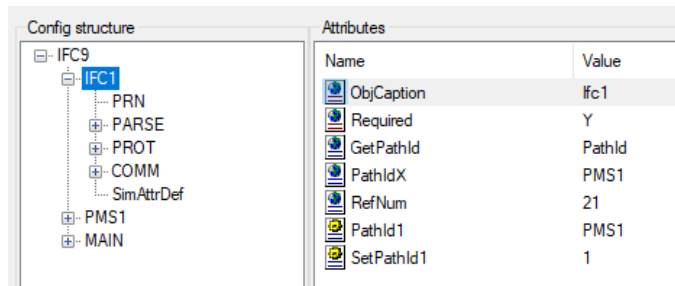
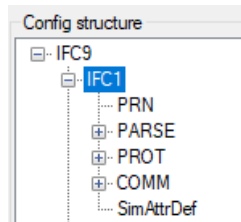


Table 5 - Ifc1 node attributes

IFC1 Sub Node Parameter	Value Description
Objection	Define an individual object name for the IFCNET.Caption (max. 20 character, default="Ifc1") Default: Ifc1 Will be displayed in the Monitoring Object header
Required	The "Required" property (only used for MultiConnectMode) → set this to "Y" if the LinkAlive is required for this object to complete initialization with the PMS Only items from the list are allowed Default: Y
GetPathId	The "GetPathId" property → use this to set/overwrite the "PathId" with the selected attribute (Default="PathId") Only items from the list are allowed Default: PathId
PathIdX	The "PathIdX" routing property → set this to the corresponding ObjectName to route messages to. Only items from the list are allowed Default: PMS1

IFC1 Sub Node Parameter	Value Description
RefNum	In the maximum RefNum property, → an error occurs if the "Ref#" counter reaches this value. Amount of records stored in an internal buffer. Default: 10 Numeric only, Max value: 25000, Min value: 1

IFC1 Sub Nodes



IFC1 PRN Sub Node

Used for printing options of the IfcApplication

Node Attributes

The screenshot shows a configuration window with two panes. The left pane, titled 'Config structure', shows a tree where 'IFC9' is expanded to 'IFC1', which is further expanded to 'PRN'. The right pane, titled 'Attributes', displays a table of attributes for the selected 'PRN' node.

Name	Value
PrinterName	\No Printer\
FormatOptions	(112) NewPage+CenterPage
PageSize	0
ControlChars	
PrinterName_PCName	\Standard Printer\

Table 6 - Ifc1 PRN node attributes

PRN Sub node Attributes	Value Description
PrinterName	The standard printer → set this to one of the suggested values Only items from the list are allowed Default: \No Printer\ When no printer is set here, IFC8 printing is disabled
FormatOptions	The default print formatting → set this to one of the suggested values Only items from the list are allowed Default: (112) NewPage+CenterPage
PageSize	The paper size selection → special for slip printer (usually unused → default="0" Default: 0 Numeric only, Max value: 9999, Min value: 0
ControlChars	Definition of printer control characters currently only value "12" = "FormFeed" supported default=<blank>
PrinterName_PCNAME	The Printer routing for WSN="PCNAME" → Copy/Rename this property to define additional routings Only items from the list are allowed Default: \No Printer\

IFC1 PARSE Sub Node

Used to define and configure the settings used to connect and communicate with a specific vendor system

Node Attributes

The screenshot shows a configuration interface with two panes. The left pane, titled 'Config structure', displays a tree view where the 'IFC1' node is expanded, and the 'PARSE' sub-node is selected. The right pane, titled 'Attributes', displays a table of configuration parameters for the selected 'PARSE' node.

Name	Value
RktLogo	FIAS
Simulation	Y
XmlPackEmptyAttr	Y
InLineSchema	N
GetParseConfig	GetParseConfig
LA_TimeOut	3000
ParseCharSet	850
CharPlaceholder_Def	

Table 7 – Ifc1 PARSE node attributes

PARSE Sub node Attributes	Value Description
FktLogo	The parser class → select the corresponding FktLogo Only items from the list are allowed Default: FIAS
Simulation	Enables/disables the Simulation-Menu in the MainFormular (default="Y") Only items from the list are allowed Default: Y
XmiPackEmptyAttr	Pack empty XML attributes (default="Y") Only items from the list are allowed Default: Y
XmiDecl	Enable/disable XmlDeclaration element <?xml version="1.0"?> for Xml documents (default="N") Only items from the list are allowed Default: N
InLineSchema	Enable/disable schema definitions in XmlSchemaDef-Element (only for FIAS & SIM-Parser) (default="N") Only items from the list are allowed Default: N
GetParseConfig	Import the application layer configuration from another config.xml Only items from the list are allowed Default: GetParseConfig
LA_TimeOut	Define a maximum timeout for PMS-LinkAlive status after Vendor startup (default: 3000ms) Default: 3000 Numeric only, Max value: 10000, Min value: 1000
ParseCharSet	Set the vendor code page definition Default: 850 If the vendor system uses a specific code page then the same code page value has to be set here (e.g. 1252 for Windows code page)
CharPlaceholder_Def	Set character place holder defaults → general place holder "diacritical characters "control characters 00h- 08h "control characters 09h-1Fh Default:

IFC1 PROT Sub Node

Used to configure the protocol layer settings for a specific Parser.

The settings relate to the Parse – FktLogo settings and usually do not need to be changed.

Node Attributes

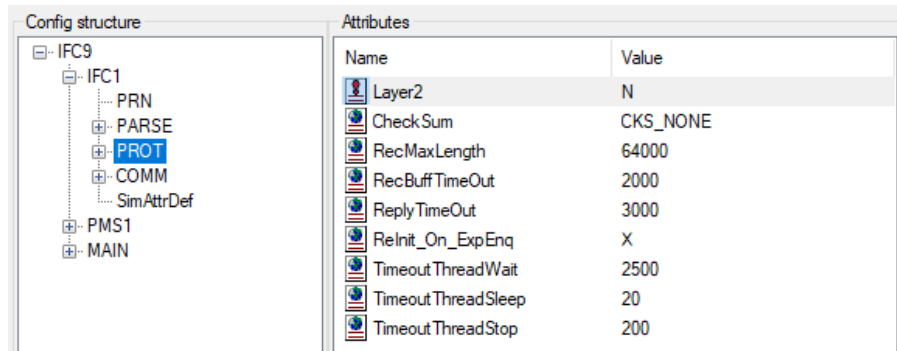


Table 8 – Ifc1 PROT node attributes

PROT node Attributes	Value Description
Layer2	The protocol layer → set this to one of the suggested values The value will automatically set with the choice of FktLogo in the Parse section Only items from the list are allowed Default: N
CheckSum	Checksum type → set this to one of the suggested values The value will automatically set with the choice of FktLogo in the Parse section Only items from the list are allowed Default: CKS_NONE
RecMaxLength	Maximum record length Default: 64000 Numeric only, Min value: 0
RecBuffTimeOut	The maximum time to get the next data byte when a data record is receive → set this to one of the suggested values Default: 2000 Numeric only, Max value: 64000, Min value: 0
ReplyTimeOut	The maximum time waiting for reply record from vendor system → set this in Milliseconds Default: 3000 Numeric only, Max value: 9999, Min value: 0
Reinit_On_ExpEnq	<Enquiry expired> protocol error handling → "N" = disable reinitializing, "X" = reinitialize only if LinkAlive, "Y" = reinitialize always, "[N/X/Y]0...[N/X/Y]60" = additional wait time for retry Only items from the list are allowed Default: X
TimeoutThreadWait	timeout after which the buffer is checked if no signal was received (set to "-1" to wait for infinite for signal) Default: 2500 Numeric only, Max value: 64000, Min value: -1

PROT node Attributes	Value Description
TimeoutThreadSleep	sleep timeout for read thread (set to 0, if sleep should not be used) Default: 20 Numeric only, Max value: 1000, Min value: 0
TimeoutThreadStop	timeout waiting for read thread to stop before thread will be aborted Default: 200 Numeric only, Max value: 64000, Min value: 1

IFC1 COMM Sub Node

Used to configure settings for physical connection with vendor / external system

Node Attributes

The screenshot shows a configuration interface with two main panels. The left panel, titled 'Config structure', displays a tree view where the 'COMM' sub-node under 'IFC1' is selected and highlighted in blue. The right panel, titled 'Attributes', displays a table with the following data:

Name	Value
Layer1	TCP
CheckState	Y
Port	5001
Param	LOCAL

Table 9 Ifc1- COMM node attributes

COMM node Attributes	Value Description
Layer1	<p>The physical layer → set this to one of the suggested values from the list of available values Typical values are: TCP = for generic TCP/IP Connection COM = generic Serial connection (RS232) HTTP = generic http or https connection TCP/S = specific TCP/IP setting to run as TCP Server TCP/C = specific TCP/IP setting to run as TCP Client</p>
CheckState	<p>The CheckState property → set this to "Y" if the port status should be checked (e.g. the handshake of an RS232 port) Only items from the list are allowed Default: Y</p>
Port	<p>If Layer1 = TCP / TCP_S / TCP_C: The TCP/IP port number → set to the used port number (typically "5001...5499") Default: 5001 Numeric only, Max value: 65535, Min value: 0</p> <p>If Layer1 = COM: The RS232 port number → set to the used port number (typically "1...9") Default: 1 Numeric only, Max value: 65535, Min value: 0</p> <p>If Layer1 = HTTP: [ServerUrl][Optional_HttpUser][Optional_HttpPassWord] Default: Http(s)://Url UserName PassWord</p>
Param	<p>If Layer1 = TCP / TCP_C: The remote IP-Address or ComputerName → NOT required when the WinSock runs in "Server Mode" Default: LOCAL</p> <p>If Layer1 = COM: The COM parameters → [BaudRate],[Parity],[DataBits],[StopBits] Default: 9600,N,8,1</p> <p>If Layer1 = HTTP: The default HTTP Open method (default is "POST") Default: POST</p>

COMM sub-node TCP / TCP_S

Configure connection IFC instance acting as TCP Server

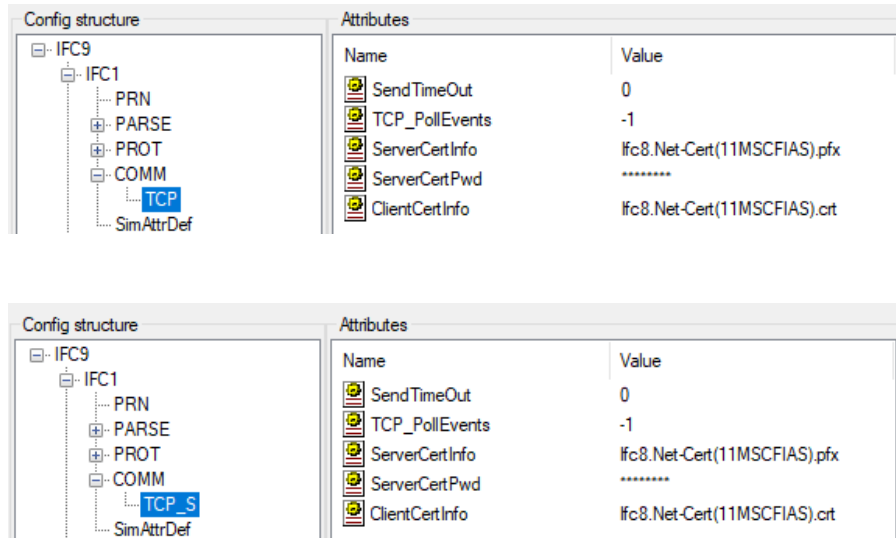


Table 10 TCP / TCP_S node attributes

TCP / TCP_S node attributes	Value Description
SendTimeOut	TimeOut while waiting for SendComplete in milliseconds., set "0" to disable (default=0)
TCP_PollEvents	TCP poll event timeout in milliseconds. Set "-1" to disable
ServerCertInfo	The server certificate file location for the SSL connection. *.pfx type is required, relative paths are supported. Left blank to disable Secure Socket Layer (SSL)
ServerCertPwd	Server certificate file password for the SSL connection. Not available when no ServerCertInfo value is defined
ClientCertInfo	The client certificate file location for mutual authentication of the SSL connection. Typically *.cert, *.cer type, relative paths are supported. Left blank to disable mutual authentication. Not available when no ServerCertInfo value is defined

COMM sub-node COM / COMEx

1. Configure connection using serial COM Port
2. Use COMEx to configure serial COM Port higher than 15 (e.g. when using MultiPort adapter)

Only specific Vendor systems support connection using serial Ports.

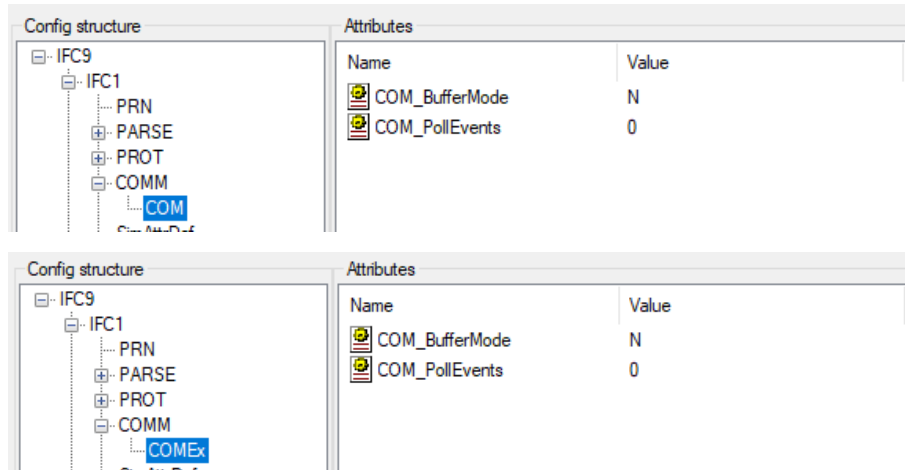


Table 11 COM / COMEx node attributes

COM / COMEx node attributes	Value	Description
COM_BufferMode	N	The PollEvents parameter → set "0" to disable PollEvents(default) or >"0" to poll the received buffer in the defined interval (in ms) for incoming data (only in case of problems with Equinox/Digi boxes)
COM_PollEvents	0	TCP poll event timeout in milliseconds. Set "-1" to disable

COMM sub-node TCP_C

Configure connection IFC instance acting as TCP Client.

Only specific vendor systems support TCP connection where IFC instance must be TCP Client.

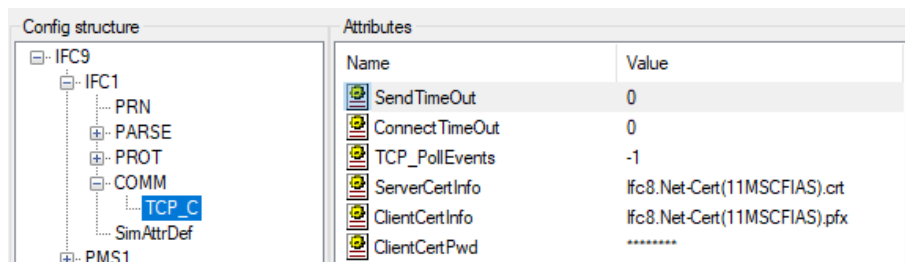


Table 12 TCP_C node attributes

TCP_C node attributes	Value Description
SendTimeout	The PollEvents parameter → set "0" to disable PollEvents(default) or >"0" to poll the received buffer in the defined interval (in ms) for incoming data (only in case of problems with Equinox/Digi boxes)
ConnectTimeout	TimeOut while waiting for server connection in msec. set "0" for automatic handling
TCP_PollEvents	TCP poll event timeout in milliseconds. Set "-1" to disable
ServerCertInfo	The server certificate file location for the SSL connection. Typically *.crt, *.cer type, relative paths are supported. Left blank to disable Secure Socket Layer (SSL)
ClientCertInfo	The client certificate file location for mutual authentication of the SSL connection. *.pfx type is required, relative paths are supported. Left blank to disable mutual authentication. Not available when no ServerCertInfo value is defined
ClientCertPwd	The client certificate file password for the SSL connection. Not available when no ServerCertInfo value is defined

COMM sub-node HTTP

Configure connection IFC instance using HTTP / HTTPS Connection

Only specific Vendor systems support HTTP/HTTPS Connection

Name	Value
PollReceiveData	1000
RequestHeader	"Content-Type","text/xml"Charset"...
RequestHeader_Conn	"Action-Type","ConnetRequest"Dest...
RequestHeader_Poll	"Action-Type","ReceiveDataRequest"...
HttpSecureProt	Tls12
HttpsCertErrIgnore	N
HttpsClientCert	
Resolve Timeout	-1
Connect Timeout	3000
Send Timeout	7000
Receive Timeout	10000

Table 13 HTTP node attributes

HTTP node attributes	Value Description
PollReceiveData	ReceiveData polling interval in msec., set "0" to disable (typically used for lfcWeb interface, max.="60000msec.)
RequestHeader	Define additional RequestHeader definitions in format [HeaderName],[HeaderValue] (e.g. "Connection","Keep-Alive" for CC9 or "Action-Type","SendDataRequest" "DestAddr","[SohId]" for lfcWeb interface)
RequestHeader_Conn	Define additional RequestHeader definitions for "ConnectRequest" mode in format [HeaderName],[HeaderValue] (e.g. "Action-Type","ConnetRequest" "DestAddr","[SohId]" "lfcAuthKey","<lfcAuthKey>" for lfcWeb interface)
RequestHeader_Poll	Define additional RequestHeader definitions for "PollReceiveData" mode in format [HeaderName],[HeaderValue] (e.g. "Action-Type","ReceiveDataRequest" "DestAddr","[SohId]" for lfcWeb interface)
HttpSecureProt	Define secure protocol type for http client: Tls12(default) - recommended ; available: Tls11 or Tls not recommended)
HttpsCertErrIgnore	Ignore invalid SSL(https) certificates (default="N")
HttpsClientCert	The path and name of a client certificate for "Mutual SSL" (leave empty if no Client Certificate is used)
ResolveTimeout	DNS-TimeOut applied when resolving a host name to an IP address (default="-1msec." infinite, max.="200000msec.")
ConnectTimeout	TimeOut applied when establishing a communication socket with the target server (default="3000msec.", max.="200000msec.")
SendTimeout	TimeOut applied when sending a packet of request data on the socket to the target server (default="7000msec.", max.="200000msec.")
ReceiveTimeout	TimeOut applied when receiving a packet of response data from the target server (default="10000msec.", max.="200000msec.", infinite="-1")

PMS1 Node

Used to configure the communication settings with the PMS System (Suite8 client or OPERA IFC Controller)

Multiple PMS nodes can be configured (e.g. multi-connection to different PMS Properties)

PMS1 Node Attributes

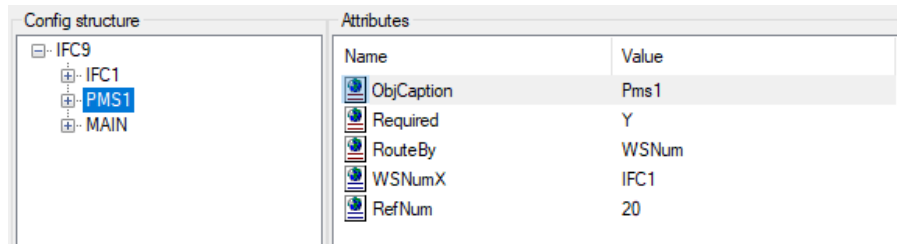
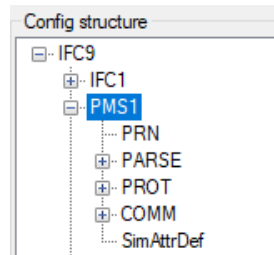


Table 14 - Pms1 node attributes

PMS1 node attributes	Description
ObjCaption	Define an individual object name for the IFCNET.Caption (max. 20 character, default="Pms1") Default: Pms1 Will be displayed in the Monitoring Object header
Required	The "Required" property (only used for MultiConnectMode) → set this to "Y" if the LinkAlive is required for this object Only items from the list are allowed Default: Y
RouteBy	Select the routing attribute. Only items from the list are allowed. Default: WSNum
WSNumX	The "WSNumX" routing property → set this to the corresponding ObjectName Only items from the list are allowed Default: IFC1
RefNum	The maximum "RefNum" property → an error occurs if the "Ref#" counter reaches this value Default: 10 Numeric only, Max value: 25000, Min value: 1

PMS1 Sub Nodes



PMS1 PRN Sub Node

Used for configuring printing options of IfcApplication using a locally installed printer driver.

Node Attributes

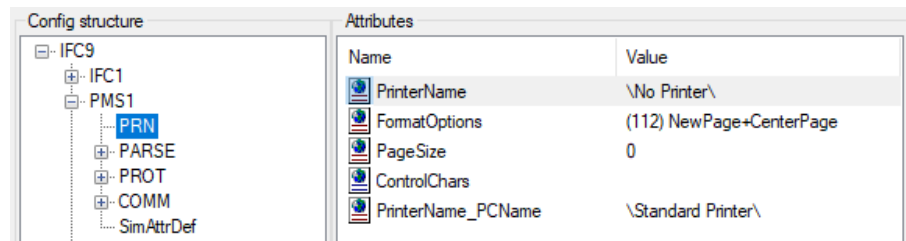


Table 15 - Pms1 PRN node attributes

	Value Description
PRN Sub node Attributes	
PrinterName	The standard printer → set this to one of the suggested values Only items from the list are allowed Default: \No Printer\ When no printer is set here, IFC8 printing is disabled
FormatOptions	The default print formatting → set this to one of the suggested values Only items from the list are allowed Default: (112) NewPage+CenterPage

	Value Description
PRN Sub node Attributes	
PageSize	The paper size selection → special for slip printer (usually unused → default="0" Default: 0 Numeric only, Max value: 9999, Min value: 0
ControlChars	Definition of printer control characters currently only value "12" = "FormFeed" supported default=<blank>
PrinterName_PCNAME	The Printer routing for WSN="PCNAME" → Copy/Rename this property to define additional routings Only items from the list are allowed Default: \No Printer\

PMS1 PARSE Sub Node:

Used to define and configure the settings used to connect and communicate with the PMS system or connecting system.

Node Attributes:

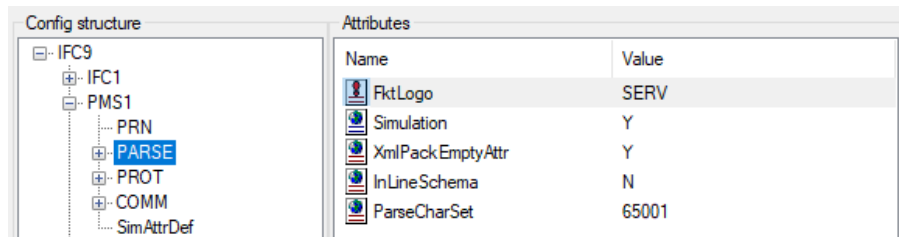


Table 16 - Pms1 PARSE node attributes

PARSE node attributes	Value Description
FktLogo	The parser class → select the corresponding FktLogo Only items from the list are allowed SERV = Suite8 lfcBusi.dll connection OPERA = OperalfcController connection
Simulation	Enables/disables the Simulation-Menu in the MainFormular (default="Y") Only items from the list are allowed Default: Y
XmlPackEmptyAttr	Pack empty xml attributes (default="Y") Only items from the list are allowed Default: Y

PARSE node attributes	Value Description
XmlDecl	Enable/disable XmlDeclaration element <?xml version="1.0"?> for Xml documents (default="N") Only items from the list are allowed Default: N
InLineSchema	Enable/disable schema definitions in XmlSchemaDef-Element (only for FIAS & SIM-Parser) (default="N") Only items from the list are allowed Default: N
ParseCharSet	Set the vendor code page definition Only items from the list are allowed Default: 65001 Numeric only

For Node Attributes of OPERA Parser please see [“The PMS OPERA Parser Node settings”](#) section of this document.

PMS1 PROT Sub Node

Used to set general values for Communication settings with connections on the PMS1 object.

The settings relate to the Parse – FktLogo settings and usually do not need to be changed.

Node Attributes

The screenshot shows a configuration window with two panes. The left pane, titled 'Config structure', displays a tree view of the configuration hierarchy: IFC9 (expanded) contains IFC1 (expanded), PMS1 (expanded), PRN, PARSE, PROT (selected and highlighted in blue), COMM, and SimAttrDef. The right pane, titled 'Attributes', shows a table of settings for the selected node.

Name	Value
Layer2	LLC_SIM
CheckSum	N
RecMaxLength	64000
RecBuffTimeOut	500
ReInit_On_ExpEnq	X
ReplyTimeOut	3000
Timeout ThreadWait	2500
Timeout ThreadSleep	20
Timeout ThreadStop	200

Table 17 - Pms1 PROT node attributes

PROT node Attributes	Value Description	Notes
Layer2	The protocol layer → set this to one of the suggested values The value will automatically set with the choice of FktLogo in PMS - PARSE section Only items from the list are allowed	
Checksum	Checksum type → set this to one of the suggested values Only items from the list are allowed The value will automatically set with the choice of FktLogo in the PMS PARSE section Default: CKS_NONE	
RecMaxLength	Maximum record length Default: 64000 Numeric only, Min value: 0	
RecBuffTimeOut	The maximum time to get the next data byte when a data record is receive → set this to one of the suggested values Default: 2000 Numeric only, Max value: 64000, Min value: 0	
ReplyTimeOut	The maximum time waiting for reply record from vendor system → set this in Milliseconds Default: 3000 Numeric only, Max value: 9999, Min value: 0	
Reinit_On_ExpEnq	<Enquiry expired> protocol error handling → "N" = disable reinitializing, "X" = reinitialize only if LinkAlive, "Y" = reinitialize always, "[N/X/Y]0...[N/X/Y]60" = additional wait time for retry Only items from the list are allowed Default: X	
TimeoutThreadWait	timeout after which the buffer is checked if no signal was received (set to "-1" to wait for infinite for signal) Default: 2500 Numeric only, Max value: 64000, Min value: -1	
TimeoutThreadSleep	sleep timeout for read thread (set to 0, if sleep should not be used) Default: 20 Numeric only, Max value: 1000, Min value: 0	
TimeoutThreadStop	timeout waiting for read thread to stop before thread will be aborted Default: 200 Numeric only, Max value: 64000, Min value: 1	

PMS1 COMM Sub Node

Used to configure settings for physical connection with the external side (usually Suite8 IfcBusi.dll or OPERA IfcController)

Node Attributes

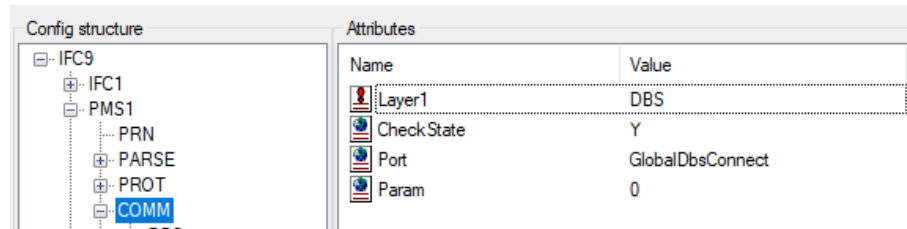


Table 18 - Pms1 COMM node attributes

COMM node Attributes	Value Description
Layer1	The physical layer → set this to one of the suggested values If Pms1 / PARSE / FktLogo = SERV (for Suite8 PMS) then the only available value = “ DBS ” If Pms1 / PARSE / FktLogo = OPERA (for OPERA PMS) then the default value = “ TCP ”
CheckState	The CheckState property → set this to "Y" if the port status should be checked (e.g. the handshake of an RS232 port) Only items from the list are allowed Default: Y
Port	If Layer1 = TCP /TCP_S/TCP_C: The TCP/IP port number → set to the used port number (typically "5001...5499") Default: 5001 Numeric only, Max value: 65535, Min value: 0 If Layer1 = COM: The RS232 port number → set to the used port number (typically "1...9") Default: 1 Numeric only, Max value: 65535, Min value: 0 If Layer1 = HTTP: path format: [ServerUr]][[Optional_HttpUser]][[Optional_HttpPassWord] Default: Http(s)://Url UserName PassWord If Layer1=DBS: Database connection with Suite8 DB. only available value = GlobalDbsConnect referring to MAIN / GlobalDbsConnectX node

COMM node Attributes	Value Description
Param	<p>If Layer1 = TCP/TCP_C: The remote IP-Address or ComputerName → NOT required when the WinSock runs in "Server Mode" (Layer1 = "TCP_S" Default: LOCAL</p> <p>If Layer1 = COM: The COM parameters → [BaudRate],[Parity],[DataBits],[StopBits] Default: 9600,N,8,1</p> <p>If Layer1 = HTTP: The default HTTP Open method (default is "POST") Default: POST</p> <p>If Layer1 = DBS: The available GlobalDbConnect (value must match the MAIN / GlobalDbConnectX node) Default = 0</p>

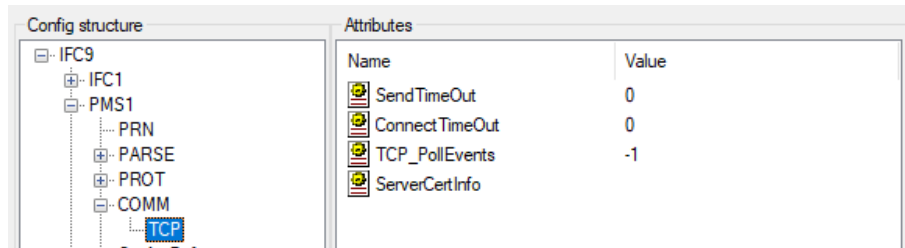
COMM sub-node DBS

Only available when PMS1/PARSE/FktLogo = SERV (Suite8 PMS)

Name	Value
DbsDebugMode	Y
PmsUserPwd	*****
FoCommPort	5191
FoCommTcpDns	N
SslConfig	Open SslConfig

DBS node Attributes	Value Description
DbsDebugMode	Enable the Fidelio*.Dll LogFiles → set the path for the Fidelio*.Log files in "FidelioV8/Setup/Configuration/Global Settings/Miscellaneous/4 Workstation/V8 Log Directories"
PmsUserPwd	The "PMS User Password" property. Enter the configured password of the related PMS interface user
FoCommPort	The FoComm port definition for IfcBusi.dll connection

DBS node Attributes	Value Description
FoCommTcpDns	PMS/TCP addressing: "Y" → via Computer Name "N" → via IP-Address (automatic selection) via explicit IP-Addressor to force usage of Local-IP: "0" → [IP Address1] (displays current IP Address 1) "1" → [IP Address2] (displays current IP Address 2)
SslConfig	The SSL/TLS configuration for lfcBusi communication See documentation for lfcBusi.Net for details



COMM sub-node TCP / TCP_C

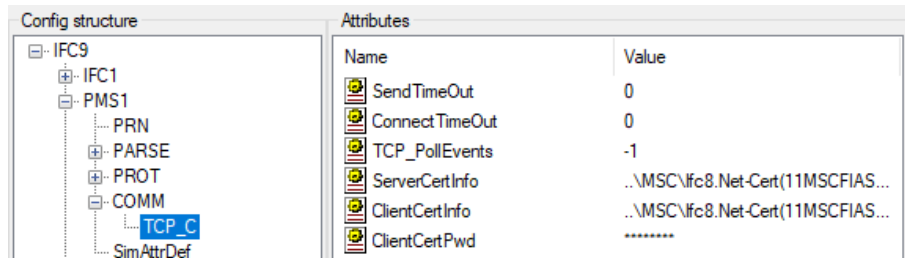
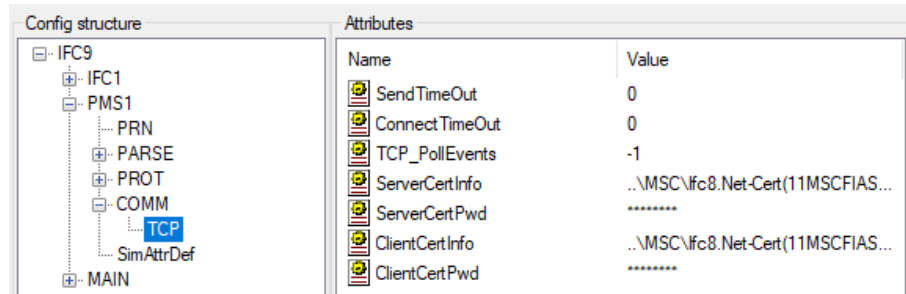


Table 19 TCP / TCP_C node attributes

TCP / TCP_C node attributes	Value Description
SendTimeOut	TimeOut while waiting for SendComplete in milliseconds., set "0" to disable (default=0)
ConnectTimeOut	TimeOut while waiting for server connection in msec. set "0" for automatic handling
TCP_PollEvents	TCP poll event timeout in milliseconds. Set "-1" to disable
ServerCertInfo	The server certificate file location for the SSL connection. Typically *.crt, *.cer file type, relative paths are supported. Left blank to disable Secure Socket Layer (SSL)
ClientCertInfo	The client certificate file location for mutual authentication of the SSL connection. *.pfx type required, relative paths are supported. Left blank to disable mutual authentication. Not available when no ServerCertInfo value is defined
ClientCertPwd	Server certificate file password for the SSL connection. Not available when no ServerCertInfo value is defined

COMM sub-node COM / COMEx

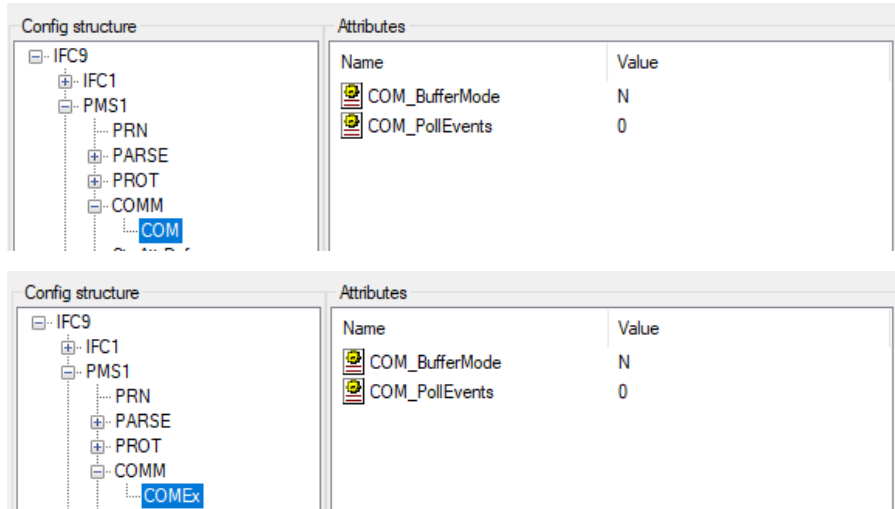


Table 20 COM / COMEx node attributes

COM / COMEx node attributes	Value Description
COM_BufferMode	The BufferMode parameter → set "N" to disable BufferMode(default) or "Y" to buffer incoming records for LinkState < LinkAlive

COM / COMEx node attributes	Value Description
COM_PollEvents	The PollEvents parameter → set "0" to disable PollEvents(default) or >"0" to poll the received buffer in the defined interval (in ms) for incoming data (only in case of problems with Equinox/Digi boxes)

COMM sub-node TCP_S

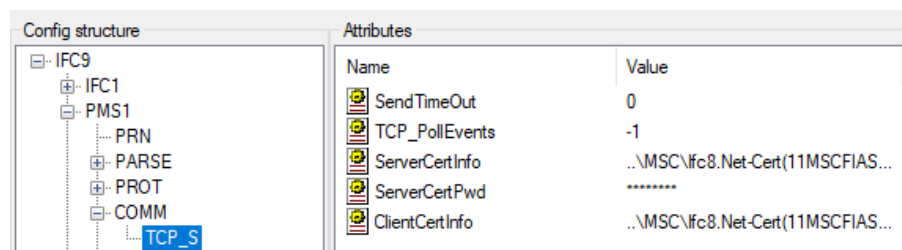
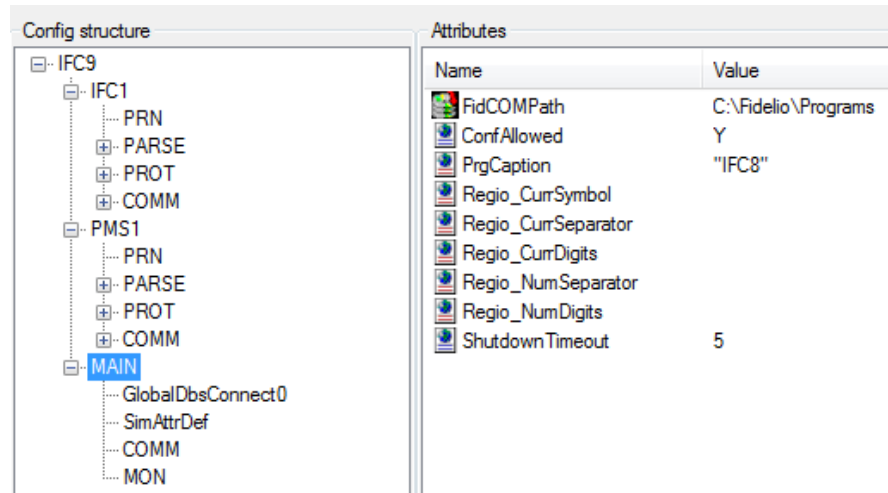


Table 21 TCP_S node attributes

TCP_C node attributes	Value Description
SendTimeOut	The PollEvents parameter → set "0" to disable PollEvents(default) or >"0" to poll the received buffer in the defined interval (in ms) for incoming data (only in case of problems with Equinox/Digi boxes)
ConnectTimeOut	TimeOut while waiting for server connection in msec. set "0" for automatic handling
TCP_PollEvents	TCP poll event timeout in milliseconds. Set "-1" to disable
ServerCertInfo	The server certificate file location for the SSL connection. Typically *.crt, *.cer type, relative paths are supported. Left blank to disable Secure Socket Layer (SSL)
ClientCertInfo	The client certificate file location for mutual authentication of the SSL connection. *.pfx type is required, relative paths are supported. Left blank to disable mutual authentication. Not available when no ServerCertInfo value is defined
ClientCertPwd	The client certificate file password for the SSL connection. Not available when no ServerCertInfo value is defined

MAIN Node

Used to configure monitoring settings, Suite8 Database connection, IfcControl connection, and other general settings

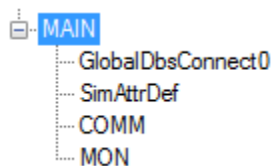


MAIN Node Attributes

MAIN Sub Node Parameter	Description
FidCOMPath	Path of the Fidelio-COM.Dll files in Suite8 Programs folder Default: C:\Fidelio\Programs Only available if PMS1 - PARSE = SERV
ConfAllowed	The "Configuration Allowed" property → set this to "Y" to allow changeable values Only items from the list are allowed Default: Y
PrgCaption	Define an individual program name / add vendor product name - Format sample:"IFC8" "VENDOR PRODUCT NAME" - (use as separator, each string part with double-quotes, no blanks between separator and double-quote), default = "IFC8" Default: "IFC8"
Regio_CurrSymbol	Modify the current user "Regional Settings"/Currency Symbol, default="-" -> the current user settings will be used (configuration only necessary in case of service installation)
Regio_CurrSeparator	Modify the current user "Regional Settings"/Currency Separator, default="-" -> the current user settings will be used (configuration only necessary in case of service installation)

MAIN Sub Node Parameter	Description
Regio_CurrDigits	Modify the current user "Regional Settings"/Currency Digits, default=" -> the current user settings will be used (configuration only necessary in case of service installation)
Regio_NumSeparator	Modify the current user "Regional Settings"/Numeric Separator, default=" -> the current user settings will be used (configuration only necessary in case of service installation)
Regio_NumDigits	Modify the current user "Regional Settings"/Numeric Digits, default=" -> the current user settings will be used (configuration only necessary in case of service installation)
ShutdownTimeout	The maximum "ShutdownTimeout" property → waits for a selected timeout (in seconds) before a forced shutdown is performed. Default: 5 Numeric only, Max value: 30, Min value: -1

MAIN Sub Nodes



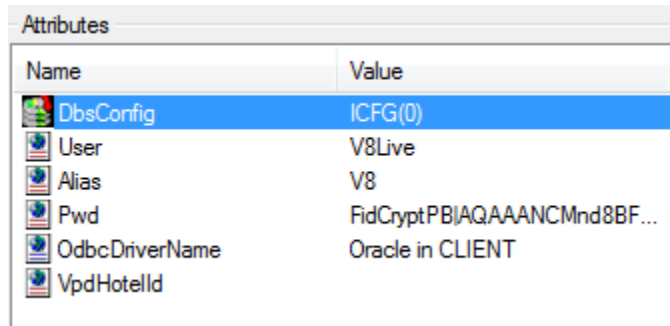
MAIN GlobalDbsConnect Sub Node

Only available when PMS1 PARSE Layer1 = SERV (for connection with Suite8 PMS)

Suite8 Database settings and access to Suite8 IFC Database configuration.

This subnode can be duplicated when Multi PMS Configuration (multiple Suite8 Databases).

Node Attributes



Name	Value
DbConfig	ICFG(0)
User	V8Live
Alias	V8
Pwd	FidCryptPBIAQAAAANCMnd8BF...
OdbcDriverName	Oracle in CLIENT
VpdHotelId	

GlobalDbsConnect0 Sub node Attributes	Value Description
DbConfig	The global "BusinessLogic" database setup Only items from the list are allowed Default: ICFG(0)
User	Suite8 Database user name Default: <type your password here>
Alias	Suite8 Database alias name Default: <type your password here>
Pwd	Suite8 Database user password Default: <type your password here> Password will be encrypted after entering and applying settings and is not visible anymore.
OdbcDriverName	Force the ODBC driver name for ORACLE database connection, set this to [Empty] if Ifc8 should select the driver automatically
VpdHotelId	The HOTEL_ID for a VPD database context

MAIN SimAttrDef Sub Node

Used to define attribute values to send during internal simulations used with the IFC Simulation module

Node attributes

SimAttrDef Sub node Attributes	Value Description	Notes
Can be all available schema attribute names for related parser By default, no attributes are defined	Schema attributes based on a parser for all supported actions There are hardcoded attribute values defined in IFC core logic. However, when defining simulation attributes in the SimAttrDef node these will be used. In case an attribute is defined in SimAttrDef but has no value defined, then the attribute will be added to the action – without value. E.g. RoomNum="". In case the SimAttrDef node is empty or is missing, then Simulation will use the internal hard coded values.	

MAIN COMM Sub Node

Used to configure settings for physical connection with the lfcControl module.

Node Attributes:

Name	Value
CtrlCommPort	5000
CtrlCommTcpDns	N
ServerCert	

COMM Sub node Attributes	Value Description
CtrlCommPort	TCP port used for lfcControl communication Default: 5000
CtrlCommTcpDns	TCP DNS usage of lfcControl communication Only items from the list are allowed Default: N

COMM Sub node Attributes	Value Description
ServerCert	The info string of the SSL server certificate location in the PC certificate store (private key must be present). Left blank to disable Secure Socket Layer (SSL).
MutualAuth	Define if an SSL mutual authentication via client certificate is required Only items from the list are allowed Default: Y
MonConnIdFormat	Monitoring: display "IpAddress" or "HostName" in the connection information Only items from the list are allowed Default: "IpAddress"

MAIN MON Sub Node

Used to configure settings for IFC8 monitoring and log file options.

Node Attributes:

Name	Value
LogFileType	XML
MonDetail	8191
LogLength	2000000
LogFileName	.\<IFC1_FktLogo>_Log.XML

MON Sub node Attributes	Value Description	Notes
LogFileType	The used logfile type (default="XML") Only items from list are allowed Default: XML	XML is the only value

MON Sub node Attributes	Value Description	Notes
MonDetail	<p>The Monitor & LogFile details → set this to:</p> <p>"DebugLvl4" = logging all data "DebugLvl3" = out of DbActions data "DebugLvl2" = out of Level4 data "DebugLvl1" = out of DbActions / Level4 data "AnonymLvl2" = out of DbActions / ExtCommData "AnonymLvl1" = out of DbActions / Level4/ExtCommData</p> <p>Default: AnonymLvl2</p>	<p>the excluded MonItems are still shown in the synchronously monitoring (like in IfcApplication and IfcControl) but not stored in the XML event log files (not shown in the asynchronously monitoring of IfcLogFileBrowser).</p>
LogLength	<p>The LogFile length → set this to the desired size Default: 5000000 Numeric only, Min value: 1000000</p>	<p>will create two logs with ½ size of LogLength value each</p>
LogFileName	<p>Name of the log file without path and suffix Default: <Ifc1_FktLogo>_Log.XML (e.g. FIAS_Log.xml)</p>	<p>From LOV</p>

6

Duplicate IFC Node

General

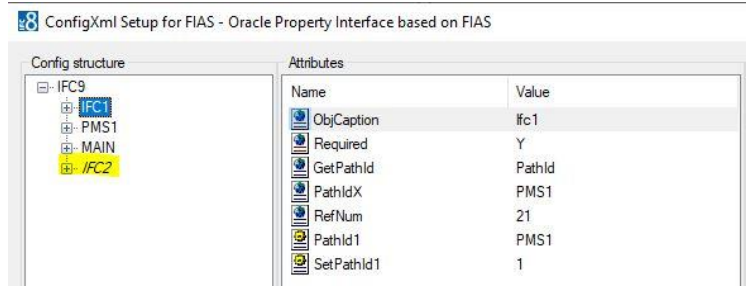
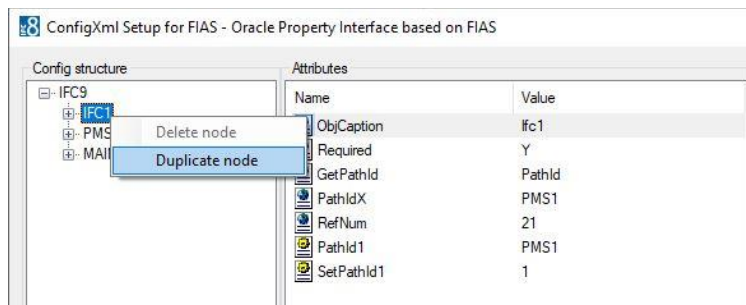
Use this option to create additional Ifc objects when the Ifc instance shall be used for Multi-vendor connections.

A vendor system might require multiple connections to the IFC8 instance based on its internal business logic or functionality.

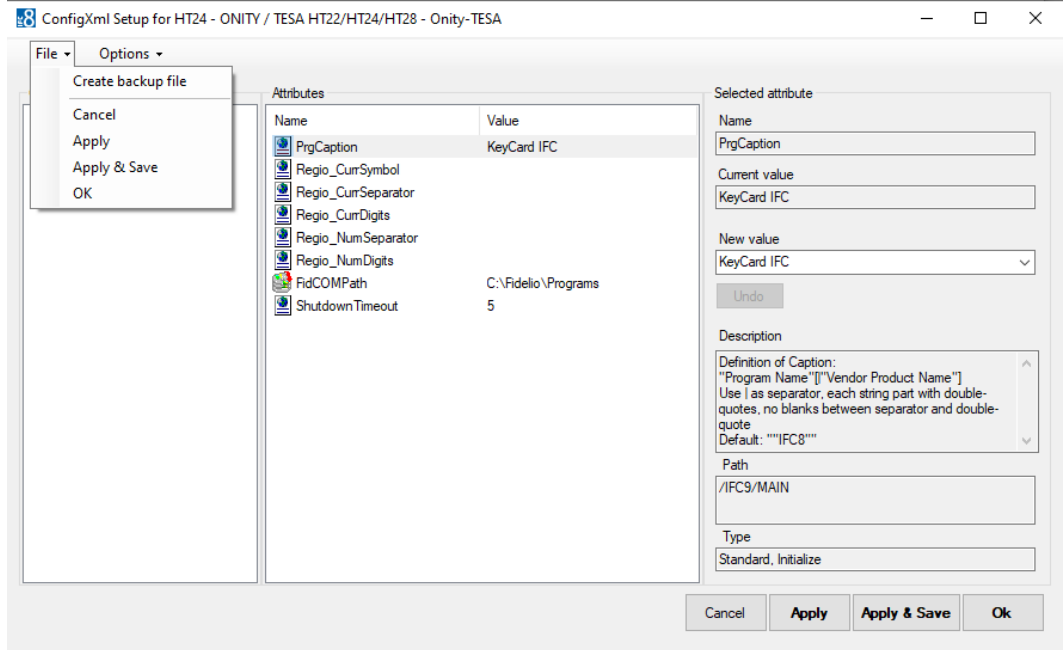
IFC8 can handle such requirements by using multiple Objects.

Add Additional IFC Node

1. Configure the first IFC node as needed.
2. To add additional IFC nodes do the following steps:
 - a. Right-click IFC1 main node.
 - b. Select **Duplicate node** from the context menu.

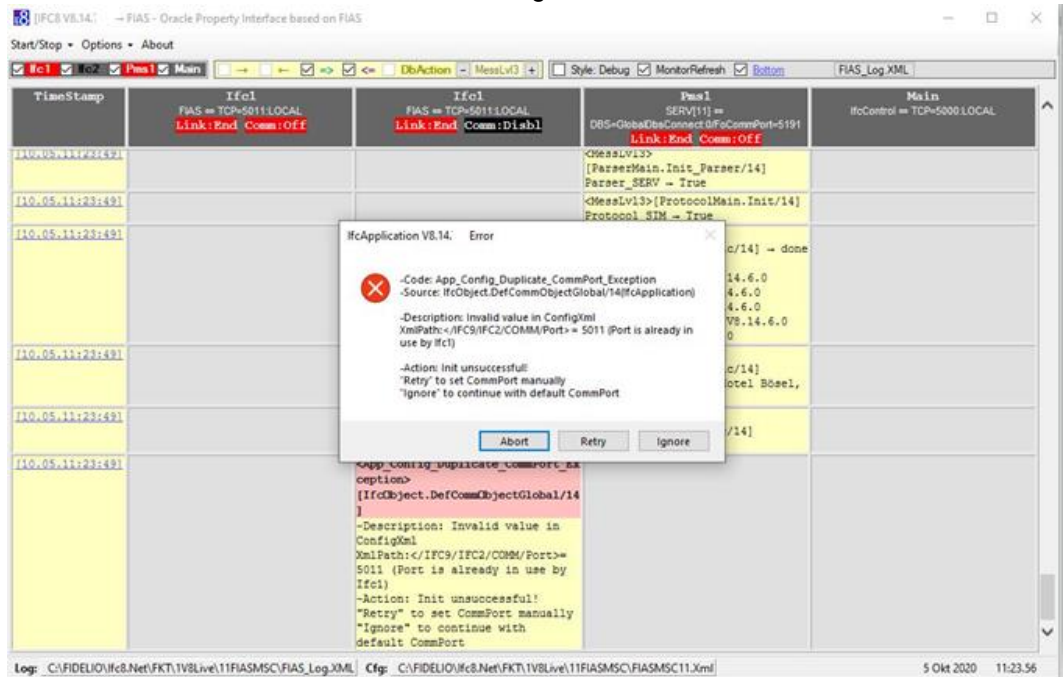


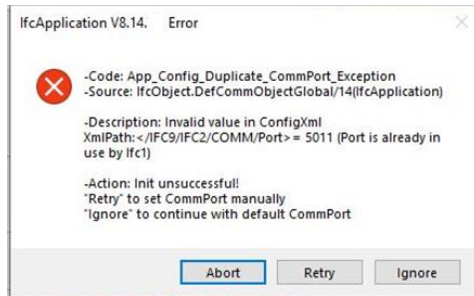
3. Mark the new IFC2 node.



4. Select **Apply** or **Apply & Save**.

IFC8 instance reinitializes and will write (and save) the new IFC2 node into the Config.xml file. A warning will open as IFC8 detects the same IP Port used also defined in the IFC2 node. This must be changed.

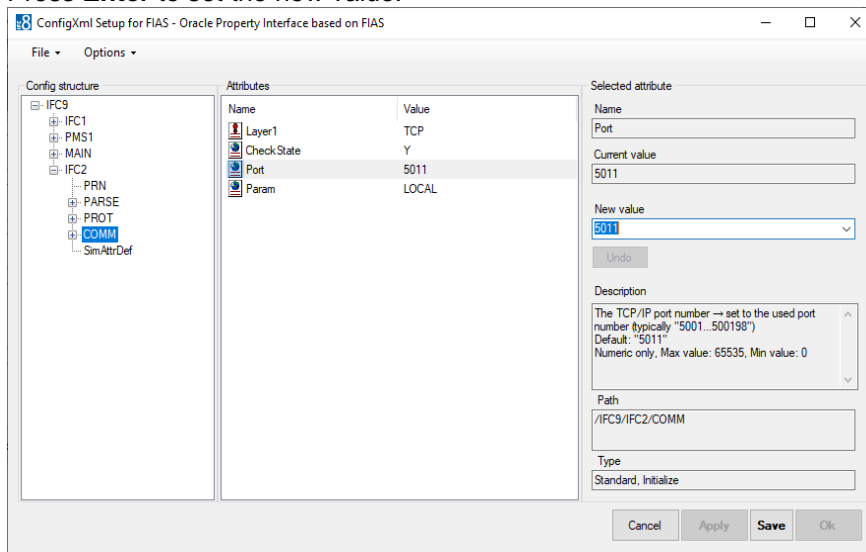




5. Click **Retry** to manually adjust the IP Port now.

The Configuration Editor will jump to the IFC2/COMM/ sub-node.

6. Select the Parameter **Port** and in the **New Value** field enter the valid IP Port (must be different to the IP Port defined in IFC1 COMM/Port Parameter).
7. Press **Enter** to set the new value.



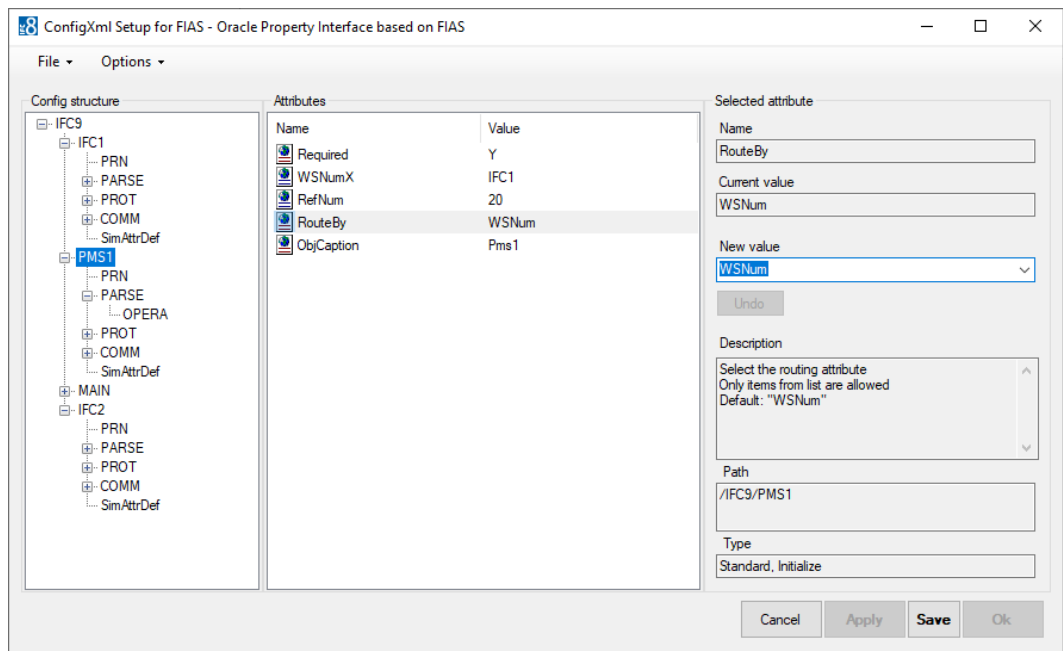
8. Click **Apply** or **Apply & Save** to store the new settings in the Config.xml file.
9. Recommend to adjust the settings where necessary :
 - **IFC2/ObjCaption** parameter: define an individual object name
 - **IFC2/Required** parameter:
 - set to Y if this object must initialize with the vendor system to set the whole IFC instance status to LinkAlive
 - set to N if this object does not need initialization with the vendor system to set the whole IFC instance status to LinkAlive
 - **IFC1/Required** parameter:
 - set to Y if this object must initialize with the vendor system to set the whole IFC instance status to LinkAlive
 - set to N if this object does not need initialization with the vendor system to set the whole IFC instance status to LinkAlive

Set Routing Options

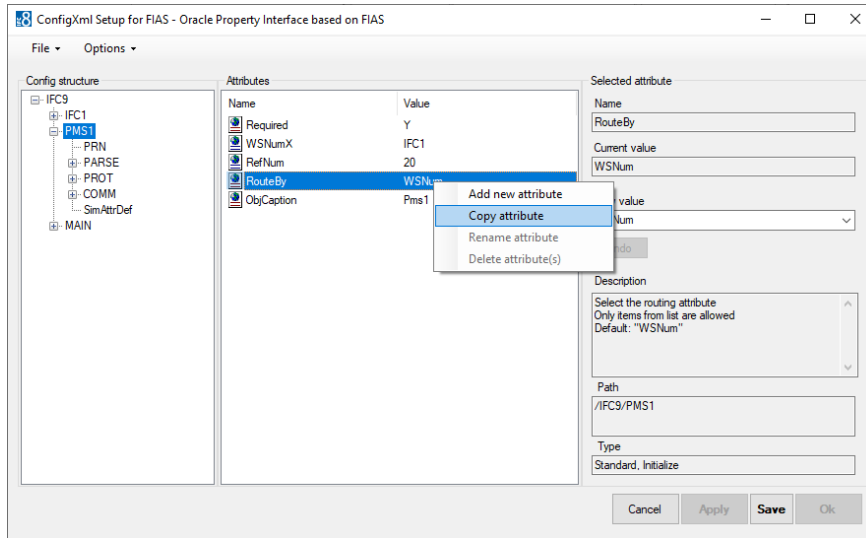
When necessary set routing options in the PMS1 node when the IFC instance shall send messages only to specific IFC objects.

This is used in the case where individual Card Readers (EFT) or Key Card makers are addressed directly by the IfcApplication according to the WS sending the request or the KeyCoder within that request.

1. Go to the **PMS1** node and mark the **RouteBy** parameter.

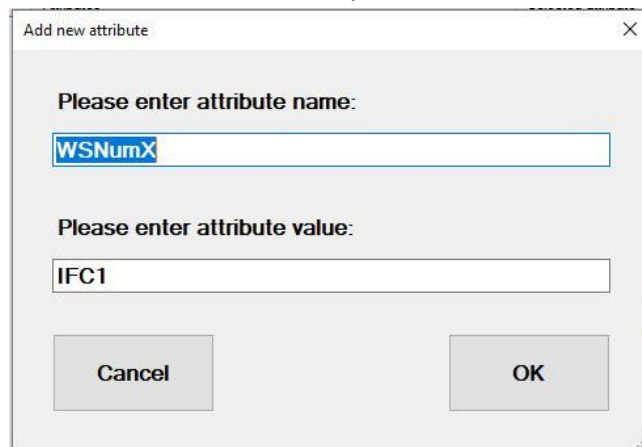


2. In the New Value field choose Route by **WsNum** (Workstation ID) or Route by **KeyCoder** (Door Lock Key Encoder ID).
3. Route by **WsNum**:
4. Mark the **WSnumX** parameter and right-click this:

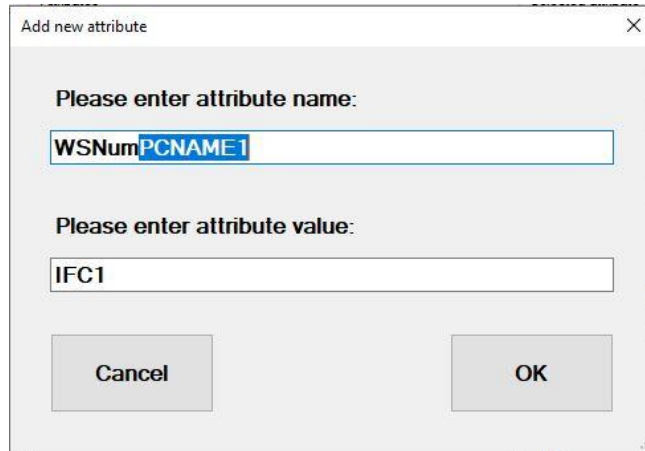


5. Select **Copy attribute**.

A new form **Add new attribute** opens.

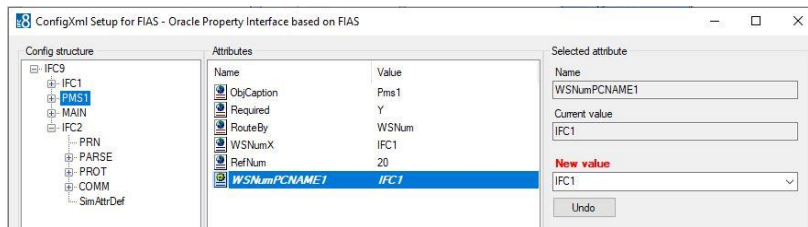


- **Enter attribute name:**
Enter the PCName or value which PMS will send in messages in the WsNum field
- **Enter attribute value:**
Enter the IFC object messages from above WsNum value shall be sent to.
For example:



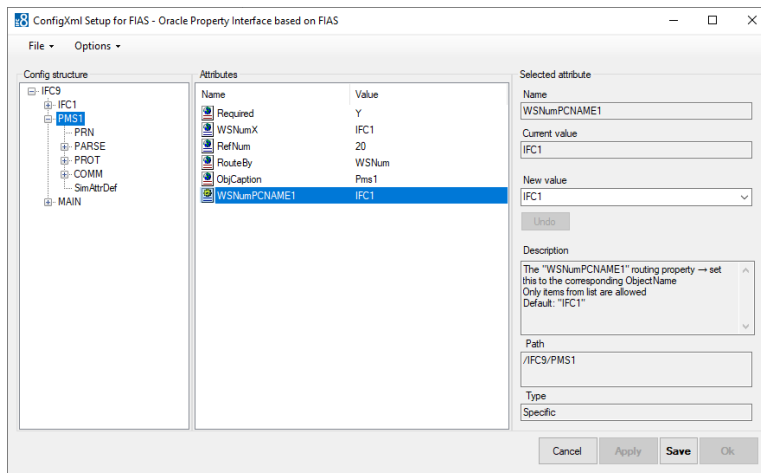
6. Click **OK** to confirm.

The new parameter will be added to the list of Attributes.

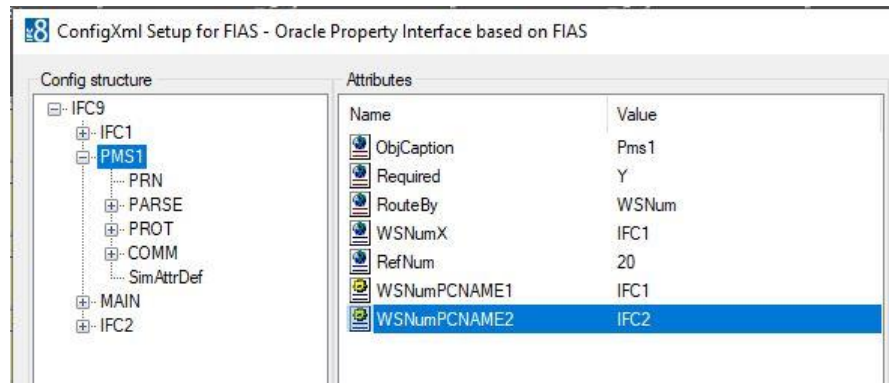


7. Click **Apply** or **Apply & Save**.

IFC8 instance reinitializes and will write (and save) the new IFC2 node into the Config.xml file.



8. Repeat the above steps to add more WsNumXXX parameters with routing to a specific IFC object.



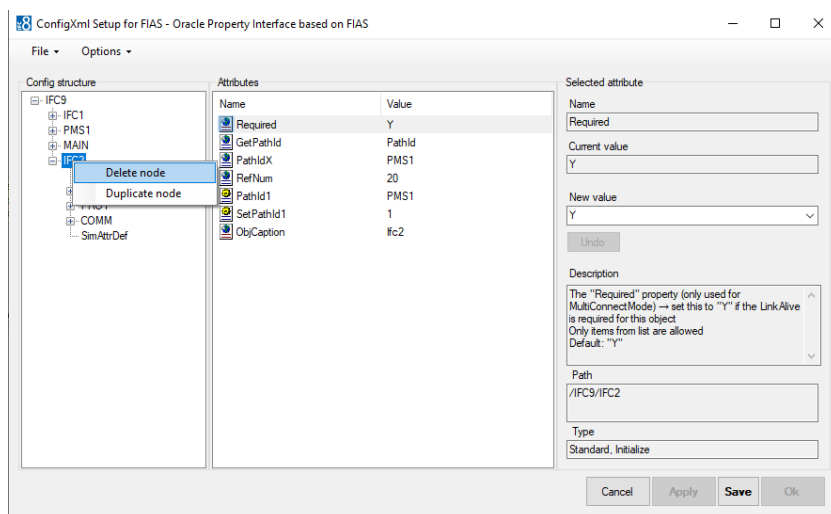
A Message from PMS containing a WsNum value = "PCNAME1" will be sent to the IFC1 object only.

A Message from PMS containing a WsNum value = "PCNAME2" will be sent to the IFC2 object only.

Delete IFC Node

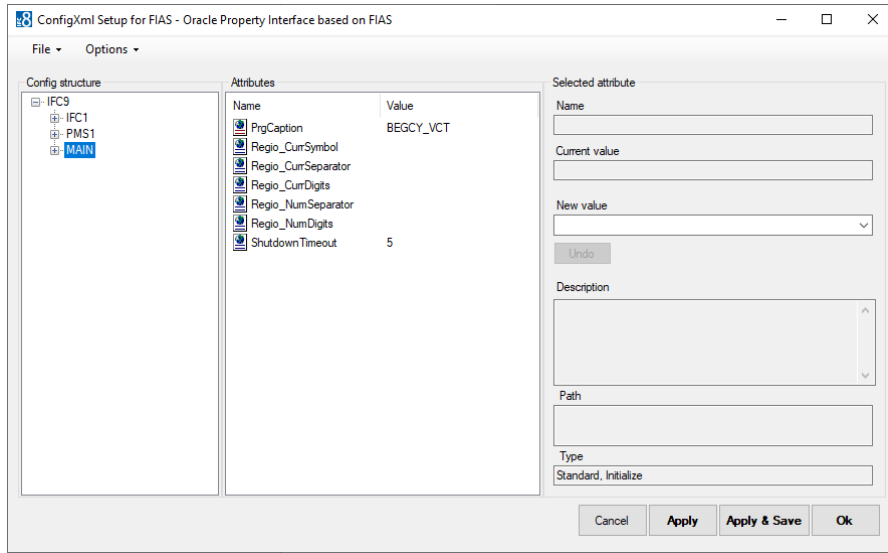
In case an additional IFC object node is no longer needed delete it with the following steps:

1. Mark the IFC node to delete.
2. Right-click the IFC node and select **Delete node**.



3. The IFC node will be removed from the Configuration Editor.
4. Click **Apply** or **Apply & Save**.

IFC8 instance reinitializes and will update /save the updated Config.xml file.



7

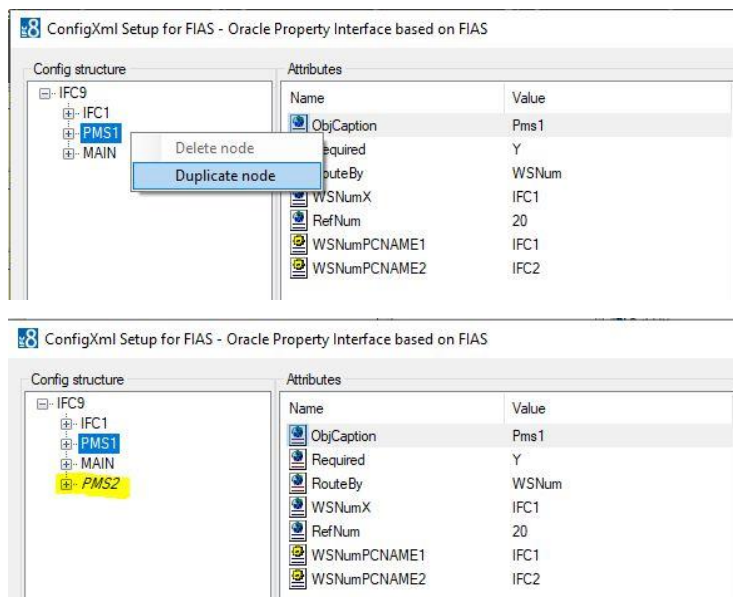
Duplicate PMS node

A vendor system might support exchanging data with multiple hotel instances using one IFC8 connection (e.g. Multi Hotel Cross-Posting).

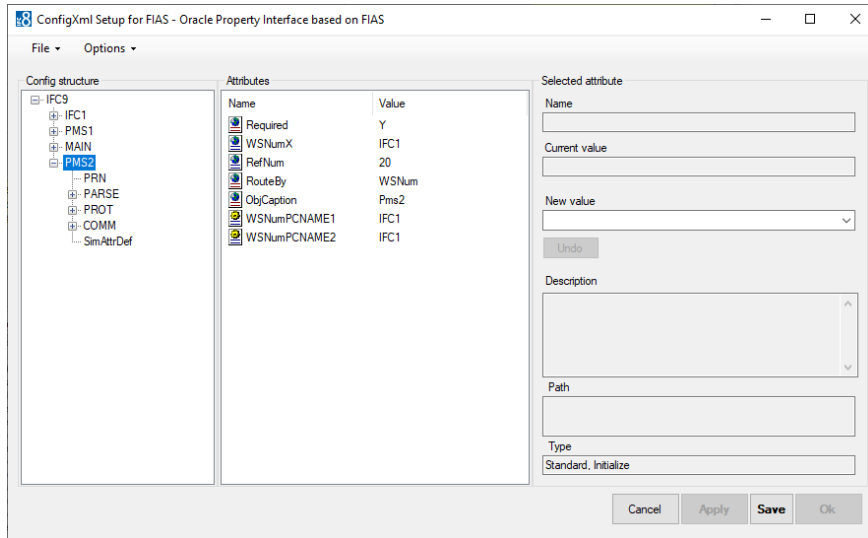
Add Additional PMS Node for Suite8 IFC

Configure the first PMS node as needed.

1. Right-click PMS1 main node.
2. Select **Duplicate node** from the context menu.



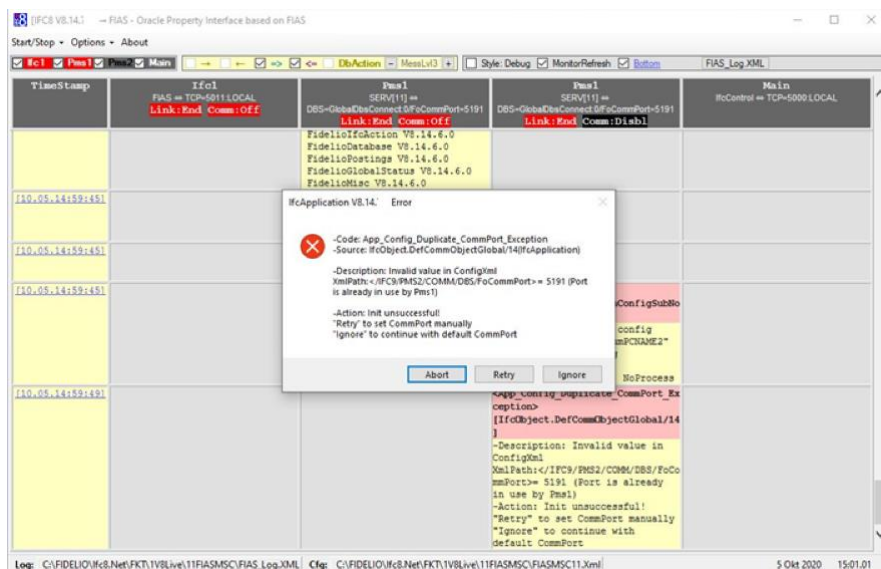
3. Mark the new PMS2 node.

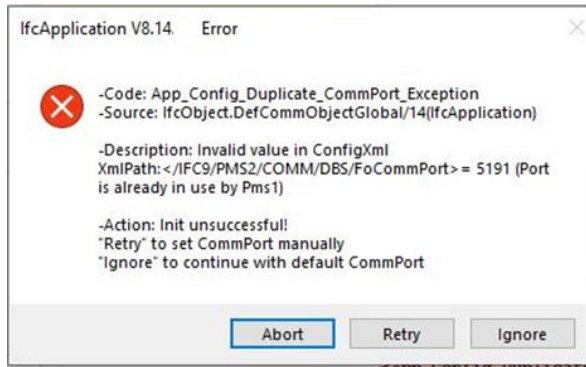


4. Click **Apply** or **Apply & Save**.

IFC8 instance reinitializes and will write (and save) the new PMS2 node into the Config.xml file.

5. A warning will open as IFC8 detects the same IP Port used also defined in the PMS1 node. This must be changed now

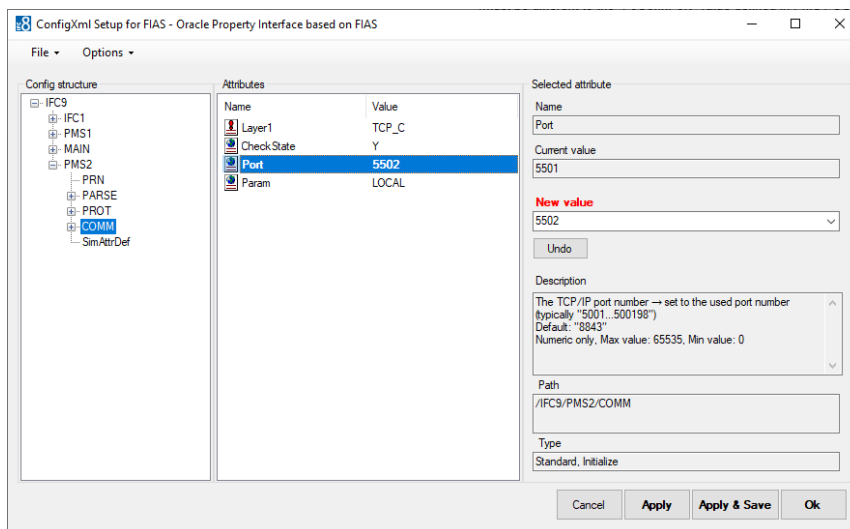




6. Click **Retry** to manually adjust the IP Port now.

The Configuration Editor will jump to the PMS2/COMM/DBS sub-node.

7. Select the Parameter “FoConnPort” and in the New Value field enter the valid IP Port (must be different from the “FoConnPort” value defined in PMS1 COMM/COMM/DBS node).
8. Press **Enter** to set the new value.



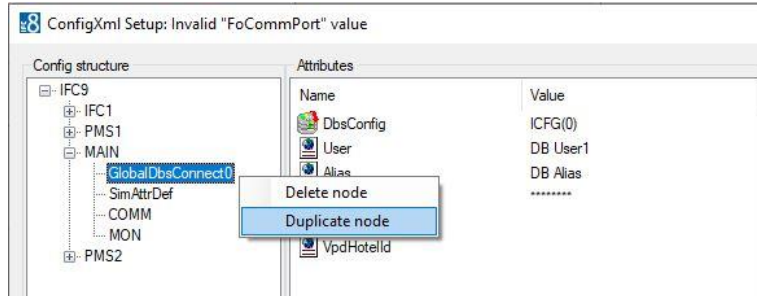
9. Click **Apply** or **Apply & Save** to store the new settings in the Config.xml file.

Required additional Settings

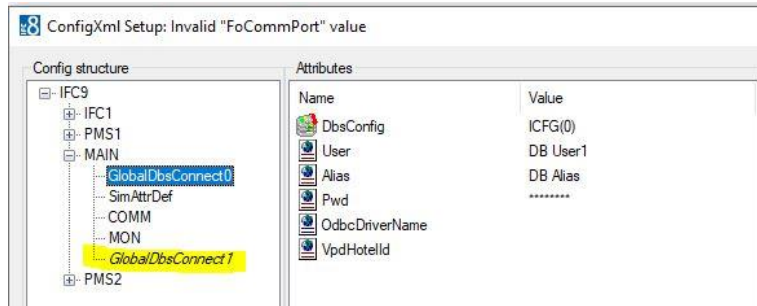
Duplicate GlobalDBsConnect node

Required additional setting as to define additional Database connection for other Suite8 PMS connection

1. In the MAIN node mark and right-click the existing “GlobalDBsConnect0” subnode opening the context menu.
2. Select **Duplicate node**.

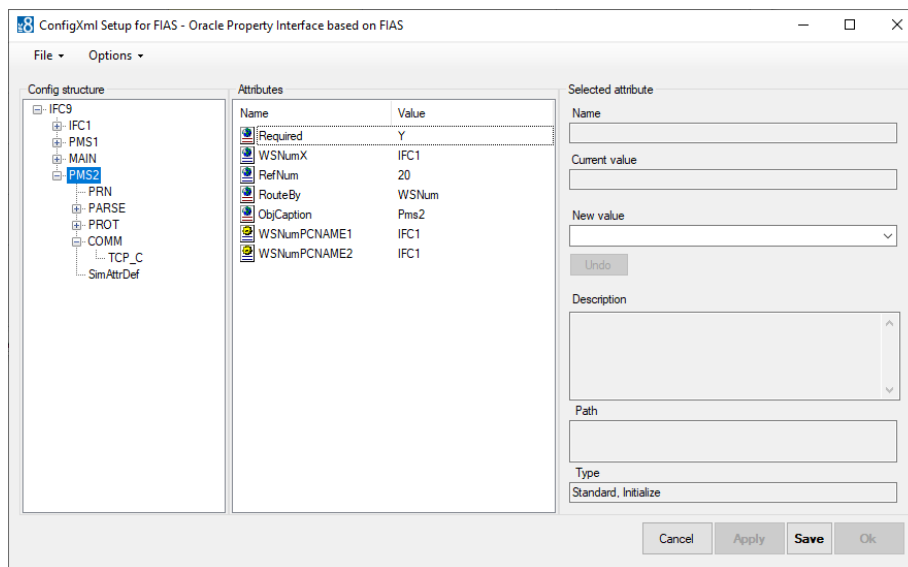


Additional sub-node **GlobalDbsConnect1** will be added.

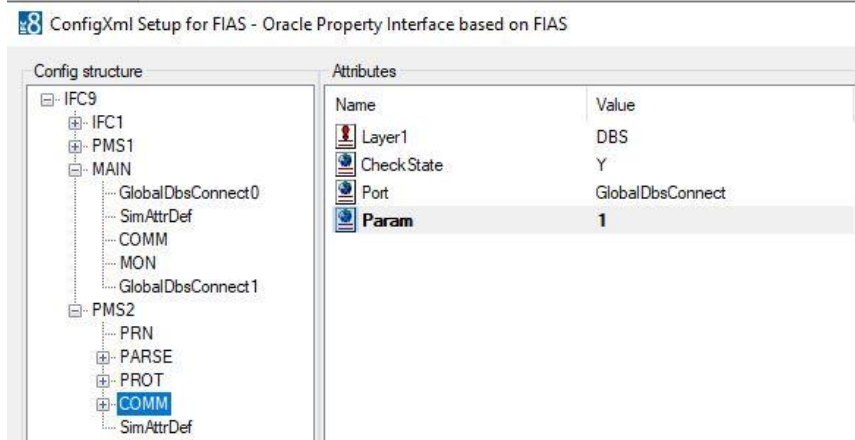


3. Click **Apply** or **Apply & Save**.

IFC8 instance reinitializes and will write (and save) the new sub-node into the Config.xml file.



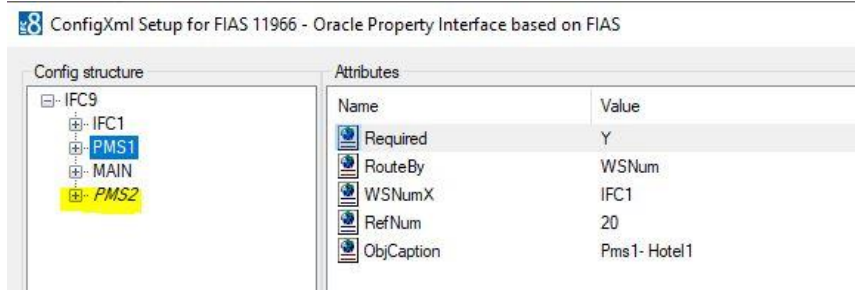
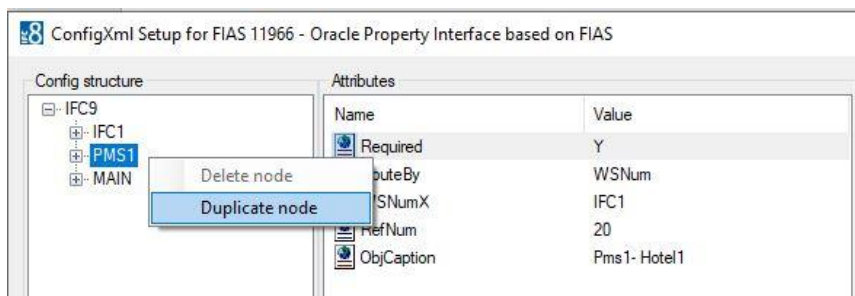
4. Update the Database connection details ("User", "Alias", "Pwd") for the GlobalDbsConnect1 parameter.
5. In PMS2 / COMM subnode change the "Param" parameter to "1" to link the PMS2 node to the new GlobalDbsConnect1 Database connection definitions.



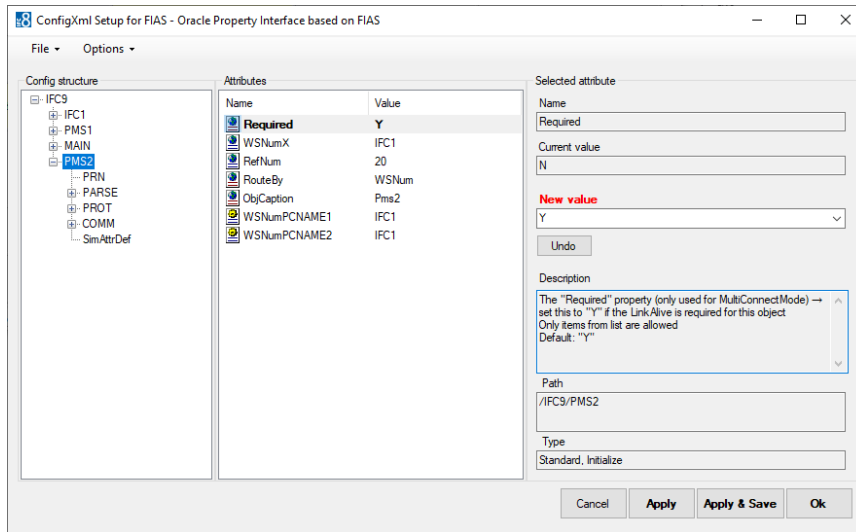
Add Additional PMS Node for OPERA IFC

Configure the first PMS node as needed.

1. Right-click PMS1 main node.
2. Select **Duplicate node** from the context menu.



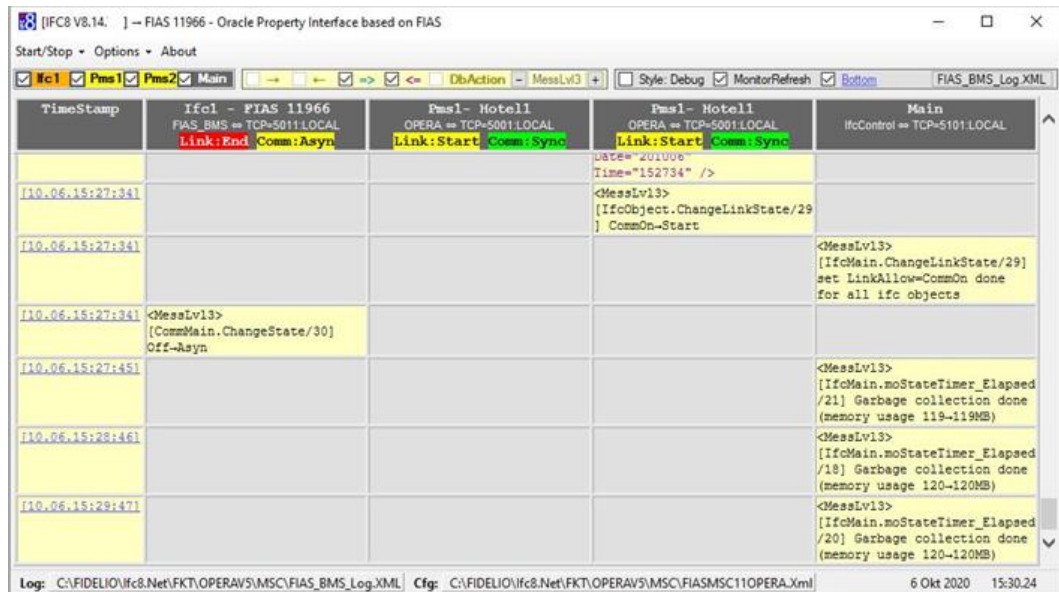
3. Mark the new PMS2 node



4. Click **Apply** or **Apply & Save**.

IFC8 instance reinitializes and will write (and save) the new PMS2 node into the Config.xml file.

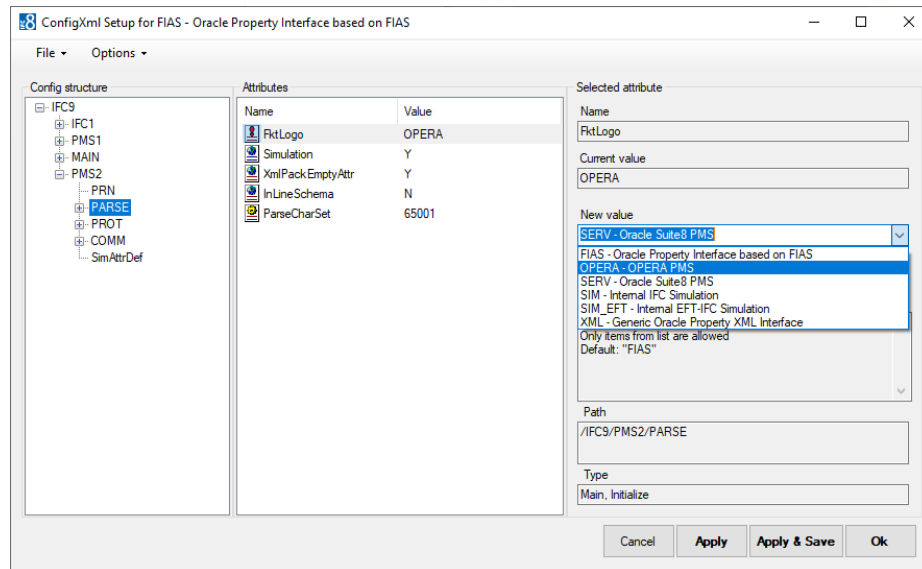
IfcApplication displays now additional Pms2 object:



8

The PMS OPERA Parser Node Settings

IFC Application offers an array of Parsers to be configured in the PMS Object

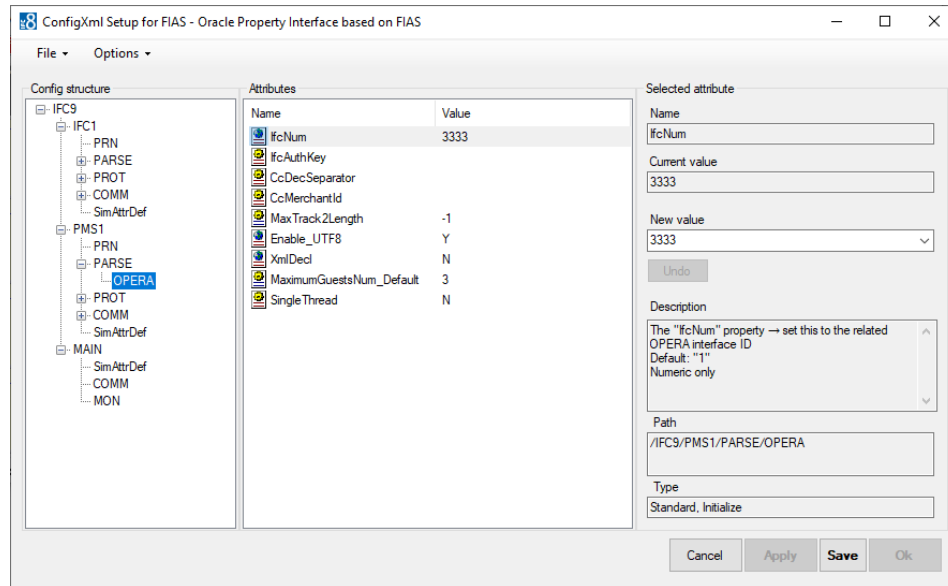


The majority of these are for use in internal, testing, or bespoke scenarios.

We will concentrate on the two connections that are valid for PMS connections. These are:

- OPERA - Opera PMS Property and Opera Cloud PMS Installations
- SERV - Suite 8 PMS Installaion

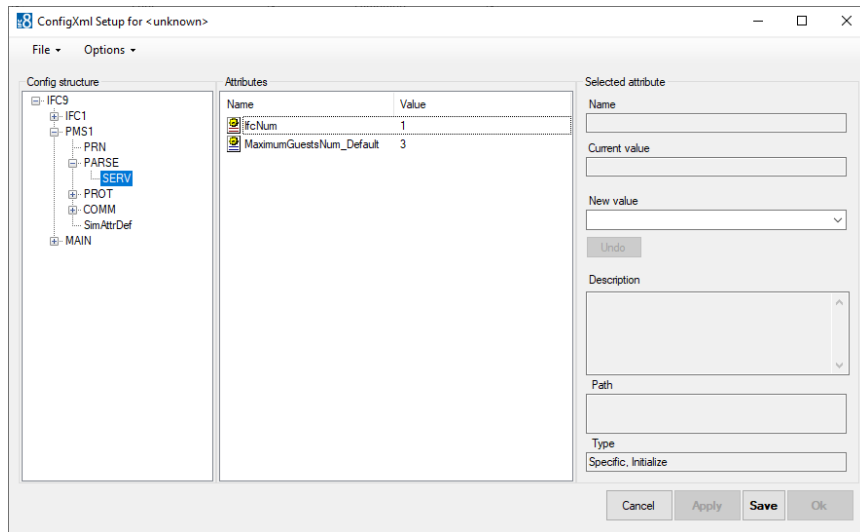
OPERA PMS Parser



MON Sub node Attributes	Value Description	Notes
IfcNum	The "IfcNum" property → set this to the related OPERA interface ID Default: "1" Numeric only	Correspond to Row ID in Opera
IfcAuthKey	The Ifc authorization key for protected XML communication (currently not used, press 'New IfcAuthKey' button) Only items from the list are allowed	
CcDecSeparator	Overwrites the definition of OS decimal separator for Cc - Currency attributes("." = default[OPERA], Empty = use OS settings for numerics) Only items from the list are allowed Default: "."	
CcMerchantId	Default MerchantId for EFT actions it does not pass from OPERA Versions< 5.0.02.03 Default: ""	
MaxTrack2Length	The maximum length of the Track2 in KeyAnswer reply (default: -1 → disabled) Default: "-1" Numeric only, Max value: 1024, Min value: -1	

MON Sub node Attributes	Value Description	Notes
Enable_UTF8	Set "N"(IFC8.VB6 compatibility mode) for send non ASCII characters in XML strings as escape squence like "" (default="Y") Only items from the list are allowed Default: "Y"	
XmlDecl	Enable/disable XmlDeclaration element <?xml version="1.0"?> for Xml documents (default="N") Only items from the list are allowed Default: "N"	
MaximumGuestsNum_Default	Default of maximum PostListItems if PostInquiry.MaximumGuestsNum is not defined Default: "3" Numeric only, Max value: 50, Min value: 1	
SingleThread	SingleThread → IFC object works in SingleThread mode (default="N") Only items from the list are allowed Default: "N"	A prerequisite is the transmission of a unique WSNUM entry in every record.

Suite 8 PMS Parser



MON Sub node Attributes	Value Description	Notes
IfcNum	The "IfcNum" property → set this to the related ICFG_ID Default: "1" Numeric only, Min value: 1	
MaximumGuestsNum_Default	Default of maximum PostListItems if PostInquiry.MaximumGuestsNum is not defined Default: "3" Numeric only, Max value: 50, Min value: 1	
