Oracle® Hospitality Hotel Property Interface IFC8 Configuration





Oracle Hospitality Hotel Property Interface IFC8 Configuration Release 8.14.12.1

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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/

Date	Description
July 2019	Initial Publication
June 2021	Update of screenshotsAdded new functionality description
August 2021	Review in respect to version 8.14.12Updated Screen ShotsAdded new functionality description
September 2021	• Review in respect to 8.14.12.1

Table 1 Revision History

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	Туре	Size	
Tmp	18.08.2020 14:30	File folder		
8 IfcApplication.exe	17.07.2020 01:14	Application	3.772 KB	

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



IfcApplication will launch a series of pop-up messages.

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

Start/Stop - Options -	About	hAction - Messl v(3 +)	MontorRefersh Bottom Hickors mil
TimeStamp	Ifc1 Unknown ⇔ Unknown-Unknown Unknown Link:End Comm:Disbl	Pms1 Unknown ↔ Unknown-Unknown Unknown Link:End Comm:Disbl	Main-V8.14.1 IfcControl +> TCP-Unknown
106.02.10:31:161 106.02.10:31:171 106.02.10:31:171 106.02.10:31:171	IfcApplication IfcApplication Code: -Code: -Source: Press 'OK	elated update of configuration file required. App_Config_Global_Exception IfcMain.CheckDpapiConfigAndValues/1 to continue! OK Cancel	<pre>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>
106.02.10:31:171			<pre><app_config_global_exception> [IfcMain.CheckDpapiConfigAndValues /1] -Description: Security related update of configuration file requiredAction: Press 'OK' to continue!</app_config_global_exception></pre>

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.

16 If cApplication			- 0 ×
Start/Stop - Options	• About	DhAction - Messl v13 + Style: Debug	MonitorRefresh Sottom Ifolion vml
TimeStamp	Ifc1 Unknown ⇔ Unknown-Unknown Link:End Comm:Disbl	Pms1 Unknown⇔Unknown:Unknown:Unknown Link:End Comm:Disbl	Main-V8.14 IfcControl ⇔ TCP=Unknown
	IfcApplication \	/8.14. ×	-Action: Press 'OK' to continue!
106.02.10:33:071	DB co -Codi -Sour DB co Shou	ennection configuration missing e: App_Config_AttrNotFound_Exception ce: IfcMain.inititCObjects/1 unnect possible, but not configured! Id the DB connection be prepared?	<pre><app config="" exception="" global=""> [IfcHain.HandleConfigNotValidated/ 1] -Description: Configuration changes detected, content, file name or file path might have changed. Ifc startup aborted! -Action: Use config editor to validate configuration and save changes!</app></pre>
106.02.10:36:291			<pre><app_config_attrnotfound_exception>[IfcMain.InitIfCODjects/1] -Description: DB connection configuration missing -Action: DB connect possible, but not configured! Should the DB connection be prepared?</app_config_attrnotfound_exception></pre>

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:

8 Configuratio	on Item	
kara Dath	21000 / MAIN	
item-rath	/TFC5/MAIN	21
Item-Name	FidCOMPath	
Item-Value	C:\Fidelio\Programs	-
Description	Path of the Fidelio-COM.Dll files	
Error Descr.	Attribute not found	
Use 'Ignore' to Use 'Retry' to re Use 'Cancel' to	retry with selected value / use default values for all other incorrect items etry with selected value / show message box for other incorrect items abort program	
	Cancel Retry Ignore]

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).

- Click Ignore to retry with selected value/use default values for all other incorrect items – IFC will populate configuration with default values. <u>This is the recommended</u> <u>option</u>.
- 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.

Authentication by	Win user	×
User Name:	usemame	
Win Domain:		
Password:		
	Login	

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.

infig structure	Attributes		Selected at	ttribute		
FIFC9	Name	Value	Name			
PMS1	DbsConfig	ICFG(0)	DbsConfig Current value			
MAIN	User	type the database user na				
Global DbsConne	Alias	type the database alias na	ICFG(0)			
COMM	OdbcDriverName	Oracle in OraClient 12Home	New value - VALIDATION REQUIRED!			
MON	VpdHotelId		Open DbsConfig			
			The global Only items Default: "I Attribute w	I "BusinessL from list are ICFG(0)" vas missing o	ogic" database setup allowed	hina with
			original va	lue " <not fo<="" td=""><td>und>"</td><td>ing mar</td></not>	und>"	ing mar
			Path			
		/IFC9/MA	IN/GlobalDi	bsConnect0		
		Туре				
			Initialize, D	ObsConf		

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

Available parameters:

Parameter	Value	Notes
DbsConfig	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 here="" password="" your=""> (Suite8 only)</type>
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)
VpdHotelld		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:

DFCB-V8.14,"	Unknown	- 🗆 X
Start/Stop + Option	s • About	
Ital Pm1	Main ++ 🗹 => 🗹 <= DbAction - MessLvl3 +	MonitorRefresh Bottom KcLog.xml
TimeStamp	Ifcl Res1 Unknown = Unknown Un	Main-V8.14. IfcControl = TCP=Unknown
	IfcApplication V8.14	X DurrDigits="2" NumSep="." NumDigits="2"
106.02.10:41:46	Configuration changes detected, content, file name or file path might have changed. if c startup aborted	sLv13> Main.TerminateIfc/11] alDbaDisConnect → DBS pnhected done
106.02.10:41:46	Source: IfdMain.HandleConfigNotValidated/11	aLv13> Main.StopIfcObjecta/11] → True
106.02.10:41:46	Use coming editor to validate computation and save change	Config_Global_Exception> Kain.BandleConfigNotValidated/
		rription: Configuration manyes detected, content, file name or file path might have changed. If c startup aborted! -Action: Use config editor to validate configuration and save changes!

16. Confirm this message with "OK"

Another form will pop up. IfcApplication will add further attributes.

8 Configura	ition Item —	×
Item-Path	/IFC9/IFC1	
Item-Name	ObjCaption	
Item-Value	lfc1	\sim
Description	Define an individual name for the lfc1 object to be used for display in monitoring (max. 20 character)	^
		\vee
Error Descr.	Attribute not found	^
		\sim
Use 'Ignore' to Use 'Retry' to Use 'Cancel' t	o retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program	
	Cancel Retry Ignore	

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.

File + Options +							
ionfig <mark>structure</mark>	Attributes		Selected attr	ribute			
E-IFC9	Name	Value	Name				
H PMS1	DbsConfig	ICFG(0)	DbsConfig				
MAIN	User	Välive	Current valu	Je I			
GlobalDbsConne	Alias	v8	ICFG(0)				-
- SimAttrDef	Pwd						
MON	OdbcDriverName	Oracle in OraClient 12Home	New value	e - VALID	ATION REQUIRE	:D!	
	VpdHotelId			Ope	en DbsConfig		
			-				
			Description			417	_
			Only items fr	rom list are	ogic" database setur allowed	,	
			Default: "IC	FG(0)"	r ualuo wao pot mato	الاس محتط	
			original valu	ie " <not fou<="" td=""><td>ind>"</td><td>a in ig wid</td><td>e.</td></not>	ind>"	a in ig wid	e.
			Path				
			/IFC9/MAIN	V/GlobalDb	sConnect0		
			Туре				-
			Initialize, Db	osConf			
					[]	- 	

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.

ne • Options •			
onfig structure	Attributes		Selected attribute
B-IFC9	Name	Value	Name
IE-IFC1	DbsConfig	ICFG(0)	DbsConfig
E-MAIN	User 💽	V8live	Current value
GlobalDbsConnect0	Alias 🖉	v8	ICFG(0)
SimAttrDef	Pwd		Land device and
MON	OdbcDriverName	Oracle in OraClient12Home1_32bit	New value
	VpdHotelid		Open DbsConfig
			Undo
			Description
			The global "BusinessLogic" database setup Only items from list are allowed Default: "ICFG(0)"
			Path
			/IFC9/MAIN/GlobalDbsConnect0
			Туре
			Initialize, DbsConf

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

ile + Options +							
nfig structure	Attributes		Selected attribute				
B- IFC9 ⊡- IFC1 □ PRN	Name	Value	Name				
	FktLogo	FIAS	FktLogo				
SimAttrDef	Simulation	Y	Current value				
PARSE	XmlPack EmptyAttr	Y	FIAS				
PROT	InLineSchema	N					
B - COMM B - PMS1 → MAIN → GlobalDbsConnect0	GetParseConfig	GetParseConfig	New value				
	LA_TimeOut	3000	FIAS				
	ParseCharSet	850	Lindo				
SimAttrDef	CharPlaceHolder_Def	laceHolder_Def III De Th Pr Pr De	Sold Sold Sold Sold Sold Sold Sold Sold				
COMM			Description				
MON			The parser class — select the corresponding RtLlogo Only items from list are allowed Default: "FIAS"				
			Path				
			/IFC9/IFC1/PARSE				
			Туре				
			Main, Initialize				

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.

File • Options •			
onfig <mark>structure</mark>	Attributes		Selected attribute
E-IFC9 E-IFC1	Name	Value	Name
	I FktLogo	M87POS	FktLogo
SimAttrDef			Current value
PARSE			FIAS
PROT			
I PMS1			New value
- MAIN			M87POS
GlobalDbsConnect0			Undo
SimAttrDef			
MON			Description
MON			The pareer class → select the corresponding RktLogo Only tems from list are allowed Default: "FIAS"
			Path
			/IFC9/IFC1/PARSE
			Туре
			Main, Initialize

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

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

Itc1 ≥ Pms1≥	Main	8 Configura	ation Item			— D	\times	h <u>Bottom</u> M87PO:	S_L
TimeStamp	M8	Item-Path	/IFC9/IFC	C1/PARSE				a-V8.14 trol ⇔ TCP=5101:LOCAL	ŀ
		Item-Name	Simulation	n					I,
		Item-Value	1				~	etting used by OS:	ľ
		Description	Enables/	disables the Simulation-N	< >	bcl="€" ="," ;its="2"			
		Error Descr.	Attribute	not found			~	ts="2"	
06.02.10:55:431									1
06.02.10:55:431		Use 'Ignore' tr Use 'Retry' to Use 'Cancel' t	o retry with s retry with se to abort prog	elected value / use defa elected value / show me gram	sult values for all other in ssage box for other inco	correct items rrect items		<pre>iminateIfc/7] sConnect - DBS id done iopIfcObjects/7] - True</pre>	
06.02.10:55:451	<warning> [ConfigXm eAndExp/7</warning>			Cancel	Retry	Ignore			100

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

🛛 Pms 1 🖓 Main	- 🗹 -> 🗹 <= 🗌 DbAction -	MessLvl3 + Style: Det	ug 🗹 MonitorRefresh 🛷 <u>Bottom</u>	M87PO	S_Log XML
Stamp M87POS Link: Item: "/IFU9/IF itingForShutdow	Ifc1 CTCP-5001LOCAL SEE End Comm:Off CTCPROI/MS/ICP/TimeoutWa a" - Attribute not found	Pms1 RV[1] ⇔ DBS=GiobaDbaConnect Link:End Comm	:0/FoCommPort=5501 ::Off	Main-V8.14. IfcControl ↔ TCP=5	101 LOCAL
ConfigXml Setup for M87PO	S - Micros 3700/8700/9700 POS (Enh	anced)		-	
File • Options •	Attributes		Selected attribute		
	Name RetLogo Smulation NmPackEmptyAtr InLineSchema GetParseCorfig LA_TimeOut ParseCharSet CharPlaceHolder_Def	Value M87POS Y N GetParseConfig 3000 1252 46(46)	Name Current value New value Description Path Type Main, Initialize		

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:

🔝 (IFC8 V8.14 M	87PO5 - Micros 3700/8700/9700 POS (Enha	nced)		- 🗆 X
Start/Stop + Options + /	About			Config Model
S Ici S Pasts Ma		Notion - MessLvC + Syle Debug 🖓 Mo	ntorRefresh	ME7POS_Log XML
TimeStamp	Efel MITPOS == TCP-5001LOCAL Link:End Comm:Off	Pms1 55RV(1) = D85-GebsDbsConcet0fsComPat-5501 Link(End Comm:0ff	Main-VB ReCentral	.14. TCP-5101 LOCAL
LESING CONTRACT			(IfcMain.moState Garbage collect)	Timer_Elapsed/7]

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.

IFC8 V8	.14.	- M87POS - Micros	3700/8700	/9700 POS (Enha	nced)		>
Start/Stop +	Opti	ions - About					Config Mod
🗹 ici 🗹		Configuration	Alt+C	<□ D	bAction - MessLvl3 + Style: Debug 🗸 Mo	nitorRefresh 🗹 Bottom	M87POS_Log_XML
TimeSt	*	Disable config mode	Alt+G		Den et 1	Main-V8 14	
T LINUS		Create certificate	Alt+T	LOCAL	SERV[1] ⇔	IfcControl == TCP=	5101:LOCAL
		Simulation	Alt+U	:011	Link:End Comm:Off		
TAALARIER		Database swap	Alt+W			[IfcMain.moStateTime:	r_Elapsed/20]
	~	Show monitoring	Alt+E			Garbage collection do	one (memory

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\lfc8.Net\lfcApplication (freely definable) using the IFC8 FKT Logo as the directory name.

Example: c:\fidelio\lfc8.Net\lfcApplication\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.

Start/Ston - Ontions - About			
V fc1 V Pms1 V Main	← Ø => Ø <= DbAction	- MessLvl3 + Style: Debug	MonitorRefresh Bottom IHV_Log.XML
TimeStamp H	Ifc1 V⇔TCP-5003LOCAL k:End Comm:Disbl DBS	Pms1 SERV[3] ⇔ ∝GlobalDbsConnect.0/FoCommPort=55	Main-V8.14. IfcControl TCP=5103.LOCAL
106.02.11:40:541	IfcApplication V8.14.		X CommTcpServMulti.Init_Specific/1] MBOESEL-LAP:5103) - done
106.02.11:40:551	-Code: App_Co -Source: IfcMain	unfig_Global_Exception .CheckDpapiConfigAndValues/1	MessLv13> IfcMain.CheckRequiredObjects/1] → rue
106.02.11:40:551	Press 'OK' to con	tinue!	MessLv12> frmIfcApplication.StartIfc/1] Ifc bjects will be initialized
106.02.11:40:551		OK Cancel	MessLv13> IfcMain.StopIfcObjects/1] - True
106.02.11:40:551			<pre><app_config_global_exception> [IfcMain.CheckDpapiConfigAndValues/ 1]</app_config_global_exception></pre>
			-Description: Security related update of configuration file required. -Action: Press 'OK' to continue!

4. Click **OK** to continue.



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

c1 / Pme1 / Ela	Configure	tion Itom			- -	V	Dottom	HW Lee YM
	E Conngula	nion nem				^	Doctorii	THV_LOG.XM
TimeStamp	H Item-Path	/IFC9/MAIN	0				in-V8.14.11 ontrol \Leftrightarrow TCP=510	.0(A) 3:LOCAL
Li	ni Item-Name	FidCOMPath	1					
	Item-Value	C:\Fidelio\P	rograms			~	/COMM/DB5/Pm /GlobalDbsCo	suser <i>r</i> wa nnect0/Pwd
.02.11:43:221	Description	Path of the Fidelio-COM.DII files				^	g_Global_Exc andleConfigN	eption≻ otValidated/1
	Error Descr.	Attribute not	found			^	on: Configur tected, ile name or changed.	ation file path
	Use 'Ignore' to Use 'Retry' to Use 'Cancel' t	retry with sele retry with selec o abort program	cted value / use def ted value / show me n	ault values for all other ssage box for other inc	ncorrect items		p aborted! se config ed onfiguration	itor to and save
5.02.12:05:361						_	.AddAttrWith	ConfigSubNode
			Cancel	Betry	lanore			

When IFC8 connects with Suite8 PMS the above path of the location of the Fidelio 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.

🔀 Configuratio	on Item	×	8 Configurati	ion Item 📃 🗖	- ×-
Item-Path	/IFC9/MAIN		Item-Path	/IFC9/IFC1/PROT	
Item-Name	ShutdownTimeout		Item-Name	ReplyTimeOut	
Item-Value	5	•	ltem-Value	8000	-
Description	The maximum "ShutdownTimeout" property \rightarrow wait for selected timeout (in seconds) before a forced shutdown is performed.	* *	Description	The maximum time waiting for reply record from vendor system \rightarrow set this in Milliseconds (default for IHV is "3000")	*
Error Descr.	Attribute not found	* +	Error Descr.	Attribute not found	*
Use "Ignore" to Use "Retry" to n Use "Cancel" to	retry with selected value / use default values for all other incorrect items etry with selected value / show message box for other incorrect items abort program Cancel Retry Ignore		Use Ignore't Use Retry'to Use Cancel't	o retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program Cancel Retry Ignore	

8 Configurat	ion Item 💿 💽	🔁 Configurati	ion Item	×
Item-Path	/IFC9/IFC1/PROT	Item-Path	/FC9/FC1/PROT	
Item-Name	TimeoutThreadWait	Item-Name	TimeoutThreadSleep	
Item-Value	2501 -	Item-Value	21	•
Description	timeout after which the inbuffer is checked if no signal was received (set to ''-1'' at to wait infinite for signal) (default for IHV is ''2500'') $$=\!$	Description	sleep timeout for read thread (set to 0, if sleep should not be used) (default for IHV is "20")	*
Error Descr.	Attribute not found	Error Descr.	Attribute not found	*
Use "Ignore" ti Use 'Retry' to Use 'Cancel' I	o retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program Cancel Retry Ignore	Use "Ignore" to Use 'Retry' to Use 'Cancel' t	o retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program Cancel Retry Ignore	

🔀 Configurat	ion Item 📃 🔲	×	R Configura	tion Item
Item-Path	/FC9/FC1/PB0T			
to bi			Item-Path	/IFC9/IFC1/PRUT/LLC_BMP
Item-Name	l imeout i hreadStop		Item-Name	TimeoutWaitingForShutdown
Item-Value	200	•	Item-Value	10000
Description	timeout waiting for read thread to stop before thread will be aborted (default for IHV is "200")	* •	Description	The maximum time waiting for current shutdown was requested \rightarrow set this in
Error Descr.	Attribute not found	* *	Error Descr.	Attribute not found
Use "Ignore" to Use "Retry" to Use "Cancel" f	oretry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program		Use 'Ignore' i Use 'Retry' to Use 'Cancel'	to retry with selected value / use default o retry with selected value / show messag to abort program
	Cancel Retry Ignore			Cancel



8 Configurati	on Item		🚯 Configurat	ion Item	×
Item-Path	/IFC9/IFC1/COMM/TCP		Item-Path	/IFC9/PMS1/PROT	
Item-Name	TCP_PollE vents		Item-Name	ReplyTimeOut	
Item-Value	5	-	ltem-Value	8000	-
Description	TCP poll event timeout in msec. \rightarrow default: "-1"(disabled)	÷	Description	The maximum time waiting for reply record from vendor system \rightarrow set this in Milliseconds (default for SERV is "3000")	*
Error Descr.	Attribute not found	*	Error Descr.	Attribute not found	* *
Use "Ignore" to Use 'Retry' to Use 'Cancel' t	retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items > abort program		Use "Ignore" to Use "Retry" to Use "Cancel" t	o retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program	
	Cancel Retry Ignore			Cancel Retry Ignore	

🛃 Configurati	on Item 📃 🗖 💌	8 Configurat	ion Item 📃 🗖 💌
Item-Path	/IFC9/PMS1/PROT	Item-Path	/IFC9/PMS1/PROT
Item-Name	TimeoutThreadWait	Item-Name	TimeoutThreadSleep
Item-Value	2501 -	Item-Value	
Description	timeout after which the inbuffer is checked if no signal was received (set to "-1" $$\sim$$ to wait infinite for signal) (default for SERV is "2500") $$\sim$$	Description	sleep timeout for read thread (set to 0, if sleep should not be used) (default for SERV is "20")
Error Descr.	Attribute not found	Error Descr.	Attribute not found
Use "Ignore" to Use "Retry" to Use "Cancel" to	o retry with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items o abort program Cancel Retry Ignore	Use 'Ignore' t Use 'Retry' to Use 'Cancel' i	o rety with selected value / use default values for all other incorrect items retry with selected value / show message box for other incorrect items to abort program Cancel Retry Ignore

8 Configuration	on Item	×				
Item-Path	/IFC9/PMS1/PROT					
Item-Name	TimeoutThreadStop					
Item-Value	200					
Description	timeout waiting for read thread to stop before thread will be aborted (default for SERV is "200")	*				
		Ŧ				
Error Descr.	Attribute not found					
		-				
Use Tgnore' to Use 'Retry' to r Use 'Cancel' to	rety with selected value / use default values for all other incorrect items ety with selected value / show message box for other incorrect items abort program					

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.

tart/stop + Options + At	iout		Config Validation Require
/ IICI / Pinsl / Main		DbAction - MessLv(3 +	MontorRefresh Bottom IHV_Log.XML
TimeStamp	Ifc1 HV == TCP=5003:LOCAL Link:End Comm:Off	Pms1 SERV[3] ⇔ DBS-GlobaDDsConnectOfFaCommPort=5503 Link:End Comm:Off	Main-V8.14. IfcControl ⇔ TCP=5103LOCAL
106.02012:07:201		<pre>(MessIv12> [CommDbs.Init_Specific/1] - done FidelioIfcAction V8.14.9.0 FidelioDatabase V8.14.9.0 FidelioCatings V8.14.9.0 FidelioGlobalStatus V8.14.9.0 FidelioMisc V8.14.9.0</pre>	
06.02.12:07:201		<pre><messlvl2> [CommDbs.Init_Specific/1] Connected to hotel "Hotel Bösel, Willich Wekeln"</messlvl2></pre>	
106.02.12:07:201		<messlv13>[CommMain.ChangeState/1] Disbl-Off</messlv13>	
106.02.12:07:201			<pre><warning>[IfcMain.InitIfcObjects/1] -Description: - True ConfigMode enabled!</warning></pre>
(06.02.12:07:20)			<messlv12> [IfcMain.StartIfcObjects/1] - False</messlv12>

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.

nfig structure	Attributes		Selected attribute
FFC9 	Name	Value	Name
. MAIN			Current value
			New value
			Undo
			Description
			Туре

8. Click Apply to confirm current settings.

File - Options -			
onfig structure	Attributes		Selected attribute
⊒- <mark>IFC9</mark> È-IFC1	Name	Value	Name
i∰⊷ PMS1 i∰∞ MAIN		Current value	
			New value
			Undo
			Description
			Path
			Туре

- 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.

tart/Stop +	Optio	ons - About				Config Mod
4 fc1 📈		Configuration	Alt+C	<	DbAction - MessLvl3 + Style: Debug 1	MonitorRefresh 🗹 Bottom IHV_Log.XML
TimeSt	¥	Disable config mode	Alt+G		Pasl	Main-V8.14
		Create certificate	Alt+T	AL	SERV[3] -	IfcControl ↔ TCP=5103.LOCAL
		Simulation	Alt+U	orr	DBS=GlobaDbsConnect.0/roCommPort=SS03 Link:End Comm:Off	
		Database swap	Alt+W		Willich Wekeln"	
106.02.12	~	Show monitoring	Alt+E		<messlv13> [CommMain.ChangeState/14] Disbl-Off</messlv13>	
<u>[06.02.12</u> ;	10:5	21				<pre><warning> [IfcMain.InitIfcObjects/14] -Description: - True ConfigMode enabled!</warning></pre>
106.02.12:	10:5	21				<messlvl2> [IfcMain.StartIfcObjects/14] - False</messlvl2>
106.02.12:	11:0	141				<pre><messlv13> [IfcMain.moStateTimer_Elapsed/14] Garbage collection done (memory usage 125-124MB)</messlv13></pre>
106.02.12:	12:0	271				<pre>cMessLvl3> [IfcMain.moStateTimer_Elapsed/13] Garbage collection done (memory vacae_124.124Mb)</pre>

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

		SACtion - MessLVI3 + US Style: Debug	MonitorRefresh Bottom IHV_Log_XML
TimeStamp	Ifc1 HV + TCP-5003LOCAL Link:End Comm:Asyn	Pms1 SERV[3] ++ DBS+GlobaObsConnect@FocommPort-5503 Link:Start TComm:Sync	Main-V9.14. HcControl ↔ TCP=5103LOCAL
[06.02.12:15:15]		<pre>c=[0 1] <linkstart <br="" date="210602">Time="121514" /></linkstart></pre>	
(06.02.12:15:15)		<pre><messlvl3> [IfcObject.ChangeLinkState/28] CommOn-Start</messlvl3></pre>	
[06.02.12:15:15]			<pre><messlvl3> [IfcMain.IfcObject_ChangeLinkState/ 28] set LinkAllow=CommOn done for all ifc objects</messlvl3></pre>
[06.02.12:15:15]	<messlv13> [CommMain.ChangeState/29] Off-Asyn</messlv13>		
(06.02.12:15:15)			<messlvl2> [IfcMain.StartIfcObjects/9] - True</messlvl2>
[06.02.12:15:26]			<pre><messlvl3> [IfcMain.moStateTimer_Elapsed/26] Garbage collection done (memory usage 156-155MB)</messlvl3></pre>



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:

8 Authentication b	by Win or Suite8 user
User Name:	Win User
Win Domain:	
Password:	•••••
	Login

Login Win user with the domain name:

8 Authentication b	oy Win or Suite8 user
User Name:	Win User
Win Domain:	Win Domain
Password:	•••••
	Login
	Login

NOTE:

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

Login with Suite8 user:

🚯 Authentication by Win or Suite8 user					
User Name:	Suite8 User name				
Win Domain:					
Password:	•••••				
	Login				

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.

nt/Stop • Options • About	s700/8700/9700 POS (Enhanced)				Cor	fig Mod
llc1 🗹 Pms1 🖉 Main	← 🗹 ⇒> 🗹 <= 🗌 DbAction	- MessLvl3 + Style: Debu	g 🗹 MonitorRefresh 🖂 <u>Bot</u>	tom M87PC	OS_Log XML	
TimeStamp W87PC	Ifol S = TCP-5001LOCAL SE CEDIC Comminist FCL/PROF/Incoutwe wn" - Attribute not found	Pms1 RV[1] == DBS=GlobaDbsConnect(Link:End Comm:)/FoCommPort=5501 <mark>OEE</mark>	Main-V8.14. HcControl ++ TCP+	5101 LOCAL	
ConfigXml Setup for M87P	OS - Micros 3700/8700/9700 POS (Enh	nanced)		-		<
Config structure	Attributes	Value	Selected attribute			
15.02 IFC1 SmAthDef SmAthDef SmAthDef SmAthDef Imapped Marpos PROT COMM PMS1 MAIN 26.02 26.02	Smilation Smilation KillpackEmptyAtr InLineSchema LineSchema LA_TimeOut ParseCharSet CharPlaceHolder_Def	Y N GetPanseConfig 3000 1252 46 46	Verifie Current value Current value New value Description Path Path Type Main, Initialize		· · · · · · · · · · · · · · · · · · ·	
6.02			Cancel	Apply Save	Ok	e

• 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

Save As							
·	1 King King King King King King King King	> lfc8.Ne	et > IfcApplication > Tmp	~ (b $^{ m o}$	Search Tmp	
Organize 🔻	 New folder 						(
	IfcApplication	^	Name	Date	modified	Туре	Si
	📑 Tmp		FIAS_Log.XML	02.06	2021 10:44	XML Document	
	lfcBusi		🔮 lfcLog.xml	02.06	2021 10:41	XML Document	
	IfcControl		M87POS_Log.XML	02.06	2021 10:55	XML Document	
	IfcLogBrowser		🖭 Tmp3000.Xml	02.06	2021 10:55	XML Document	
	IfcService						
	1.42						
		~	<				
Fi	ile name: Tmp3000_21	0602_110	335.xml				
Save	e as type: Xml files (*.)	:ml)					
Hide Fol	ders					Save Canc	el

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.

ave As						
→ * ↑	nis PC → System (C:) → FIDELIO	> Ifc8.Net > IfcApplication > Tmp		✓ Ö Searc	h Tmp	Ş
anize 🔻 New fold	er				B	≣ • (
ARCHIVE ^	Name	Date modified	Туре	Size		
certificates	🔮 lfcLog.xml	12.08.2019 13:03	XML Document	1 KB		
Drivers	IHV_Log.XML	12.08.2019 13:05	XML Document	1 KB		
FIDELIO						
alt 🔤						
Hotel1						
HTML						
lfc						
IFC8						
Ifc8.Net						
FKT						
IfcApplica						
📙 Tmp						
-						
File name: C:\Fl	DELIO\lfc8.Net\lfcApplication\Tm	np\lfc8NetConfig.Xml				
Save as type: Xml f	ïles (*.xml)					
lide Folders					Save	Cancel

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:

e - Options -	_		
Create backup file	Attributes		Selected attribute
Cancel	Name	Value	Name
Apply	PrgCaption	KeyCard IFC	PrgCaption
Apply & Save	Regio_CurrSymbol		Current value
ОК	Regio_CurrSeparator		KeyCard IFC
	Regio_CumDigits		New value
	Regio_NumDigits		KeyCard IFC
	FidCOMPath ShutdownTimeout	C:\Fidelio\Programs 5	Undo
			Description
			Definition of Caption: "Program Name"["Vendor Product Name"] Use Ias separator, each string part with double- quotes, no blanks between separator and double- quote Default: ""IFC3""
			Path
			/IFC9/MAIN
			Туре
			Standard, Initialize

4. Click Save or Apply and Save.

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

File name:	IHV-VBlfc8Config_200818_161944.xml
ave as type:	Xml files (*.xml)

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

Create backup file	Attributes		Selected attribute
Cancel Apply Save OK	Name	Value	Name Current value New value Undo Description Path

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:

Cancel	Apply	Apply & Save	Ok
Discard ch	anges and c	lose configuration (editor

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:

Cancel	Apply	Apply & Save	Ok			
Apply changes						

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:

Cancel	Apply	Apply & Save	Ok	
		Apply changes	and save in o	urrent configuration file

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:

	Ok		
_	Apply cha	iges and close configuration edito	r (



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:

					2
👔 Create Shortc	ıt				
What item we	ould you like to cre	ate a shortcut fo	or?		
This wizard helps Internet addresse	you to create shortcuts t 	o local or network pr	ograms, files, folc	ers, computers, c	r
Type the location	of the item:				
C:\FIDELIO\Ifc8.	Vet\lfcApplication\lfcAp	plication.exe c:\fidel	io\lfc8.Net\lfc/	Browse	
Click Next to con	inue.				



		×
÷	2 Create Shortcut	
	What item would you like to create a shortcut for?	
	This wizard helps you to create shortcuts to local or network programs, files, folders, computers, or Internet addresses.	
	Type the location of the item:	
	cApplication.exe c:\fidelio\lfc8.Net\lfcApplication\lHV\lHV-lfc8Config.xml Browse	
	Click Next to continue.	
	Next Can	el

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

P Create Shortcut	
What would you like to name the shortcut?	
Type a name for this shortcut:	
Start IFC8 IHV	
Click Finish to create the 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:

Config structure	Attributes		Selected attribute	
E-IFC9 (a) IFC1 (b) PMS1 (c) MAIN	Name	Value	Name Current value Undo Description Path Type	~

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 r	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
СОММ	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
СОММ	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
СОММ	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

Config structure	Attributes	
⊡- IFC9	Name	Value
PRN	ObjCaption	lfc1
	Required	Y
	GetPathId	Pathld
	PathIdX	PMS1
SimAttrDef	RefNum	21
	Pathld1	PMS1
	SetPathId1	1

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="lfc1") Default: lfc1 Will be displayed in the Monitoring Object header
Required	The "Required" property (only used for MultiConnectMode) \rightarrow 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 \rightarrow 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 \rightarrow 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

Config structure		
⊡. IFC9		
⊫- <mark>IFC1</mark>		
- PRN		
PARSE		
SimAttrDef		

IFC1 PRN Sub Node

Used for printing options of the IfcApplication

Node Attributes

Config structure	Attributes	
⊡- IFC9	Name	Value
PRN	PrinterName	\No Printer\
PARSE	FormatOptions	(112) NewPage+CenterPage
PROT	PageSize	0
	ControlChars	
SinAurbei ⊪-PMS1	PrinterName_PCName	\Standard Printer\

PRN Sub node Attributes	Value Description
PrinterName	The standard printer \rightarrow 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 \rightarrow 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></blank>
PrinterName_PCNAME	The Printer routing for WSNum="PCNAME" \rightarrow Copy/Rename this property to define additional routings Only items from the list are allowed Default: \No Printer\

Table 6 - Ifc1 PRN node attributes

IFC1 PARSE Sub Node

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

Node Attributes

Config structure	Attributes	
⊡- IFC9	Name	Value
PRN	E FktLogo	FIAS
DARSE	Simulation	Y
	XmlPack EmptyAttr	Y
	InLineSchema	N
SimAttrDef	GetParseConfig	GetParseConfig
	LA_TimeOut	3000
	ParseCharSet	850
	CharPlaceHolder_Def	
		1

PARSE Sub node Attributes	Value Description
FktLogo	The parser class \rightarrow 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
XmlDecl	Enable/disable XmIDeclaration 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:

Table 7 – Ifc1 PARSE node attributes

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

Config structure	Attributes	
⊡- IFC9	Name	Value
	Layer2	N
	Check Sum	CKS_NONE
	RecMaxLength	64000
	RecBuffTimeOut	2000
SimAttrDef	ReplyTimeOut	3000
	Relnit_On_ExpEnq	×
	Timeout Thread Wait	2500
	Timeout Thread Sleep	20
	Timeout Thread Stop	200

Table 8 – Ifc1 PROT node attributes

PROT node Attributes	Value Description
Layer2	The protocol layer \rightarrow 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 \rightarrow 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 \rightarrow 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 \rightarrow "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</enquiry>
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

Config structure	Attributes	
⊡- IFC9	Name	Value
PRN	Layer1	TCP
	CheckState	Y
	Port	5001
È <mark>COMM</mark>	Param	LOCAL
I TCP	_	

Table 9 Ifc1- COMM node attributes

COMM node Attributes	Value Description
Layer1	The physical layer \rightarrow 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
CheckState	The CheckState property \rightarrow 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 "50015499") Default: 5001 Numeric only, Max value: 65535, Min value: 0 If Layer1 = COM: The RS232 port number → set to the used port number (typically "19") Default: 1 Numeric only, Max value: 65535, Min value: 0 If Layer1 = HTTP: [ServerUrl] [Optional_HttpUser] [Optional_HttpPassWord] Default: Http(s)://Url UserName PassWord
Param	If Layer1 = TCP / TCP_C: The remote IP-Address or ComputerName → NOT required when the WinSock runs in "Server Mode" Default: LOCAL If Layer1 = COM: The COM parameters → [BaudRate],[Parity],[DataBits],[StopBits] Default: 9600,N,8,1 If Layer1 = HTTP: The default HTTP Open method (default is "POST") Default: POST

COMM sub-node TCP / TCP_S

Configure connection IFC instance acting as TCP Server

Config structure	Attributes	
	Name Send TimeOut TCP_PollEvents ServerCertInfo ServerCertPwd ClientCertInfo	Value 0 -1 lfc8.Net-Cert(11MSCFIAS).pfx lfc8.Net-Cert(11MSCFIAS).crt
Config structure	Attributes	

ooning or docaro	7 2010-0000	
E-IFC9	Name	Value
⊡ IFC1	SendTimeOut	0
	TCP_PollEvents	-1
	ServerCertInfo	lfc8.Net-Cert(11MSCFIAS).pfx
COMM	ServerCertPwd	
TCP_S	ClientCertInfo	lfc8.Net-Cert(11MSCFIAS).crt
Sim AttrDef		

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 *.crt, *.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.

Config structure	Attributes	
IFC9 IFC1 PRN PARSE PROT COMM Comm	Name OM_BufferMode COM_PollEvents	Value N O
Config structure	Attributes	
IFC9 IFC1 PRN PARSE PROT COMM COMEx	Name COM_BufferMode COM_PollEvents	Value N O

Table 11 COM / COMEx node attributes

COM / COMEx node attributes	Value Description
COM_BufferMode	The PollEvents parameter \rightarrow 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	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.

Config structure	Attributes	
⊡- IFC9	Name	Value
	SendTimeOut	0
	Connect TimeOut	0
	TCP_PollEvents	-1
COMM	ServerCertInfo	lfc8.Net-Cert(11MSCFIAS).crt
TCP_C	ClientCertInfo	lfc8.Net-Cert(11MSCFIAS).pfx
SimAttrDer PMS1	ClientCertPwd	



Table 12 TCP	_C node	attributes
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TCP_C node attributes	Value Description
SendTimeOut	The PollEvents parameter \rightarrow 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

Config structure	Attributes	
⊡ IFC9	Name	Value
PRN	PollReceiveData	1000
∎ PARSE	RequestHeader	"Content-Type","text/xml" "Charset","
	RequestHeader_Conn	"Action-Type","ConnetRequest" "Dest
COMM	RequestHeader_Poll	"Action-Type","ReceiveDataRequest"
	Http Secure Prot	Tis12
m. SIMAttrDer	HttpsCertErrIgnore	N
	HttpsClientCert	
_	Resolve Timeout	-1
	Connect Timeout	3000
	Send Timeout	7000
	Receive Timeout	10000
	1	

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 IfcWeb interface)
RequestHeader_Conn	Define additional RequestHeader definitions for "ConnectRequest" mode in format [HeaderName],[HeaderValue] (e.g. "Action- Type","ConnetRequest" "DestAddr","[SohId]" "IfcAuthKey"," <ifcauthkey>" for IfcWeb interface)</ifcauthkey>
RequestHeader_Poll	Define additional RequestHeader definitions for "PollReceiveData" mode in format [HeaderName],[HeaderValue] (e.g. "Action- Type","ReceiveDataRequest" "DestAddr","[SohId]" for IfcWeb interface)
HttpSecureProt	Define secure protocol type for http client: TIs12(default) - recommended ; available: TIs11 or TIs 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

Config structure	Attributes	
⊡-IFC9	Name	Value
⊞IFCI 	ObjCaption	Pms1
	Required	Y
	RouteBy	WSNum
	WSNumX	IFC1
	RefNum	20

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) \rightarrow 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 \rightarrow 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

Config structure
⊡ IFC9
i iFC1
··· PRN
• PARSE
i COMM
SimAttrDef

PMS1 PRN Sub Node

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

Node Attributes

Config structure	Attributes	
	Name	Value
B. PMS1	PrinterName	\No Printer\
PRN	FormatOptions	(112) NewPage+CenterPage
	PageSize	0
	ControlChars	
SimAttrDef	PrinterName_PCName	\Standard Printer\

Table 15 - Pms1 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

PRN Sub node Attributes	Value Description
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></blank>
PrinterName_ <i>PCNAME</i>	The Printer routing for WSNum="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:

Config structure	Attributes	
⊡- IFC9	Name	Value
B. PMS1	I FktLogo	SERV
PRN	Simulation	Y
	XmlPack EmptyAttr	Y
	InLineSchema	N
SimAttrDef	ParseCharSet	65001

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 IfcBusi.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 XmIDeclaration 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 XmISchemaDef-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

Config structure	Attributes	
⊡- IFC9	Name	Value
B. PMS1	Layer2	LLC_SIM
- PRN	Check Sum	N
₽ARSE	RecMaxLength	64000
PROT	RecBuffTimeOut	500
	Relnit_On_ExpEng	x
····· SimAttrDer	ReplyTimeOut	3000
	Timeout Thread Wait	2500
	Timeout Thread Sleep	20
	Timeout Thread Stop	200

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 \rightarrow 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 \rightarrow "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</enquiry>	
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	

Table 17 - Pms1 PROT node attributes

PMS1 COMM Sub Node

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

Node Attributes

Config structure	Attributes	
⊡-IFC9	Name	Value
B. PMS1	Layer1	DBS
PRN	CheckState	Y
	Port 🔮	GlobalDbsConnect
<u>∎</u> <u>PROT</u>	Param	0

Table 18 - Pms1 COMM node attributes

COMM node Attributes	Value Description
Layer1	The physical layer \rightarrow 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 \rightarrow 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 "50015499") Default: 5001 Numeric only, Max value: 65535, Min value: 0 If Layer1 = COM: The RS232 port number → set to the used port number (typically "19") Default: 1 Numeric only, Max value: 65535, Min value: 0
	If Layer1 = HTTP: path format: [ServerUrl] [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	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
	If Layer1 = COM: The COM parameters → [BaudRate],[Parity],[DataBits],[StopBits] Default: 9600,N,8,1
	If Layer1 = HTTP: The default HTTP Open method (default is "POST") Default: POST
	If Layer1 = DBS: The available GlobalDbsConnect (value must match the MAIN / GlobalDbsConnectX node) Default = 0

COMM sub-node DBS

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

Config structure	Attributes	
⊟ IFC9	Name	Value
IFC1 PMS1	DbsDebugMode	Y
PRN	PmsUserPwd	
	PoCommPort	5191
	FoCommTcpDns	N
⊡COMM DBS	SslConfig	Open SslConfig

DBS node Attributes	Value Description
DbsDebugMode	Enable the Fidelio*.Dll LogFiles \rightarrow 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 IfcBusi communication See documentation for IfcBusi.Net for details

Config structure	Attributes	
IFC9 IFC1 PMS1 PRN PARSE PROT	Name SendTimeOut ConnectTimeOut TCP_PollEvents ServerCertInfo	Value 0 0 -1

COMM sub-node TCP / TCP_C

Config structure	Attributes	
⊡· IFC9	Name	Value
⊡ IFC1	Send TimeOut	0
- PRN	Connect TimeOut	0
	TCP_PollEvents	-1
	ServerCertInfo	\MSC\lfc8.Net-Cert(11MSCFIAS
	ServerCertPwd	
SimAttrDef	ClientCertInfo	\MSC\lfc8.Net-Cert(11MSCFIAS
	ClientCertPwd	
1	1	1

Config structure	Attributes	
⊡· IFC9	Name	Value
IFC1 ■- PMS1	SendTimeOut	0
PRN	Connect TimeOut	0
	TCP_PollEvents	-1
	ServerCertInfo	\MSC\lfc8.Net-Cert(11MSCFIAS
COMM	ClientCertInfo	\MSC\lfc8.Net-Cert(11MSCFIAS
····· SimAttrDef	ClientCertPwd	

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

Config structure	Attributes	
- IFC9 - IFC1 - PMS1 - PRN - PARSE - PROT - COMM - COMM - COM	Name COM_BufferMode COM_PollEvents	Value N O
Config structure	Attributes Name COM_BufferMode COM_PollEvents	Value N O

Table 20 COM / COMEx node attributes

COM / COMEx node attributes	Value Description
COM_BufferMode	The BufferMode parameter \rightarrow 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 \rightarrow 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

Config structure	Attributes	
⊡.·IFC9	Name	Value
	SendTimeOut	0
PRN	TCP_PollEvents	-1
	ServerCertInfo	\MSC\lfc8.Net-Cert(11MSCFIAS
	ServerCertPwd	
COMM □ TCP_S	ClientCertInfo	\MSC\lfc8.Net-Cert(11MSCFIAS

Table 21 TCP_S node attributes

TCP_C node attributes	Value Description
SendTimeOut	The PollEvents parameter \rightarrow 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 \rightarrow 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

Attributes	
Name	Value
😂 DbsConfig	ICFG(0)
횥 User	V8Live
횥 Alias	V8
횥 Pwd	FidCryptPB AQAAANCMnd8BF
OdbcDriverName	Oracle in CLIENT
VpdHotelld	
_	

GlobalDbsConnect0 Sub node Attributes	Value Description
DbsConfig	The global "BusinessLogic" database setup Only items from the list are allowed Default: ICFG(0)
User	Suite8 Database user name Default: <type here="" password="" your=""></type>
Alias	Suite8 Database alias name Default: <type here="" password="" your=""></type>
Pwd	Suite8 Database user password Default: <type here="" password="" your=""> Password will be encrypted after entering and applying settings and is not visible anymore.</type>
OdbcDriverName	Force the ODBC driver name for ORACLE database connection, set this to [Empty] if Ifc8 should select the driver automatically
VpdHotelld	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	Schema attributes based on a parser for all supported actions	
By default, no attributes are defined	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 IfcControl module.

Node Attributes:

Attributes		
Name	Value	
CtrlCommPort	5000	
CtrlCommTcpDns	N	

COMM Sub node Attributes	Value Description
CtrlCommPort	TCP port used for IfcControl communication Default: 5000
CtrlCommTcpDns	TCP DNS usage of IfcControl 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:

Attributes	
Name	Value
LogFileType	XML
MonDetail	8191
LogLength	2000000
LogFileName	.\ <ifc1_fktlogo>_Log.XML</ifc1_fktlogo>

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	The Monitor & LogFile details → set this to: "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 Default: AnonymLvl2	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).
LogLength	The LogFile length → set this to the desired size Default: 5000000 Numeric only, Min value: 1000000	will create two logs with ½ size of LogLength value each
LogFileName	Name of the log file without path and suffix Default: <lfc1_fktlogo>_Log.XML (e.g. FIAS_Log.xml)</lfc1_fktlogo>	From LOV

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.

Config structure		Attributes		
E-IFC9		Name	Value	
PMS	Delete node	ObjCaption	lfc1	
	Duplicate node	Required	Y	
		GetPathId	PathId	
		PathidX	PMS1	
		Ref Num	21	
			PMST	
	CONTRACTOR OF A	-	FIAC	
ConfigXml Se	tup for FIAS - Oracle	Property Interface based o	n rias	
ConfigXmISe Config structure ⊒∘IFC9	tup for FIAS - Oracle	Attributes	Value	
ConfigXmI Se Config structure IFC9	tup for FIAS - Oracle	Attributes Name ObiCaption	Value Ifc1	
Config structure	tup for FIAS - Oracle	Attributes Name ObjCaption Required	Value Ifc1 Y	
Config structure IFC9 FC1 PMS1 MAIN S. IFC2	tup for FIAS - Oracle	Attributes Name ObjCaption Required GetPathId	Value Ifc1 Y Pathld	
Config structure - IFC9 - IFC9 - PMS1 - MAIN - IFC2	tup for FIAS - Oracle	Attributes Name ObjCaption Required GetPathId PathIdX	Value Ifc1 Y Pathld PMS1	
Config Xml Se Config structure FC9 FC9 FC1 FC1 FC1 FC1 FC1 FC2	tup for FIAS - Oracle	Attributes Name ObjCaption Required GetPathId PathIdX RefNum	Value Ifc1 Y Pathld PMS1 21	

SetPathId1

1

3. Mark the new IFC2 node.



ile - Options -	_		
Create backup file	Attributes		Selected attribute
Cancel	Name	Value	Name
Apply	PrgCaption	KeyCard IFC	PrgCaption
Apply & Save	Regio_CurrSymbol		Current value
ОК	Regio_CurrSeparator		KeyCard IFC
	Regio_CurrDigits		
	Regio_NumSeparator		New value
	Regio_NumDigits	CARIERAR	KeyCard IFC
	ShutdownTimeout	C:\Fidelio\Programs	Undo
		5	Deserverting
			Description
			Deminion of Caption: "Program Name"["Vendor Product Name"] Use [as separator, each string part with double- quotes, no blanks between separator and double- quote Default: ""IFC8""
			Path
			/IFC9/MAIN
			Type
			Standard, Initialize

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.

TimeStamp Ifcl FAS = TCP-50 Link:End C	ISLOCAL FAS == TCP-SOISLOCAL SemIOFF KinktEnd Committeelsbl	Paus 1 SERV[11] DBS-GlobaDbsConnect 0 Link: End. Co	# FeCommPort=5191	Main HoControl = TCP=5000 LOCAL
10.05.111231491		CMeasLv13> [ParserMain.Init_Pr Parser_SERV - True	irser/14]	
10.05.11:23:491		MessLv13>[Protoco] Protocol SIM - True	Main.Init/14]	
10.05.11123:491	IfcApplication V8.14: Error -Code: App_Conflg_Duplicate_CommO -Source: IfcObject.DefCommObjectGlk -Description: Invalid value in ConflgX XmBdtx/IFCS/IFC2/COMM/Ports = S use by IfC1) -Action: Init unsuccessful "Retry" to set Commot manually "ignore" to continue with default Con-	ort_Exception hbal/14(fcApplication) ni 011 (Port is already in mPort	c/14] → done 14.6.0 4.6.0 4.6.0 V8.14.6.0 0 c/14] otel Bösel,	
	Abort R	etry Ignore	/14]	
10.05.11:23:491	<pre>coptions orptions [IfGD)set.DefCommCD)setGlobal/14] -Description: Invalid value in Config0al XulFacht= Soll (Port is already in use by IfC1) -Action: Init unsuccessful! "Recry" to set CommCort manually "Jance" to continue with default CommPort</pre>			



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

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

- 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.

lie • Options •			
onfig structure	Attributes		Selected attribute
IFC9	Name	Value	Name
• PMS1	Layer1	TCP	Port
	Check State	Y	Current value
⊡- IFC2	Port	5011	5011
PARSE	Param	LUCAL	Manualua
PROT			5011
SimAttrDef			Undo
			Description
			The TCP/IP port number → set to the used port number (typically "5001500198") Default: "5011"
			Numeric only, Max value: 65535, Min value: 0
			Path
			/IFC9/IFC2/COMM
			Type
			Standard, Initialize

- 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.

ConfigXml Setup for FIAS - (Oracle Property Interface based o	on FIAS	- 🗆 X
File - Options - Config structure - IFC9 - IFC1 - IFC1 - PRN	Attributes Name Required	Value Y	Selected attribute Name RouteBy
⊕ PARSE ⊕ PROT ⊕ COMM ← SimAtrDef ⊖ PRN ⊕ PRN ⊕ PARSE	WSNumX RefNum RouteBy ObjCaption	IFC1 20 WSNum Pms1	Current value WSNum New value WSNum
OPERA OPERA			Undo Description Select the routing attribute Only items from list are allowed Default: "WSNum" Path
⊕-COMM SimAttrDef			/IFC9/PMS1 Type Standard, Initialize Cancel Apply Save Ok

- 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:

File • Options •				
onfig structure	Attributes			Selected attribute
IFC9	Name	Value		Name
⊞-IFCI ⊟-PMS1	Required	Y		RouteBy
PRN	WSNumX	IFC1		Current value
PARSE PROT	RefNum	20		WSNum
	ObiCantion	Pms1	Add new attribute	. value
SimAttrDef			Copy attribute	Num
⊞- MAIN			Rename attribute	
			Delete attribute(s)	ndo
		-		Description
				Select the routing attribute Only items from list are allowed Default : "WSNum"
				Path
				/IFC9/PMS1
				Туре
				Standard, Initialize

5. Select Copy attribute.

A new form Add new attribute opens.

Please enter attribute nam	10:
WSNumX	
Please enter attribute valu	le.
Please enter attribute valu	ie:
Please enter attribute valu IFC1	ie:
Please enter attribute valu	le:
Please enter attribute valu	

– 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:



Please enter attribute nam	e:
WSNumPCNAME1	
Please enter attribute value	e:
IFC1	
	11
Capcol	OK

6. Click **OK** to confirm.

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

	740100003		Selected attribute
FFC9 FFC1	Name ObjCaption Required	Value Pms1 Y	Name WSNumPCNAME1 Current value
PRN PARSE	WSNumX RefNum	IFC1 20	IFC1 New value

7. Click Apply or Apply & Save.

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

ile - Options -			
onfig structure	Attributes		Selected attribute
B-IFC9	Name	Value	Name
m. PMS1	Required	Y	WSNumPCNAME1
PRN	WSNumX	IFC1	Current value
PARSE	RefNum	20	IFC1
■ PROT	RouteBy	WSNum	
COMM	ObjCaption	Pms1	New value
SimAtrDer	WSNumPCNAME1	IFC1	IFC1
			Description The "WSNkmPCNAME1" routing property → set this to the corresponding ObjectName Only terms from Ist are allowed Default: "FC1"
			Path
			/IFC9/PMS1
			Туре
			Specific

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

Config structure	Attributes		
E-IFC9	Name	Value	
	DbjCaption	Pms1	
	Required	Y	
	RouteBy	WSNum	
	WSNumX	IFC1	
	Ref Num	20	
	WSNumPCNAME1	IFC1	
⊕ IFC2	WSNumPCNAME2	IFC2	

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**.

rile • Options •			
onfig structure	Attributes		Selected attribute
IFC9 IFC1	Name Required	Value Y	Name Required
⊕ MAIN	GetPathId PathIdX	Pathld PMS1	Current value
Delete node	de e Pathid 1	20 PMS1	New value
COMM SimAttrDef	SetPathId1	1 lfc2	Y Undo
			Description The "Required" property (only used for MultiConnectMode) → set this to "Y" if the Link Aive is required for this object Only items from list are allowed Default: "Y"
			Path //FC9//FC2
			Type Standard, Initialize

- 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.

File - Options -				
onfig structure ⊒ IFC9	Attributes	Value	Selected attribute Name	
ti÷ IFC1 PMS1 MAIN	PrgCaption Regio_CurrSymbol Regio_CurrSepara Regio_CurrDigits Regio_NurrSepara	BEGCY_VCT tor	Current value	
	Regio_NumDigits	5	Undo Description	~
			Path	,
			Type Standard, Initialize	


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.

onfig structure		Attributes		
IFC9		Name	Value	
E PMS1		DbjCaption	Pms1	
HAIN	Delete node	equired	Y	
	Duplicate node	puteBy	WSNum	
		WSNumX	IFC1	
		RefNum	20	
		WSNumPCNAME1	IFC1	
		WSNumPCNAME2	IFC2	

🔀 ConfigXml Setup for FIAS - Oracle Property Interface based on FIAS

Config structure	Attributes		
E-IFC9	Name	Value	
EI- PMS1	ObjCaption	Pms1	
· MAIN	Required	Y	
	RouteBy	WSNum	
	WSNumX	IFC1	
	RefNum	20	
	WSNumPCNAME1	IFC1	
	WSNumPCNAME2	IFC2	

3. Mark the new PMS2 node.

Attributes Name Required WSNumX RefNum	Value Y IFC1 20	Selected attribute Name Current value
RouteBy ObjCaption WSNumPCNAME1 WSNumPCNAME2	WSNum Pms2 IFC1 IFC1	New value
		Path
	Attributes Name Required RefNum RefNum ObjCaption WSNumPCNAME1 WSNumPCNAME2	Attributes Name Value Required Y WSNumX IFC1 RefNum 20 RofNum 20 RofLep WSNum ODCaption Pms2 WSNumPCNAME1 IFC1 WSNumPCNAME2 IFC1

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

S Ic1 S Pes1 Pes2 Main	← Ø ⇒ Ø <= DbActio	n - MessLvl3 +	Style: Debug	MonitorRefre	ih 🗹 <u>Battom</u>	FIAS_Log XML	
TimeStamp Ifcl FAS = TCP-50 Link:End Co	110CAL St m:Off D85-GkbaDbaC Link: Fideliofcac Fideliofcac	Pms1 ERV[11] == annectDFeCommPort-515 End Comm:OEE tion V8.14.6.0 ase V8.14.6.0	1 DBS-Glo	Past SERV[11] aDbsConnectOf .nk:End	a foCommPort-5191 n:Disbl	Main IfcControl ↔ TCP=5000 LOCAL	
	FidelioPosti FidelioGloba FidelioMisc	ngs V8.14.6.0 1Status V8.14.6.0 V8.14.6.0					
110.05.14:59:451	IfcApplication V8.14.	Error			4		
T10.05.141591451	-Code: App -Source if XmPatr. < is already -Action: in Retry: to 1gnore to	p_Config_Duplicate_Com cObject.DefCommObject on: Invalid value in Confi //FC9/PM52/COMMADB5/ in use by Pms1) it unsuccessful set CommPort manually o continue with default C	mPort_Except Global/14()fc/ gXml FoCommPort CommPort	ion pplication) •= 5191 (Port	ConfigSubBlo config mPCNAME2*		
		Abort	Retry	Ignore	NoProcess		
[10.05.14159149]			Copp co ception [If cObj] -Descri ConfigX XmlPath mmPort> in use -Action "Retry" "Ignore	nto_bupiled ret.DefCommCR ption: Inval: nl = S191 (Fort by Pms1) : Init unsuc to set Commi " to continu	re_CommPort_Ex vjectGlobal/14 id value in vCOMM/DBS/FoCo is already port manually e with		



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

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

- 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.

File - Options -			
Config structure	Attributes		Selected attribute
B-IFC1 B-PMS1 B-MAIN B-PMS2 PRSE B-PRN B-PRNE B-PRNT	Name	Value TCP_C Y 5502 LOCAL	Name Port Currert value 5501 New value 5502 Undo Description The TCP/IP port number → set to the used port number typica% "5001500198") Defail: "8843" Numeric only, Max value: 65535, Min value: 0 Path /IFC9/PMS2/COMM Type Standard, Initialize

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.

Config structure	Attributes		
	Name DbsConfig User Nalias Delete node	Value ICFG(0) DB User1 DB Alias	
COMM MON	Duplicate node		

Additional sub-node GlobalDbsConnect1 will be added.

Config structure	Attributes		
	Name DbsConfig User Alias Pwd OdbcDriverName VpdHotelld	Value ICFG(0) DB User1 DB Alias	

3. Click Apply or Apply & Save.

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

File + Options +				
Config structure	Attributes		Selected attribute	
IFC9	Name Pequired VSNumX RefNum RouteBy VSNumPCNAME1 VSNumPCNAME1 VSNumPCNAME2	Value Y IFC1 20 WSNum Pms2 IFC1 IFC1	Name Current value Undo Undo Description Path Type Standard, Initialize	

- 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.

Config structure	Attributes	
IFC9 IFC1 IFC1 GlobalDbsConnect0 SimAtrDef GlobalDbsConnect1 IFC FMS2 FRN	Name Layer1 CheckState Port Param	Value DBS Y GiobalDbsConnect 1

Add Additional PMS Node for OPERA IFC

Configure the first PMS node as needed.

- 1. Right-click PMS1 main node.
 - ConfigXml Setup for FIAS 11966 Oracle Property Interface based on FIAS Config structure Attributes ⊡-IFC9 Name Value Required Y WSNum buteBy Delete node . MAIN SNumX IFC1 Duplicate node efNum 20 Pms1-Hotel1
- 2. Select **Duplicate node** from the context menu.



Config structure	Attributes		
IFC9	Name	Value	
E-IFC1	Required	Y	
	RouteBy	WSNum	
i⊞ • MAIN I III • PMS2	WSNumX	IFC1	
	Ref Num	20	
	ObjCaption	Pms1- Hotel1	

3. Mark the new PMS2 node

The options -			
Config structure	Attributes		Selected attribute
E-IFC9 ⊕-IFC1 ⊕-MAIN ⊕-MAIN ⊕-PRN ⊕-PARSE ⊕-PROT ⊕-COMM →-SimAtrDef	Name Pacyaired Name RefNum RoteBy ObjCaption WSNumPCNAME1 WSNumPCNAME2	Value Y IFC1 IFC1 IFC1	Name Required Current value N New value Y Undo Description The "Required" property (only used for MultiConnect Mode) → set this to """ f the LinkAlive is required for this object Only term from list are allowed Default: "Y" Path //IFC9/PIMS2 Type Standard, Initialize

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:

[IFC8 V8.14.] -	FIAS 11966 - Oracle Property Interface	based on FIAS			- 0	×
Start/Stop - Options	· About					
Ifc1 Pms1	Pms2☑ Main	> 🗹 <= 🗌 DbAction - MessLvi3	+ Style: Debug 🗹 MonitorRefresh	Bottom	FIAS_BMS_L	og XML
TimeStamp	Ifcl - FIAS 11966 FIAS_BMS == TCP=5011LOCAL Link:End Comm:Asyn	Pms1- Hotel1 OPERA = TCP=5001LOCAL Link:Start CommiSync	Pms1- Hotel1 OPERA == TCP=5001LOCAL Link:Start Comm1Sync	Ma: IfcControl ⇔ TCI	Ln P=5101.LOCAL	^
			Date="201006" Time="152734" />			
<u>110.06.15:27:341</u>			<pre><messlv13> [IfcObject.ChangeLinkState/29] CommOn-Start</messlv13></pre>			
110.06.15:27:341				<messlv13> [IfcMain.Change set LinkAllow=C for all ifc obj</messlv13>	LinkState/ ommOn done ects	29]
110.06.15:27:341	<messlv13> [CommMain.ChangeState/30] Off-Asyn</messlv13>					
110.06.15:27:451				<messlvl3> [IfcMain.moStat /21] Garbage co (memory usage 1</messlvl3>	eTimer_Elap llection d 19→119MB)	paed
110.06.15:28:461				<messlv13> [IfcMain.moStat /18] Garbage co (memory usage 1</messlv13>	eTimer_Elap llection d 20-120MB)	psed
110.06.15:29:471				<messlv13> [IfcMain.moStat /20] Garbage co (memory usage 1</messlv13>	eTimer_Elap llection d 20→120MB)	one 🗸
Log: C:\FIDELIO\Ifc8	.Net\FKT\OPERAV5\MSC\FIAS_BMS_Lo	g.XML Cfg: C:\FIDELIO\Ifc8.Net\FK	T\OPERAV5\MSC\FIASMSC11OPERA.Xml	60	kt 2020 15:	30.24

8 The PMS OPERA Parser Node Settings

Config structure	Attributes		Selected attribute
E IFC3 ⊕ FPC1 ⊕ PMS1 ⊕ PMS2 ↓ PRN ⊕ PASE ⊕ PROT ⊕ COMM ↓ SimAtrDef	Name RtLogo Smulation XmIPackEmptyAtr LineSchema ParseCharSet	Value OPERA Y N 65001	Name R4Logo Current value OPERA New value SERV-Oracle Suite PMS FIA5 - Oracle Property Interface based on FIAS OPERA - OPERA FMS SIM - Internal IFC Simulation SIM - Internal IFC Simulation SIM - Internal IFC Simulation XML - Genetic Oracle Property XML Interface ONJ Sim Strom Bit are allowed Default : "FIAS" Path /IFC9/PMS2/PARSE Type Main, Initialize

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

Config structure	Attributes		Selected attribute
IFC9 IFC1 PRN PASE PART PROT COMM SimAttDef PRN PRN PRN PRN PRN PRN PRN PRN SimAttDef COMM SimAttDef COMM MON	Name FoNum FoNum Colecseparator Cobecseparator Cobecseparator Cobecseparator Cobecseparator MaxTrack2Length Frable_UTF8 XmIDecl MaximumGuestsNum_Default SingleThread	Value 3333 -1 Y N 3 N	Name fcNum Current value 3333 New value 3333 Indo Description The "fcNum" property → set this to the related OPERA interface ID Default: "" Vumeric only Path //IFC9/PMS1/PARSE/OPERA Type Standard, Initialize

MON Sub node Attributes	Value Description	Notes
lfcNum	The "IfcNum" property \rightarrow set this to the related OPERA interface ID Default: "1" Numeric only	Correspond to Row ID in Opera
lfcAuthKey	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: $-1 \rightarrow$ 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 \rightarrow 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

ConfigXml Setup for < unknown>	•		- 🗆 X
File - Options -			
Config structure PrC3	Attributes Name IfcNum MaximumGuestsNum_Default	Value 1 3	Selected attribute Name Current value Undo Description Path
			Specific, Initialize Cancel Apply Save Ok

MON Sub node Attributes	Value Description	Notes
lfcNum	The "lfcNum" property \rightarrow 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	

