



**Purpose: To enable and utilize the XML PMS Redirector feature with Micros OPERA (FIAS).**

**Additional Documentation that can be obtained from Support:**  
**Nomadix Record list.pdf – Lists all Commands supported by Nomadix.**  
**Field ID and Codes.pdf – Lists the definition of the fields in the Record**  
**Nomadix XML DTD – Includes the format for all XML Commands supported by the Nomadix Gateway.**

The XML PMS Redirector is designed to allow the Portal to have access and full control of the interaction with the PMS server. It allows the portal to gather all information on the guest that the PMS server is able to give.

### Step 1: Enable XML PMS Redirector

A. In the Web UI go to Configuration -> PMS

**Property Management System Settings**

PMS services disabled  **Configure**

PMS Redirector  **Configure**

Type of PMS:	Pre-paid	Post-paid
ASCII Serial Printer	<input type="radio"/>	<input type="radio"/>
Holidex (AutoClerk)	<input type="radio"/>	<input type="radio"/>
HOBIC - OSPS	<input type="radio"/>	<input type="radio"/>
HOBIC - TSPTS	<input type="radio"/>	<input type="radio"/>
HOBIC - 1BT2	<input type="radio"/>	<input type="radio"/>
HOBIC - TEST	<input type="radio"/>	<input type="radio"/>
HOBIC - RSI	<input type="radio"/>	<input type="radio"/>
Type of Access L		
No decimal in amount	<input type="checkbox"/>	<input type="checkbox"/>
Galaxy (Post Only)	<input type="radio"/>	<input type="radio"/>
Marriott	<input type="radio"/>	<input type="radio"/>
WFB (Post Only)	<input type="radio"/>	<input type="radio"/>
WFB (Query & Post)	<input type="radio"/>	<input type="radio"/>
WFB (Name & Room)	<input type="radio"/>	<input type="radio"/>
WFB Revenue Code	<input type="text" value="1"/>	<input type="text"/>
FOSSE (Name & Room)	<input type="radio"/>	<input type="radio"/>
FOSSE Revenue Code	<input type="text" value="2"/>	<input type="text"/>
NH	<input type="radio"/>	<input type="radio"/>

**Micros Fidelio (Query & Post)**  **Pre-paid**  **Post-paid**

**Micros Fidelio (Post Only)**  **Pre-paid**  **Post-paid**

**Micros Fidelio (Query & Post with TCP/IP)**  **Pre-paid**  **Post-paid**

**Micros Fidelio (Post Only with TCP/IP)**  **Pre-paid**  **Post-paid**

Target IP Address

Target Port Number

FIAS 8.x Compliant

Disable Registration Number

Micros (1700/2000/3700/4700/8700 System Software Emulation)

Communications System Unit Number (1-64)

Communications System Name

Store/Revenue Center Number : Internet Access

Store/Revenue Center Number : Other

Match Last Name Only

Skip First Char In Last Name

OnQ Compliant

Long name matching

**For Post-paid PMS Type Only**

Idle Timeout (Minutes)

Idle Data Threshold (Bytes)

**Note regarding the use of Last Name Only and Skip First Char with Micros Systems**  
 Certain types of pms systems send selection records as lastname, padded with white space (ascii 0x20) on the right, followed by a comma along with first name initial and some flags. Normally, we compare every character of the name as typed by the user to the contents of the selection record. If this MATCH LAST NAME ONLY feature is enabled, we will only compare user input with the part of selection record which comes before the comma (i.e. assume that user only enters last name). If the SKIP FIRST CHAR IN LAST NAME feature is enabled, the space is reserved for other purpose than the first char of the last name, so we will skip the first space in the last name field for verifying name purpose.

**Note regarding the use of Wired For Business PMS Type**  
 Please delete the transact.dat and reboot if you are changing to Wired For Business.

Speed of PMS interface:

B. Select the Radio button next to PMS Redirector

C. Click on the Submit Button



## Step 2: Configure the XML Server and Portal Post URL and Port.

A. In the Web UI go to Configuration -> AAA

Language Selection  
AG 5800 ( Sales )  
Configuration  
AAA  
Access Control  
Auto Configuration  
Bandwidth Management  
Bill Record Mirroring  
Destination HTTP Redirection  
DHCP  
DNS  
Dynamic DNS  
Ethernet Ports/WAN  
Gre Tunneling

### Authentication Authorization and Accounting Settings

AAA Services	<input checked="" type="checkbox"/> Enable
Logout IP:	1.1.1.1
XML Interface	<input checked="" type="checkbox"/> Enable
XML SERVER 1 IP	10.1.0.2
XML SERVER 2 IP	0.0.0.0
XML SERVER 3 IP	0.0.0.0
XML SERVER 4 IP	0.0.0.0

B. Enable AAA Services by checking the box next to enable

C. Enable XML interface by checking the enable box

D. Enter the XML Server IP addresses for the Server that will be sending the Commands to the Nomadix device.

Portal XML Post URL	<input type="text" value="http://10.1.0.2/post.htm "/>
Portal XML Post Port	<input type="text" value="8080"/>

E. Configure the Portal XML Post URL to the server listening for the XML responses from the Nomadix gateway.

F. Configure the Portal XML Post Port to the Port the server is listening on.

NOTE: The Server configured here needs to respond to the Nomadix Response Messages with an http 200/OK message so that the Nomadix knows it was received and will not try to re-send the message.



**Step 3: Build the XML commands to utilize the Records that need to be sent to the PMS server.**

- A. The Record for the PMS system is entered into the DATA field of the XML command PMS\_PENDING\_TRANSACTION (As found in the XML DTD).
- B. The Record Required to do an Inquiry for a Guest Room would look like this:

```
<?xml version="1.0" encoding="UTF-8" ?>
<USG COMMAND="PMS_PENDING_TRANSACTION" VERSION="1.0">
  <P_TRANSACTION>
    <TRANSACTION_ID>111111</TRANSACTION_ID>
    <DATA>PR|PI712|DA130917|TI134424|P#0001|</DATA>
  </P_TRANSACTION>
</USG>
```

- C. A response that would be returned from the PMS server to the Portal would look like this:

```
<?xml version='1.0' encoding='UTF-8'?><USG
COMMAND="PMS_TRANSACTION_RESPONSE" VERSION="1.0">
  <NSE_ID>0280B4</NSE_ID>
  <SEQUENCE_NUMBER>4</SEQUENCE_NUMBER>
  <TRANSACTION_ID>21111</TRANSACTION_ID>
  <ID>8</ID>
  <ERROR_CODE>0</ERROR_CODE>
  <COMPLETION_CODE>1</COMPLETION_CODE>
  <DATA><![CDATA[PL|DA131002|TI113553|P#0999|RN611|G#21650|GNCook|BA0|C
L99000000000000|G+11960|GD131126|GFJeremy|GLEA|GTMr. &
Mrs.|GVPLATINUM|NPN|PMCA|]]></DATA>
</USG>
```

- D. The Portal would need to process and parse the information in the response to obtain the information required.

NOTE: The command process that is required for Posting a Charge to the PMS is as follows:

- PR inquiry from Portal/Nomadix to the PMS
- PL Response from PMS to the Portal/Nomadix
- PR Charge from Portal/Nomadix to PMS
- PA Post Accept from PMS to Portal/Nomadix