

KIWIRE EDX:PMS API DOCUMENTATION

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PMS API SPECIFICATION

INTRODUCTION

One of KIWIWIRE key technology feature is the ability to unify and integrate with 3rd party identity source and data, this include Microsoft Active directory, Industry leading Property Management System such as Oracle Micros opera , FCS , JDS , LDAP, Radius and 3rd party database server and via industry standard API interface via XML, SOAP and HTTP GET or POST.

Kiwire EDX:PMS has 2 interface for getting guest information and posting charges , which as bi-direct posting

1.1 GUEST INFORMATION INTERFACE

Kiwire will listen at a user configure TCP port (eg : 5000), front office system/3rd party will then connect to the system to post new guest check -in / checkout / room change information

Specification is as follow

:record_id|room_no|folio_no|status|guest_first_name|guest_last_name|occupancy|new_room_no|vip_code|; ↵

***Note : all posting of data must follow by \n or new line/carriage (↵) return which is same like enter command**

Where status

1	New guest check in
2	Guest check from this room
3	Room change by the gues from room_no to new_room_no
4	Information changes (eg: name change)

On successful receive of the guest info system will reply

A **record_id|pass** string for successful transaction and **record_id|fail** for unsuccessfully transaction, on an successful transaction, PMS will be require to repost till pass is acquired.

Sample:

:132 1201 4451123 1 John doe 1 ;	- Where Guest john doe has check in into room 1201
132 pass	- successful
:142 1201 4451123 3 john doe 1 3102 ;	- Where Guest john doe has change room from room 1201 to 3102
142 pass	- successful

1.2 2ND INTERFACE (POSTING OF CHARGES)

Kiwire will connect to a user define TCP port on the PMS , on demand, Kiwire will post charges to PMS .

Specification is as follow

stx room_no|date|time|room_no|amount| bill_description etx ↵

Information

Stx	ASCII(2) , start of string
Etz	ASCII(3) , end of string
Room_no	Room number to charge (without extention) , room 1204 will be 1204
Date	Date of transaction
Time	Time of transaction
Room_no	Room number to charge (without extention) , room 1204 will be 1204
Amount	The amount to post to the folio or bill
Bill Description	The description of the bill

Upon successful posting, the PMS must reply a OK signal.

Example

Stx 1204|2005-01-20|12:44|1204|45|internet access etx ↵

1204|OK

[transaction posted successfully]

On event of no reply the system will auto repost every few second till the transaction has been acknowledge.