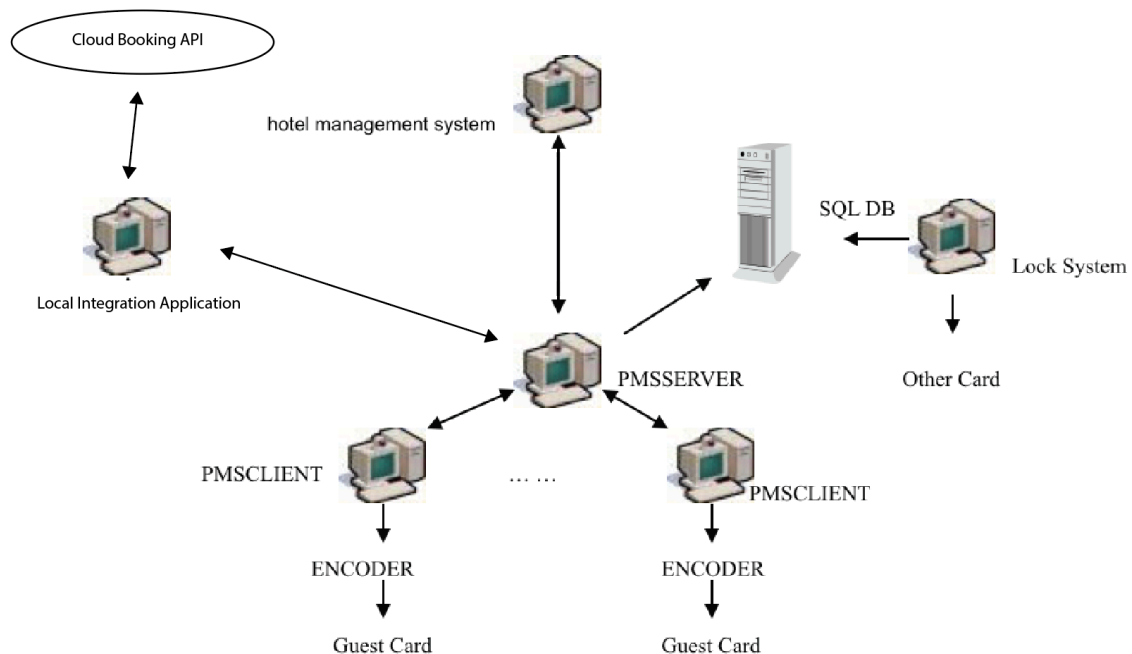


# PMS user manual

**Foreword:** The lock interface system is available to the developers of hotel management system. To achieve the purpose of the Guest Card can be issued in hotel management (other card still need to be issued in the lock system)

## 1、 Overview of INTERFACE

The PMS consists of the client end and the server end. The server end is for communication management, parameters setup and client management. **An interface network can have only one service management end, namely the server end can only be installed in one PC.** The client end is a card-issuing end installed in the card-issuing workstation or the card-reading/information-displaying workstation for issuing cards and displaying information. There is no limit on the number of client ends. It can be installed in all the workstations where card-issuing function is needed. In addition, different workstations can share the same client end to issue cards. The interface server communicates with the hotel management system to receive the instructions and then assign them to the specified client (s) for execution. After the execution, the client will feedback the execution status to the server end which, after transforming the status into response data, will respond to the hotel management system.



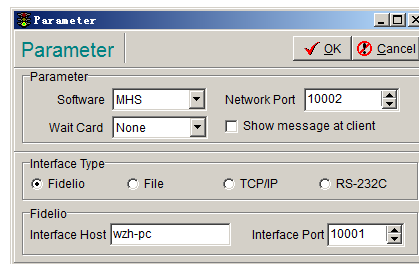
**Note:** These systems can be installed in one computer, and can also be installed on different computers within the LAN.

## 2、Types of PMS

PMS provides four interfaces to hotel management system developer, including Fidelio interface, TCP/IP interface, File interface and RS-232 interface.

Fidelio interface only for MICROS-Fidelio hotel management system. Other hotel management system recommended to use TCP/IP interface.

TCP/IP interface, File interface and RS-232 interface need Secondary development, please refer to 《PMS developer manual》.



### Fidelio Interface

This interface is for the MICROS-Fidelio hotel management system. It adopts TCP/IP protocol and complies with the MICROS-Fidelio interface standard.

### TCP/IP Interface

This interface transmits data through the network via TCP/IP protocol. The interface user employs the TCP Client to send data and instructions in a certain format, and the TCP Server responses in real time.

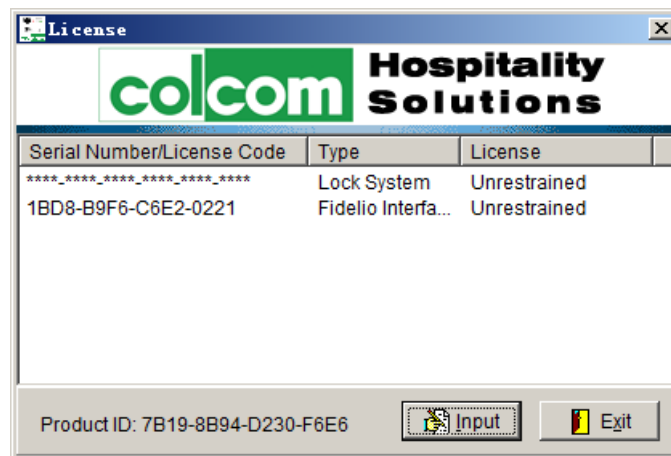
## 3、Installation and setup

### 1、Install the Lock-S System

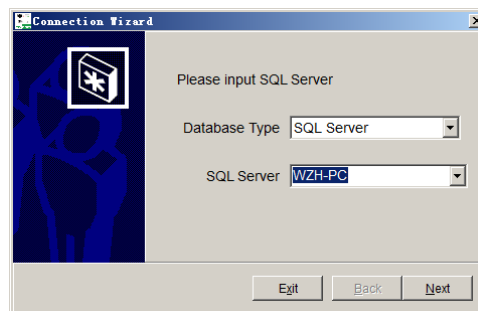
The lock system must be installed before use PMS interface. Set floors、rooms and other basic data in lock system。

### 2、Get the PMS license from suppliers, license type must match the interface type you use, example Fidelio。

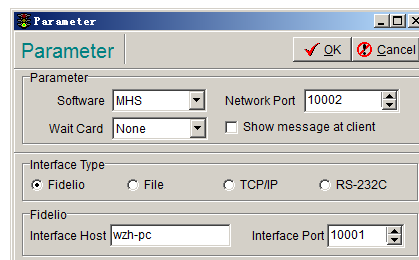
### 3、Input the PMS license in Lock-S system



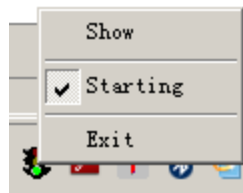
- 4、 Install the PMSServer;  
PMSServer **only be installed in one PC.**
- 5、 Install the PMSClient;  
PMSCient can be installed in all the workstations where card-issuing function is needed.  
Connect the encoder to some workstations.
- 6、 Run the PMSServer; select SQL Server same as Lock-S system,build the database of PMS.



- 7、 Input the parameters interface needed, examples Fidelio interface: Host and Port;

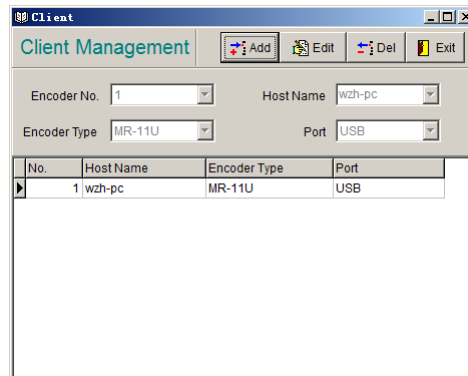


- 8、 If the icon is green light,said the PMSServer starts normal;



9、 Right-click the icon,then click <Show>, into the dialog of PMSServer;

10、 Click the <Client> button,set the data of PMSCClient . You can add multiple client workstations.



11、 Run the PMSCClient.

Now use Developer Manual and start send Bytes[] to this PMSServer to conduct the following:

- Insert Booking (manual card issue from PC Software)
- Encode card (PMS Server will interface with card encoder driver)
- Send mobile key (PMS Server will interface with cloud solution a deliver a mobile key to the specified guest)