

# RMS

## SmartConnector Extension

### Introduction

The PMS system interface is a middleware application that enables communication between the RMS booking system application with EcoStruxure Building Operation via EcoStruxure Web Services (EWS).

### Features and Benefits

Each room in the PMS is represented in the EcoStruxure Building Operation model of the PMS. PMS attributes configured in the interface may be used to implement custom sequences for guest room control. The interface can fully represent items in the PMS system with data synchronization between the two systems. This ensures the database is maintained and kept up to date without any user intervention.

### Guest Arrival

A multi-state value indicates the number of nights persons booked the room for. Requesting the Reservations from the PMS can be used to pre-cool the room while the Guest is at the reception if there is a Check-in or initiate the setback mode if there is a Check-out.

### Guest Name and Language

It is possible to obtain the Guest name from the PMS and use it to display a welcome message on the SE8300 room controller.

Name	Description	Value
GuestArrival	GuestArrival	24/07/2019 01:00:00
GuestDeparture	GuestDeparture	25/07/2019 01:00:00
GuestFullName	GuestFullName	Sims! William!
NumberOfNights	NumberOfNights	1



### Guest Departure Date

With knowledge of when the room is unoccupied or unrented, energy savings can be optimized by putting the room into a setback mode or energy savings control.

### Supported Operating Systems

The following is a list of Operating Systems which the SmartConnector framework has been tested against. Non-listed operating systems capable of running .NET 4.5 should also work but their compatibility has not been verified.

- Windows 7 64 bit.
- Windows 10 64 bit.
- Windows Server 2008 64 bit.
- Windows Server 2012 64 bit.
- Windows Server 2016 64 bit.

### Supported Database Servers

The following is a list of Microsoft SQL Servers which SmartConnector has been tested against. Non-listed servers compliant with Microsoft SQL Server may also work but their compatibility is not guaranteed.

- Local DB.
- Microsoft SQL Server 2012 Express.
- Microsoft SQL Server 2012.
- Microsoft SQL Server 2014 Express.
- Microsoft SQL Server 2014.
- Microsoft SQL Server 2016 Express.
- Microsoft SQL Server 2016.

### Project References

- Lyf Funan Hotel, Singapore; 412 Rooms