

GuestCentrix

SmartConnector Extension

Introduction

The GuestCentrix Smart Connector Extension is a middleware application that enables communication between the GuestCentrix guest management system application with EcoStruxure Building Operation via EcoStruxure Web Services (EWS).

Features and Benefits

Each room in the GuestCentrix system is represented in the EcoStruxure Building Operation model of the associated hotel. Guest details are presented to EcoStruxure Building Operation in a Room by Room manner. These details include; Guest Name, Language, Check-in date, Check-out date and people in the room.

Guest Name

Represents the name of the lead guest in the room and is presented to EcoStruxure Building Operation in a string format. This can be used to program Touch Panels and Welcome Screens.

Language

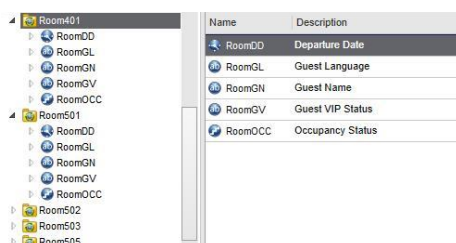
Set a touchscreen to the guest's local language to enhance their hotel room experience.

Check-In/Check-Out

Use the check-in and check-out date properties to set the room into setback mode for Energy Savings and to make the room welcoming upon guest arrival.

Rooms in EcoStruxure Building Operation

An example of the GuestCentrix room modelled in EcoStruxure Building Operation.



Name	Description
RoomDD	Departure Date
RoomGL	Guest Language
RoomGN	Guest Name
RoomGV	Guest VIP Status
RoomOCC	Occupancy Status



Occupancy

Gives a number that represents the number of people that have checked into a single room to determine room occupancy.

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

- SkyCity, Adelaide; 120 Rooms