

Gladstone Integration

SmartConnector Extension

Introduction

The SmartConnector extension enables communication between the Gladstone Room Booking APO service and the EcoStruxure Building Operation via EWS Web services.

Features and Benefits

This Smart Connector Extension allows each room in the room booking system to be represented under the Ecostruxure Building Operation Model.

The SmartConnector exposes all rooms that are requested via the Gladstone API and thereby providing the following details for every room:

- Room Occupancy
- Activity taking place in the room
- When the room was occupied
- When the room will be unoccupied

Rooms Represented in EBO

The example below is a graphical representation of how the data is modelled within EBO when a request triggers a response via the API for room data.

Name	Description	Value
EndTime	End Date Time	11/08/2015 14:39:06
GroupId	Activity Group Id	MNETB
InUse	Room in Use	True
StartTime	Start Date Time	11/08/2015 12:39:07

The information that is collated allows users to form their own analysis as a business and make necessary adjustments for the purposes of optimising their services and ultimately save on costs.



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.