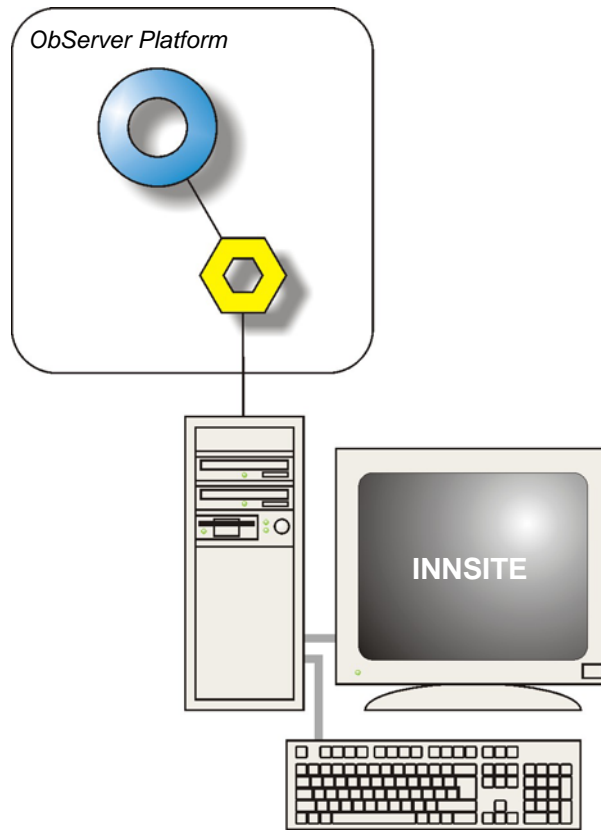# Product Engineering Guide

OSM v20 Innsite v10

Introduction

The Innsite OSM links Innsite Hotel Services' Energy Management System to ObServer. The Compass Point can hold the statuses of up to 240 occupied rooms.

Engineering

Step 1 – Install OSM

The Innsite OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure Innsite System

The Innsite system does not need configuring.

Step 3 – Connect COM Port to Innsite System

Using cable, connect the Innsite system to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Innsite OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Innsite OSM to an available channel. Refer to *'ObServer v20 Application Engineering Guide'.*

Note: After inserting the OSM, your engineering software may need to re-scan the ObServer object in order to view the OSM.

Step 5 – Configure Innsite OSM

The COM port, alarm polling facilities, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

Step 6 – Access Objects within the Innsite System

Values from the Innsite system are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

Engineering Reference

Cable Specification

The cable between COM port and the Innsite EMS computer is as follows:

```
┌─────────────────────────────────┐ ┌─────────────────────────────────┐
│COM Port                 EMS end │ │COM Port                 EMS end │
│25-female D-type    9-female D-type│ │25-female D-type   25-female D-type│
│        2 ─────────────── 2      │ │        2 ─────────────── 3      │
│        3 ─────────────── 3      │ │        3 ─────────────── 2      │
│        7 ─────────────── 5      │ │        7 ─────────────── 7      │
│   Maximum Cable Length = 15m    │ │   Maximum Cable Length = 15m    │
└─────────────────────────────────┘ └─────────────────────────────────┘
┌─────────────────────────────────┐ ┌─────────────────────────────────┐
│COM Port                 EMS end │ │COM Port                 EMS end │
│9-female D-type     9-female D-type│ │9-female D-type    25-female D-type│
│        2 ─────────────── 3      │ │        2 ─────────────── 2      │
│        3 ─────────────── 2      │ │        3 ─────────────── 3      │
│        5 ─────────────── 5      │ │        5 ─────────────── 7      │
│   Maximum Cable Length = 15m    │ │   Maximum Cable Length = 15m    │
└─────────────────────────────────┘ └─────────────────────────────────┘
```

Objects

When the OSM is loaded the following objects are created within ObServer, use object software to access these objects.

Object[1]	Label	R/W	Type
Sc	Innsite System connected to channel c	-	*[Innsite v10]*
Mc	Innsite Module connected to channel c	-	*[OSM v20\Innsite v10]*

Notes

[1]   The ObServer channel number, c, is a number in the range 1…40.