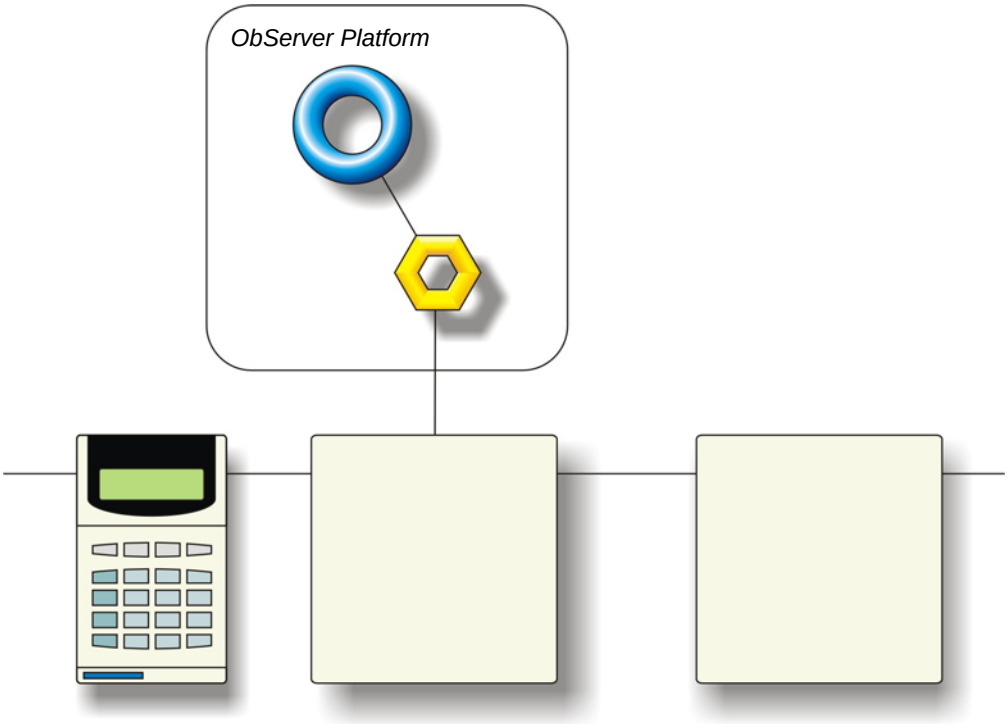
Product Engineering Guide

OSM v20 InnerRange v10

Introduction

The InnerRange OSM links the Inner Range Security and access system to ObServer.



Supported Range

- Inner Range - Concept range of security and access modules.

Engineering

Step 1 – Install OSM

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

Step 2 – Configure the Inner Range System

Configure one of the serial ports on the UART as 'PC Direct'. Select a baud rate that will be matched in the OSM configuration.

Step 3 – Connect COM to Inner Range System

Using cable, connect the Com port UART on the Inner Range System to the RS232 port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in InnerRange OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the InnerRange 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 InnerRange Module

The Baud rate and Alarm Object require engineering in the Module. Use object engineering software to view and modify the module objects within the OSM.

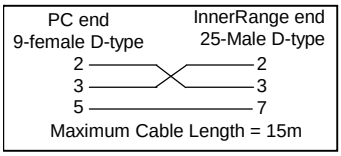
Note: After engineering the Module, your engineering software may need to re-scan the InnerRange System in order to view the InnerRange System.

Step 6 – Access Objects within the InnerRange System

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

Cable Specification

The cable between COM port and the Inner Range UART Com Port is as follows:



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***
S*c*	InnerRange System connected to channel *c*	-	*[InnerRange v10]* [2]
M*c*	InnerRange Module connected to channel *c*	-	*[OSM v20\InnerRange v10]*

Notes

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

[2] This object has a variable content and as such requires scanning.