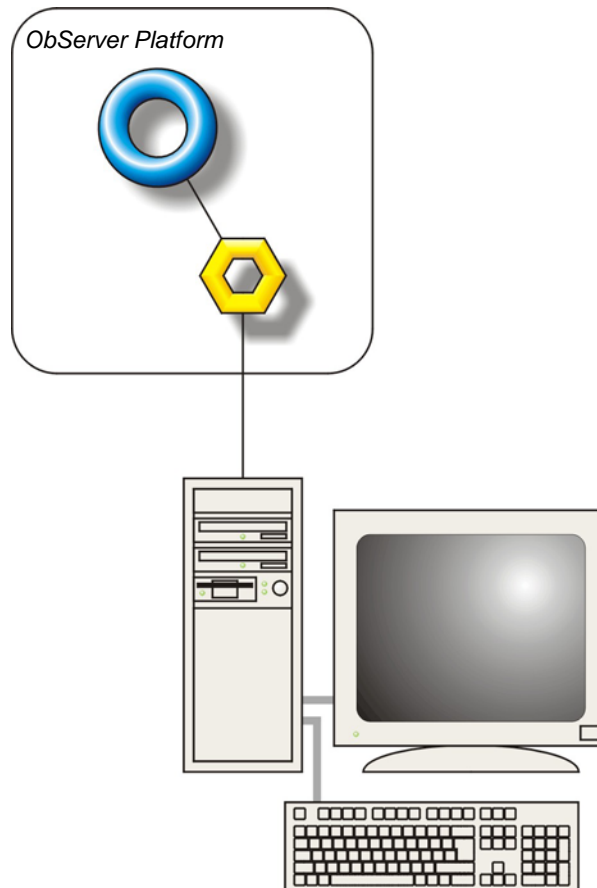


Product Engineering Guide

OSM v20 SMS5000 v10

Introduction

The SMS5000 OSM links a single Workstation port of a Security Design Associates SMS 5000 alarm monitoring system to ObServer. The Workstation port gives control over the security system, allowing circuits, groups, and the action line to be monitored and controlled, typically on behalf of a top-end graphic, or GUI.



Supported Range

- SDA SMS5000 – Up to 8 workstations per system. Each allows control of 4000 circuits, 128 groups, 255 outputs, 255 cameras and the action line.

Notes

The SMS5000 system does report alarms to Compass.

The SMS5000 system does not provide logging facilities to Compass. If logging of values is needed then a LogMax device will be required.

Engineering

Step 1 – Install OSM

The SMS5000 OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure SMS5000 System

The system does not require configuring.

Step 3 – Connect COM Port to SMS5000 System

Using cable, connect the SMS5000 to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in SMS5000 OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the SMS5000 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 SMS5000 OSM

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

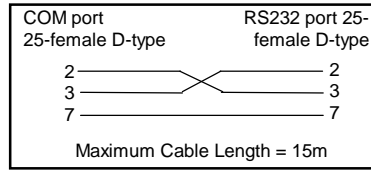
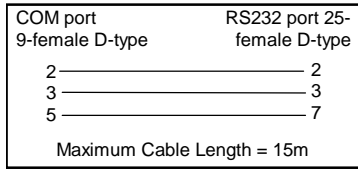
Step 6 – Access Objects within the SMS5000 System

Values from the SMS5000 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 SMS5000 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
Sc	SMS5000 System connected to channel c	-	[SMS5000 v10]
Mc	SMS5000 Module connected to channel c	-	[OSM v20\SMS5000 v10]

Notes

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