

Product Engineering Guide

OSM v20 StfaWSE v10

Introduction

The StfaWSE OSM links a Staefa Control System, Siemens Building Technologies, Pronto building management system via the WSE1 or WSE10 product to ObServer.

The Staefa WSE periodically collects data from the Pronto devices.



Engineering

Step 1 – Install OSM

The StfaWSE 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 Staefa Control System

Configure the WSE address before attempting a link to the StfaWSE OSM.

Step 3 – Connect COM Port to the Staefa Control System

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

Step 4 – Plug in StfaWSE OSM to ObServer

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

The COM port is configured using objects. Use object-engineering software to view and modify the module objects within the OSM.

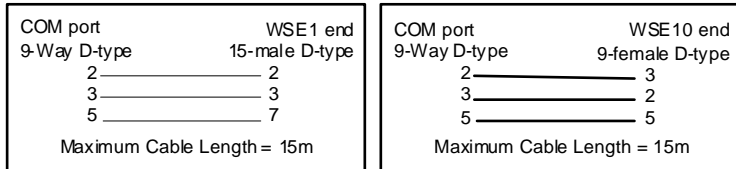
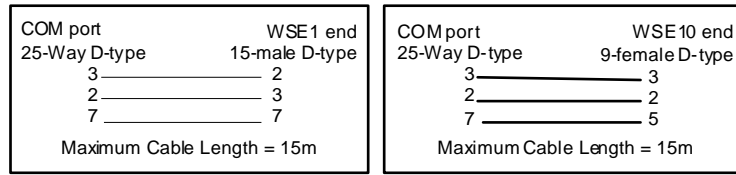
Step 6 – Access Objects within the Staefa Control System

Values from the Staefa Control 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 15-way WSE1 or 9-way WSE10 connector 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	StfaWSE System connected to channel <i>c</i>	-	[StfaSWE v10]
Mc	StfaWSE Module connected to channel <i>c</i>	-	[OSM v20\StfaWSE v10]

Notes

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