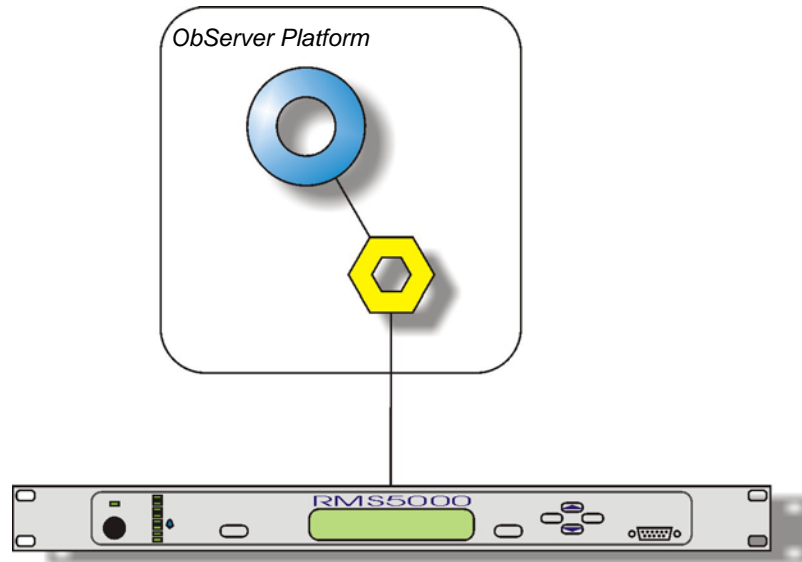


Product Engineering Guide

OSM v20 Texcel v10

Introduction

The Texcel OSM links the Texcel VE5000 system to ObServer. The OSM allows access to bits, bytes, words, strings and floating-point values.



Engineering

Step 1 – Install OSM

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

Step 2 – Configure Texcel System

The Texcel system's front serial port must be put in to 'Schema Data Mode'. If the port is currently in 'VT100 Menu Mode', hold down the silence alarm button for 5 seconds until it changes over.

Step 3 – Connect COM Port to Texcel System

Using cable, connect the Texcel RMS5000 to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Texcel OSM to ObServer

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

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

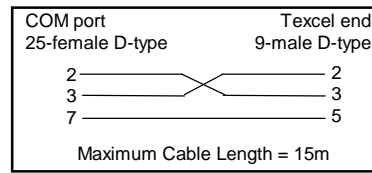
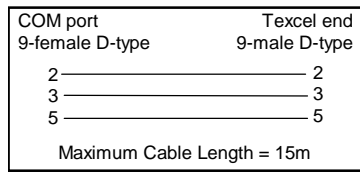
Step 6 – Access Objects within the Texcel System

Values from the Texcel 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 9-way D-type connector on the Texcel RMS5000 marked 'COM1' 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	Texcel System connected to channel c	-	[Texcel v10]
Mc	Texcel Module connected to channel c	-	[OSM v20\Texcel v10]

Notes

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