

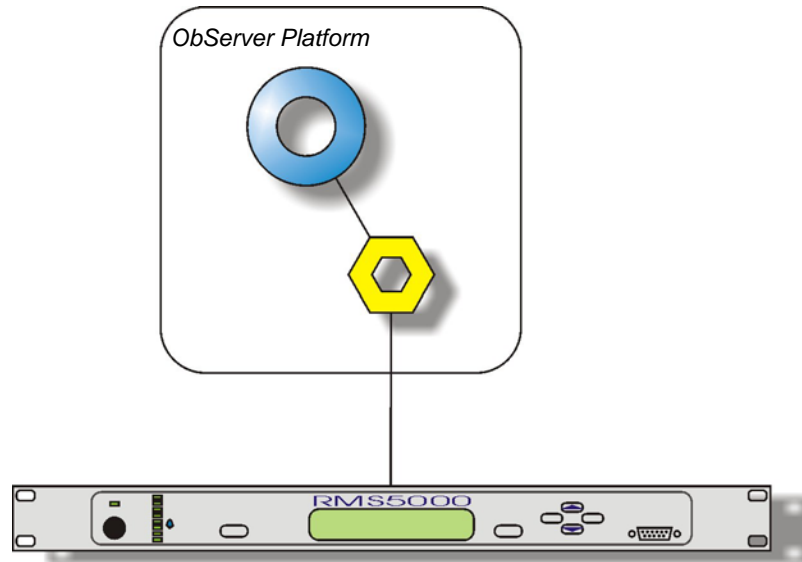
# Product Engineering Guide

## OSM v20 Texcel v10

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### **Introduction**

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



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## **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.

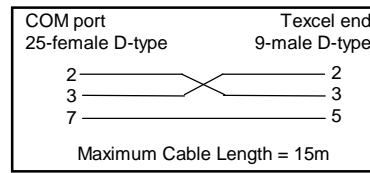
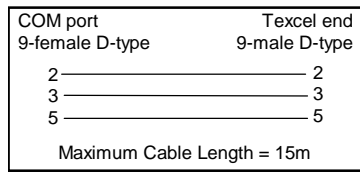
### **Step 6 – Access Objects within the Texcel System**

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 <sup>[1]</sup>	Label	R/W	Type
Sc	Texcel System connected to channel c	-	[ <a href="#">Texcel v10</a> ]
Mc	Texcel Module connected to channel c	-	[ <a href="#">OSM v20\Texcel v10</a> ]

## Notes

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