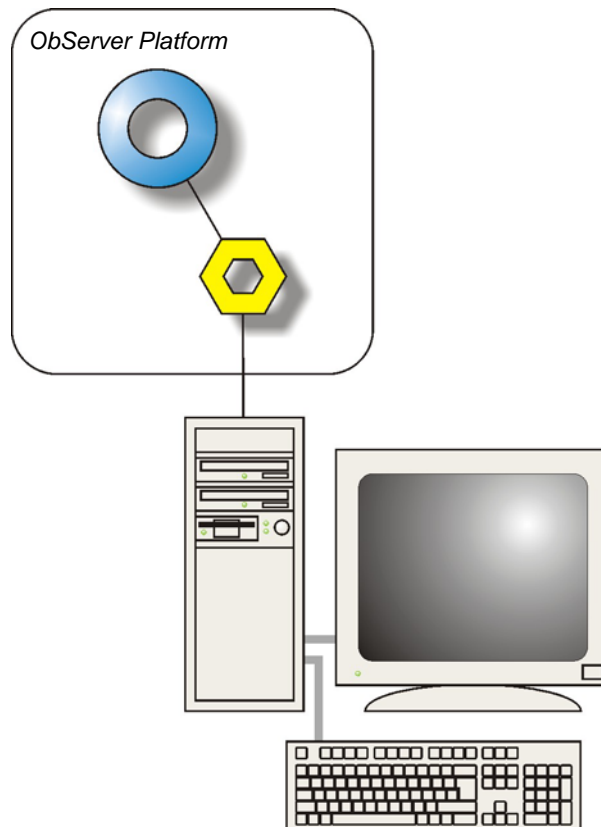


Product Engineering Guide

OSM v20 Imtele v10

Introduction

The Imtele OSM links the Invertomatic Telecontrol UPS system to ObServer. The Invertomatic Telecontrol UPS system is a software package running on a standard IBM PC/AT-compatible computer.



Engineering

Step 1 – Install OSM

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

Step 2 – Connect COM Port to COM 2 of the UPS computer

Using cable, connect the COM 2 of the UPS computer to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 3 – Plug in Imtele OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Imtele 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 4 – Configure Imtele OSM

The COM port, baudrate and byte format facilities are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

Step 5 – Access Objects within the Imtele System

Values from the Imtele 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 Imtele EMS computer is as follows:

COM Port 25-female D-type	UPS end 9-female D-type	COM Port 25-female D-type	UPS end 25-female D-type
2 _____	2 _____	2 _____	3 _____
3 _____	3 _____	3 _____	2 _____
7 _____	5 _____	7 _____	7 _____
Maximum Cable Length = 15m		Maximum Cable Length = 15m	

COM Port 9-female D-type	UPS end 9-female D-type	COM Port 9-female D-type	UPS end 25-female D-type
2 _____	3 _____	2 _____	2 _____
3 _____	2 _____	3 _____	3 _____
5 _____	5 _____	5 _____	7 _____
Maximum Cable Length = 15m		Maximum Cable Length = 15m	

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	Imtele System connected to channel c	-	[Imtele v10]
Mc	Imtele Module connected to channel c	-	[OSM v20\Imtele v10]

Notes

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