

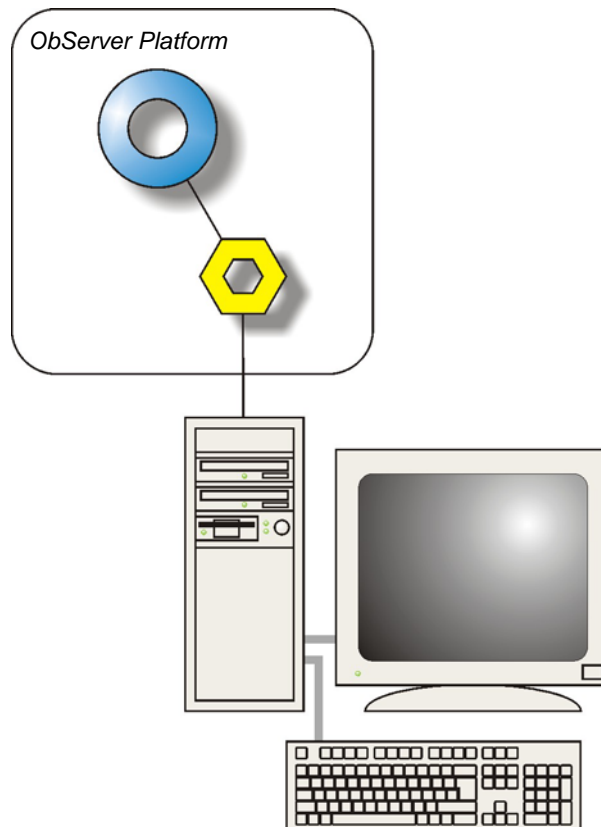
# Product Engineering Guide

## OSM v20 Imtele v10

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### *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.



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## **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 <sup>[1]</sup>	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.