

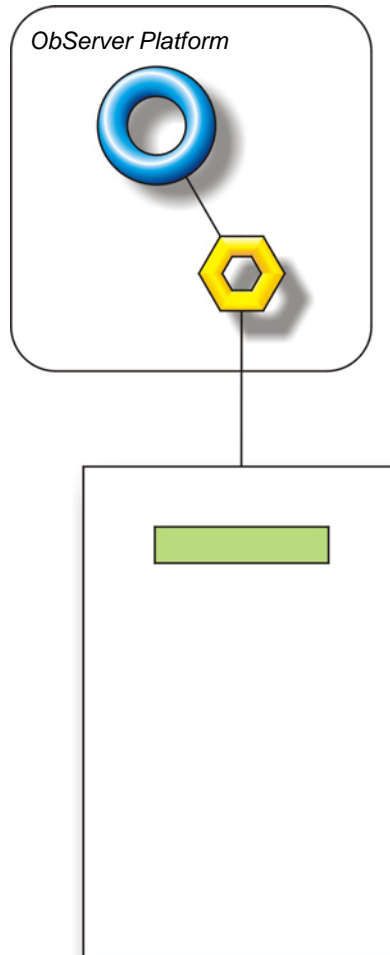
# Product Engineering Guide

## OSM v20 Megatec v10

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### **Introduction**

The Megatec OSM links a Mega Systems Technologies UPS (called Megatec System in this document) to ObServer. The OSM can obtain a list of read only values from within the Megatec system, such as charge and battery statuses.



### **Supported Range**

- Megatec supply OEM equipment to be branded by others. This device was tested with a Meissner MP110 device.

### **Notes**

No control over the Megatec system is possible as the OSM.

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## **Engineering**

### **Step 1 – Install OSM**

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

### **Step 2 – Plug in Megatec OSM to ObServer**

Use object engineering software to locate the ObServer Setup object. Assign the Megatec 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 3 – Configure Megatec Module**

The Device label and Alarm Object require engineering in the Module. Use object engineering software to view and modify the module objects within the OSM.

Note: After engineering the Module, your engineering software may need to re-scan the Megatec System in order to view the Megatec System.

### **Step 4 – Access Objects within the Megatec System**

Values from the Megatec system are made available as objects connected to ObServer. Any object software that is connected to ObServer can access these objects.

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## Engineering Reference

### Cable Specification

The cable between COM port and the Megatec system system's 9-way D-type connector is as follows:

COM Port	Megatec end
25-female D-type	9-way D-type
3	9
2	6
7	7
20	1

Maximum Cable Lengths = 15m

COM port	Megatec end
9-male D-type	9-way D-type
2	9
3	6
5	7
4	1

Maximum Cable Lengths = 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	Megatec System connected to channel <i>c</i>	-	[Megatec v10] <sup>[2]</sup>
Mc	Megatec Module connected to channel <i>c</i>	-	[OSM v20\Megatec v10]

### Notes

- [1] The ObServer channel number, *c*, is a number in the range 1...40.
- [2] This object has a variable content and as such requires scanning.