Product Engineering Guide
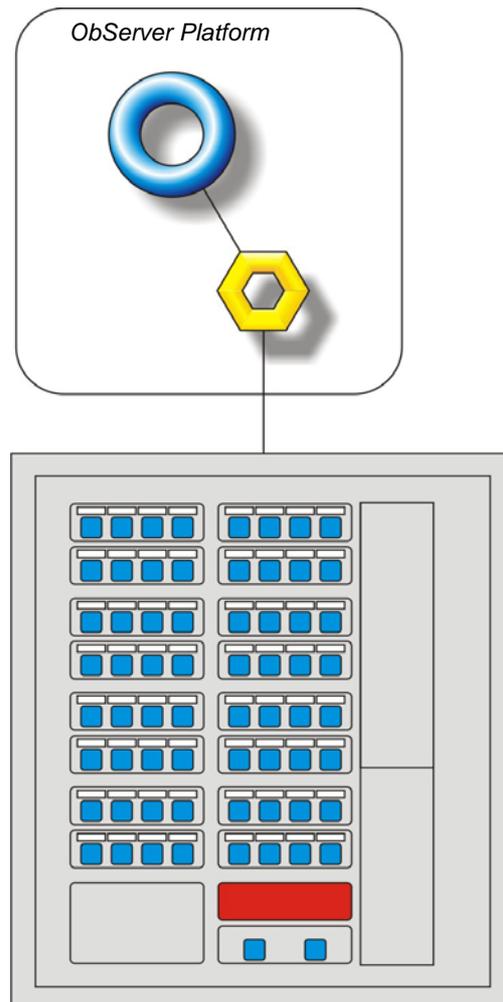
OSM v20 Omnicare v10

Introduction

The Omnicare OSM links the VIGIL OmniCare emergency voice communication system, manufactured by Baldwin Boxall Communications, to ObServer.

VIGIL OmniCare is an addressable emergency voice communication system that includes disabled refuge, fire telephones and disabled toilet alarm remote units.

The Omnicare interface provides monitoring for up to 128 remote units, including the call state and refuge area occupation state. The interface does not provide control or voice access of the VIGIL OmniCare system.

Supported Range

The Omnicare interface can only connect to panels which use the Mimic Panel protocol.

Engineering

Step 1 – Install OSM

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

Step 2 – Configure OmniCare System

Configure the master panel according to VIGIL OminCare documentation.
The panel must have the Mimic Panel protocol enabled.

Step 3 – Connect COM port to OmniCare Panel

Using cable, connect the VIGIL OmniCare panel to a COM port of the PC. Refer to the section 'Cable' below for details.

Step 4 – Plug in Omnicare OSM to ObServer

Use object engineering software to locate the ObServer configuration object. Assign the Omnicare 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 Omnicare OSM

The COM port and device label are configured using objects. Use object engineering software to view and modify the module objects within the OSM.
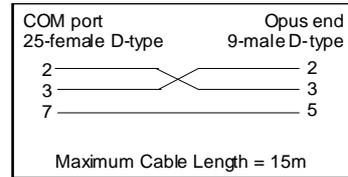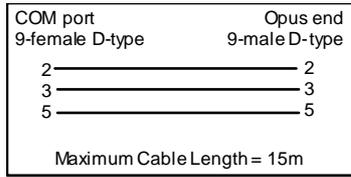
Step 6 – Access Objects within the OmniCare system

Values from the OmniCare 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 the COM Port and the Opus SCU500 D-type connector marked RS232 is as follows:

```
COM port                    Opus end
9-female D-type          9-male D-type
    2 ─────────────────────── 2
    3 ─────────────────────── 3
    5 ─────────────────────── 5

       Maximum Cable Length = 15m
```

```
COM port                    Opus end
25-female D-type         9-male D-type
    2 ──────────╲  ╱────────── 2
    3 ───────────╳──────────── 3
    7 ──────────╱  ╲────────── 5

       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
S*c*	Opus System connected to channel *c*	-	*[Omnicare v10]*
M*c*	Opus Module connected to channel *c*	-	*[OSM v20\Omnicare v10]*

Notes

[1]   The ObServer channel number, *c*, is a number in the range 1…64.

[2]   This object has a variable content and as such requires scanning.

Notes

Revision History

Version	Build Date	Details
1.0	25/02/2010	Driver released. Developed to the OmniCare protocol version 1.03D.