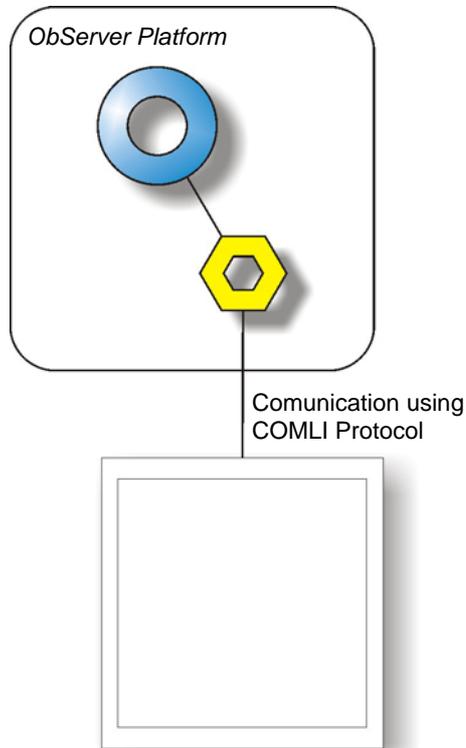


Product Engineering Guide

OSM v20 Comli v10

Introduction

The Comli OSM links links any system that uses the COMLI Protocol to ObServer.



Engineering

Step 1 – Install OSM

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

Step 2 – Configure Comli System

Configuration of the COMLI-compatible system cannot be described here, but must be determined by the engineer from the documentation for the system.

Step 3 – Connect COM Port to Comli-compatible System

Using cable, connect the Comli-compatible to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Comli OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Comli 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 Comli OSM

The COM port, baudrate, 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 Comli-compatible System

Values from the Comli-compatible 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

Cable

The RS232 cable from the Compass Point to the COMLI-compatible system cannot be described here, but must be determined by the engineer from the documentation for the system. This cable should be as short as possible, and not greater than 15 metres.

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	Comli System connected to channel <i>c</i>	-	[Comli v10] ^[2]
Mc	Comli Module connected to channel <i>c</i>	-	[OSM v20\Comli 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.