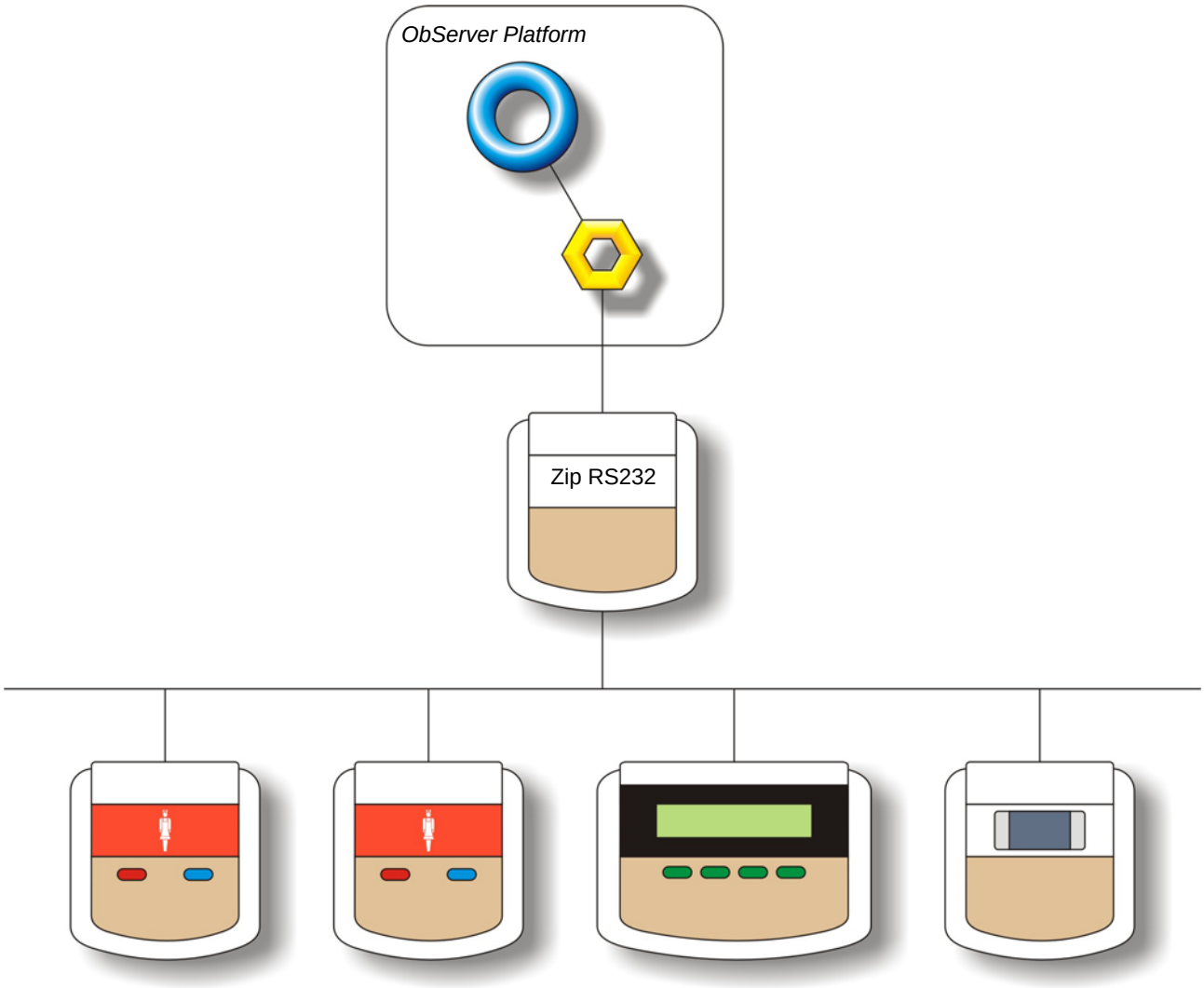
Product Engineering Guide

OSM v20 SASNurseCall v10

Introduction

The SASNurseCall OSM links Specialist Alarms Services' (SAS) Nursecall and Staff Attack systems, via a Network II RS232 module, to ObServer. SAS' Network II is an addressable call/alert system typically used by NHS trusts, residential care homes and nursing homes. The OSM is able to receive any message generated by the system and convert it into an alarm that can be sent to all standard alarm destinations.



Supported Range

- SAS Network II – nurse call system
- SAS Red Alert – staff attack system

Notes

A Network II RS232 unit is required to communicate with the system.
The NurseCall system does report alarms to ObServer.
The NurseCall system does not provide logging facilities to ObServer. If logging of values is needed then a LogMax device will be required.

Engineering

Step 1 – Install OSM

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

Step 2 – Configure Nurse Call System

The Nurse Call system does not require configuration.

Step 3 – Connect COM Port to Nurse Call System

Using cable, connect the Network II RS232 module to a COM port of the PC. Refer to the section ‘Cable’ below for details of the cable.

Step 4 – Plug in SASNurseCall OSM to ObServer

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

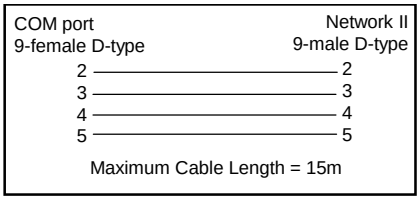
The COM port, aliases, device label, alarm polling facilities, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

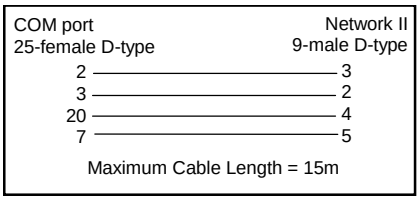
Step 6 – Access Objects within the SASNurseCall system

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

Cable Specification

The cable between the COM port and the Network II RS232 is as follows:





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*	SASNurseCall System connected to channel *c*	-	*[SASNurseCall v10]*
M*c*	SASNurseCall Module connected to channel *c*	-	*[OSM v20\SASNurseCall v10]*

Notes

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