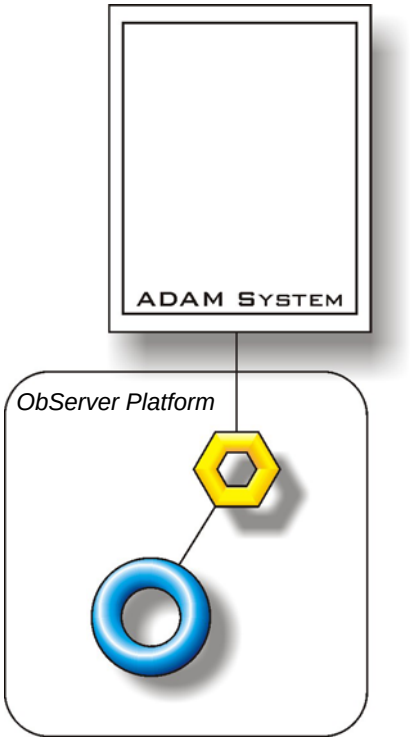
Product Engineering Guide

OSM v20 AdamAlrm v10

Introduction

The AdamAlrm OSM communicates with Adam Communication Systems' alarm receiver system. It allows standard alarms to be delivered to the Adam system. Therefore, the AdamAlrm OSM allows the device to act as an Alarm Object, just as a Printer OSM does.



Supported Range

- Any Adam Communication Systems' alarm receiver system - Standard Compass alarms are delivered to the Adam system. Therefore, the AdamAlrm Compass Point allows the device to act as a Compass Alarm Object, just as a COL or Printer Compass Point does.

Notes

The AdamAlrm Compass Point delivers standard Compass Alarms to the Adam alarm receiver system. Therefore, if the monitored system is not capable of reporting alarms to Compass then an AlarmGen device will be required.
The Adam alarm receiver system has a database of text strings (printable characters) that it will compare the received alarm to. If a match is found a relay can be activated or another alarm message is delivered to top-end alarm receiver software.

Engineering

Step 1 – Install OSM

The AdamAlrm 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 Adam System

Using cable, connect the Adam system to a COM port of the PC. Refer to the section '*Cable*' below for details of the cable.

Step 3 – Plug in AdamAlrm OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the AdamAlrm OSM to an available channel. Refer to '*ObServer v20 Application Engineering Guide*'.

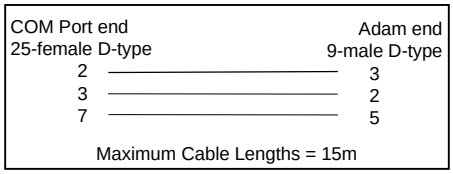
Note: After inserting the OSM, your engineering software may need to re-scan the ObServer object in order to view the OSM.

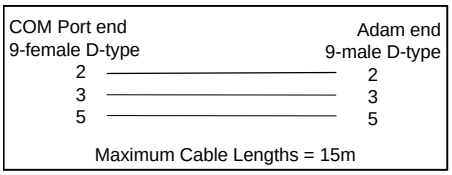
Step 4 – Configure AdamAlrm OSM

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.

Cable Specification

Connect the COM Port to the Adam system's 9-way connector.





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

Notes

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