



DESCRIPTION

COBS Messaging Server can be installed in a hardware as of above pictures or as a virtual installation on a VM-Ware platform.

CMS is a advance messaging gateway for connecting multiple systems and for creating applications via configuration.

CMS functionality depends on which systems that is currently connected and which licenses that is enabled.

CMS receives, handles and distributes alarm, messages and other data streams for generating customer specific and understandable messaging solutions. Among other things is CMS tightly connected with nurse call systems, fire alarm, location detection and escalation scenarios.

All configuration is done via a modern browser.

A virtual installed CMS could be limited in terms of no available physical com-ports.

- AMB is not available
- A4U2 handles only IP-ATRAX
- SIO, SIO8000, A4U could be used if an available com-port is mapped towards COM2-COM4.

TECHNICAL DATA

ADVANCED SYSTEM DESIGN

Alarms

Alarm process generates and activates alarms from different sources. An incoming text message could be converted to an escalating alarm scenario.

Positioning / location

Indoor location is used where we need to track people in certain scenarios. Location is used to protect staff and localize peoples or assets in critical scenarios.

ALERT 4U2

Wireless communication with small pendants within our Alert4U2portfolio.

Timer

Timer controlled features.

System monitoring

Keeping track of status of connected devices.

E-mail / SMTP server

Built in SMTP server for generating alarms or receiving information thru e-mail.

OIP - Open Interface Protocol

Open Interface Protocol for 3rd party vendors free of charge and available for partners.

Fire alarm

CMS has been tested with the majority of the markets fire alarm centrals and the most common protocol is ESPA 4.4.4. for receiving alarms and notifications from fire centrals. ESPA 4.4.4. is a 2-way monitored protocol.

Webserver API

Hosted web portal for customer specific and unique applications..

Configuration

Browser, built in web server

Externa Protocol

ESPA 4.4.4, RS232 Modbus TCP, OIP (XML), Assa ARX, OPC, SMART COM, XML-RPC, SIO, SIO8000, Pocsag, http, E-mail (SMTP), SNTP, SMS

Technical data HW

- Temp: -15 to +55 °C
- Power: 10-30 VDC
- 36W max (10W typically)
- 2 Ethernet
- 3 COM-ports (RS232 or RS485)
- 2 USB ports
- 1 COM-ports for service
- 213 x 65 x 107mm (W, H, D)

System requirements virtual installation

- Memory: 512MB
- Processor: 1
- HDD: 2GB
- Network adapters: 2

CMS has been tested with

VM-ware player 6.0
VM-ware workstation 10
VM-ware hypervisor (ESXi) 10