

CST's Message Server (CMS)



CST Message Server is an IP-based messaging platform which enables integration of a series of functions for a reliable and efficient alarm and message handling. CMS receives, handles and distribute message, alarm and other important data for internal and external communication. CMS can for example handle information from safety alarm systems, nurse calling systems and security systems.

Features

- IP-DECT
- AMB
- SIO

Overview

IP-DECT

IP-DECT handles the communication with CST IP-DECT systems or other IP connected systems

AMB

The AMB (ALERT Module Bridge) process handles the communication with existing CST ALERT modules (AIM, AOM, SCM, SMS & TIM) in a CST DECT system. Up to 14 different modules can be connected and configured.

SIO

SIO handles the communication with the analogue and digital CST DECT systems CST 800 and CST 2000.



CST's Message Server (CMS) Specifications



Advanced features

Alarm

An alarm is triggered by an incoming message the alarm handler who then creates an alarm instance depending on configuration. The alarm instance defines a list of actions; typically a number of text messages are generated and sent. Then the alarm handler waits for an acknowledge message or an escalation and acts upon these messages depending on configuration.

Positioning

Positioning is designed for organisations with personnel exposed to a potential risk of being assaulted. The location of the personnel requesting help is determined by Positioning Beacons and forwarded to the alarm receiver.

COBS ALERT 4U

Handles the interface to CST ALERT 4U personnel alarm system. The incoming message from the ALERT 4U transmitters generates a text message or an alarm.

Timer

Timer is a feature which gives possibilities to generate an event at a predetermined time and date, example a battery change and service of units in a CST system.

System Surveillance

All units in a CST system are supervised and if any unit fails an alarm can be sent to predetermine receivers.

E-mail

The e-mail feature is responsible for transform an incoming e-mail to a text message direct to a CST system.

Technical data

- Temperature: -15 -+ 55°C
- Power Supply: 9-30V DC
- Power consumption: 36W
- 2 Ethernet
- 2 configurable COM ports
- 1 COM port for service
- 1 RS485 port for CST ALERT modules