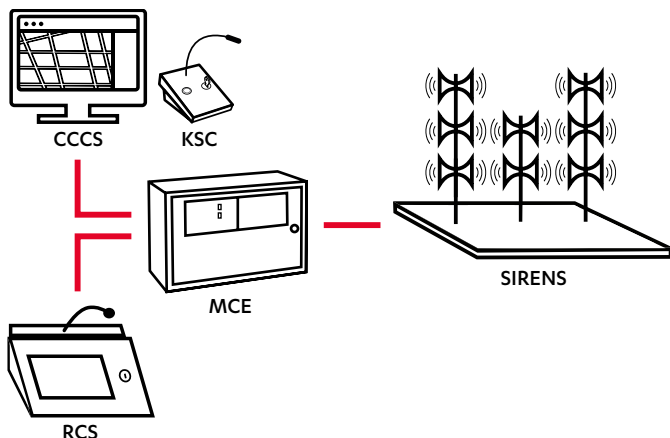**HÖRMANN**
Warnsysteme

WARNING AND NOTIFICATION

Siren System Control Centre Technology

Control Centre Technology MCE

A warning and notification system, integrating any number of electronic sirens, requires for unlimited operation and monitoring a sophisticated hardware/software and a reliable communication network.

HÖRMANN has developed the "Management Control Equipment" (MCE), representing the core of a siren warning and notification system. The MCE is working as an interface between initiation/control devices (Control Panel/RCS and/or PC/CCCS) and the electronic sirens.

The MCE also acts as network gateway which controls and monitors all data exchange and communication in the siren warning and notification system.

Technical Specifications

◆ 19" plug-in technology with swing frame

◆ Mains power supply 230 VAC or 110 VAC +/-10%

◆ Backup power supply with integrated battery 12 VDC

◆ Diverse Interfaces: Ethernet (TCP/IP), Digital Radio, GSM/GPRS, Fibre Optic, Satellite, RS232/RS485

◆ Message encryption and security encoding prevent unauthorized system activation

◆ Free, flexible digital I/O

◆ Scalable hardware structure for easy expansion and adaption

◆ RTX-OS Realtime Multitasking Operating System

◆ Modular software architecture for customization of user specific needs

◆ Cabinet dimension (WxHxD) 600x380x290 mm

MCE CABINET
Compact and clearly designed cabinet thanks to 19" plug-in technology and modular construction. Robust assemblies guarantee maximum reliability.

CCCS   KSC

MCE

SIRENS

RCS

Siren System
User Interfaces

Control Panel – RCS

◆ Rugged desktop panel

◆ ARM11 embedded panel PC with 7" touch-screen

◆ Flexible selection of electronic sirens (single, groups, all electronic sirens)

◆ Activation of alarms, pre-recorded messages and live PA announcements

◆ Flat navigation structure with icons

◆ Status monitoring of electronic sirens via colour-coded LED icons (green, yellow, red)

◆ Key-switch for electronic siren activation

◆ 12 VDC power supply from MCE

◆ Optional with microphone and PTT button for live PA announcements

RCS CONTROL PANEL
Touch panel for easy monitoring and activation of the electronic sirens. Status display following traffic light principle. Electronic sirens are triggered in seconds through intuitive operation procedure.

Control Software – CCCS

◆ Password protected login

◆ Activation of electronic sirens with key-switch and / or password protection

◆ Ad-hoc selection and grouping of electronic sirens (single, groups, or all electronic sirens)

◆ Activation of alarms, pre-recorded messages and live PA announcements

◆ Electronic sirens and control centre status using colour-coded map icons (green, yellow, red)

◆ Flat navigation structure ensures intuitive use

◆ Map based GIS application

◆ Comprehensive reports and statistics of system status and –history; detailed to the second

◆ Analysis and indication of malfunctions

◆ Data print and export functions

CCCS CONTROL SOFTWARE
Simple and intuitive software for controlling and monitoring a siren warning and notification system. Activation of electronic sirens in seconds, status display following traffic light principle.

HÖRMANN Warnsysteme GmbH
Hauptstraße 45–47
85614 Kirchseeon
GERMANY
T +49 8091 5630 300
F +49 8091 1275
info@hoermann-ws.de
www.hoermann-ws.de