



HÖRMANN

Warning and Information

Siren System Command and Control Software



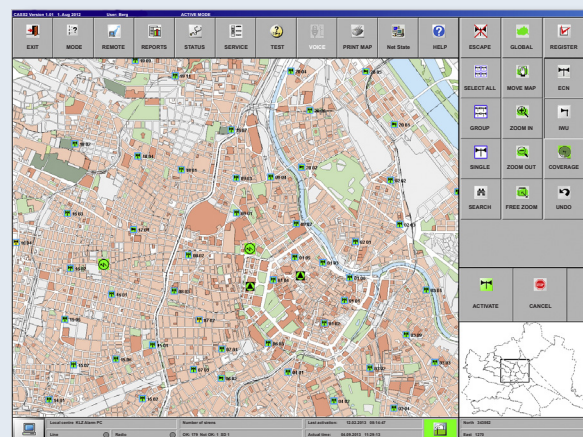
Command and Control Software CCCS

The CCCS (Computerised Command and Control Software) runs in a PC-based siren network and acts as the interface between the sirens and the operator. The CCCS operating software has been designed by HÖRMANN especially for activation, controlling and monitoring of siren systems and has been optimised over the years in close cooperation with our customers.

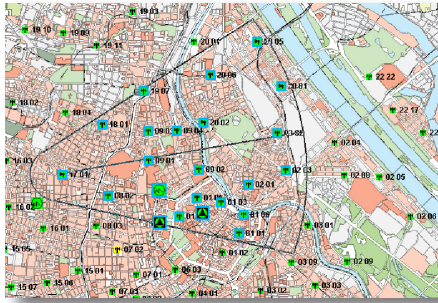


CCCS Features

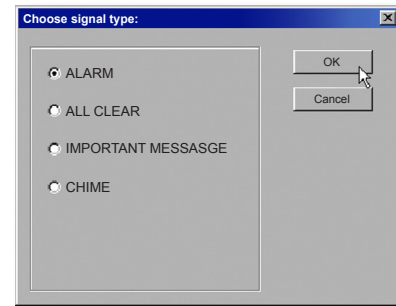
- ◆ Intuitive activation of siren tones, pre-recorded messages and live public address announcements
- ◆ User friendly navigation with graphics based interface
- ◆ Straightforward control and monitoring of the health of all siren system equipment
- ◆ Map based GIS software
- ◆ No blocking dialogues and windows
- ◆ Supports all languages – NLS (Native Language Support)
- ◆ Comprehensive report and status-log functions
- ◆ Running under MS Windows xx™
- ◆ Integrated online support



1. Select sirens

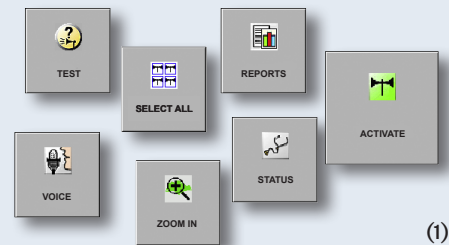


2. Select siren tone



Operation

Essential requirements for reliable operation of a siren warning system postulate a user friendly and intuitive usability of the software. The CCCS includes several operation modes which ensure easy and secure operation. »Monitoring« mode can be used for training but still allows polling of the system and receiving real-time status reports. »Active« mode enables the operator to broadcast siren tones, pre-recorded messages or live PA announcements within seconds. »Administration« mode offers flexible administration and adaption of the system.



(1)

- ◆ Highest security for activation of sirens by key switch, password or fingerprint confirmation
- ◆ Buttons with pictograms and text (1)
- ◆ Ad-hoc selection and grouping of sirens on the map
- ◆ Selection of single sirens, pre-defined groups or all sirens over buttons or catalogue (2)
- ◆ Customised user-groups and profiles with various authorisation levels
- ◆ Supports vector-graphic and grid-graphic maps
- ◆ Map with zoom and pan functions

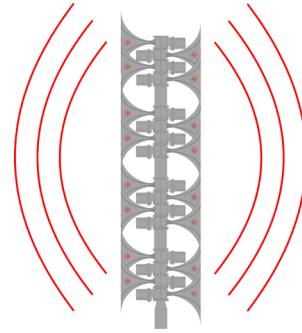


(2)

3. Approve with key switch



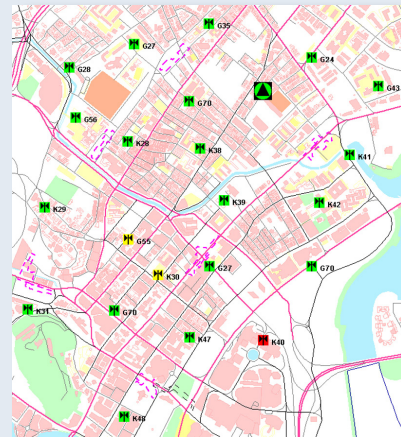
4. Sirens active



Monitoring

The CCCS allows activation of sirens within seconds and provides detailed and user friendly overview of the system status. Colour-coded icons indicate the condition of each system component, both at a glance as well as in detailed view by clicking on the individual icons. Complete status information as for example condition of drivers, amplifiers and battery is also available.

- ◆ Status monitoring of sirens and control centre(s) via superimposed colour-coded icons (1)
- ◆ Unsolicited status reports (e.g. missing mains power supply) will be indicated automatically by a blinking icon with changed colour and warning buzzer
- ◆ Direct access to status information and status history via icons (e.g. battery-, driver-, amplifier-status) (2)
- ◆ Complete historical status reports of sirens and control centre(s)
- ◆ User friendly depiction of high siren numbers by summarising »area-icons«
- ◆ Freely definable periodic time intervals for specific operations (e.g. automatic self test)
- ◆ Integrated database with automatic and to the second recording of any activities and status changes



(1)

Status of Station ECN 006-LABO EXT	
date time of status	18.04.2013 08:05
address	
object	
siren subtype	ECN 1200
global condition	full operational
control unit	
cabinet door	closed
local service	no
battery state	ok
battery symmetry	ok
mains ok	ok
power supply	ok
program memory	ok
signal generator	ok
activation and test	
sounding off	
local activation	off
last activation	11.04.2013 20:45
last activation state	ok
test	off
amplifier state	
amplifier 1	ok
amplifier 2	ok
amplifier 3	ok
amplifier 4	ok
driver	
driver 1/2	ok
driver 3/4	ok
driver 5/6	ok
driver 7/8	ok

(2)

HÖRMANN GmbH

Hauptstraße 45-47

85614 Kirchseeon

Germany

Tel. +49 (0)8091/52-261

Fax +49 (0)8091/1275

info@hoermann-gmbh.de

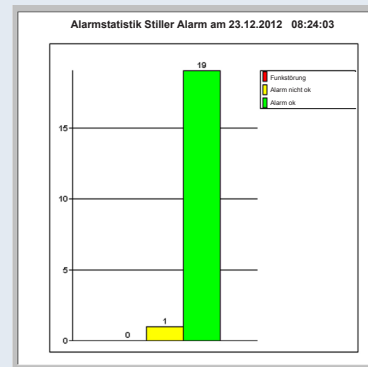
www.hoermann-gmbh.de



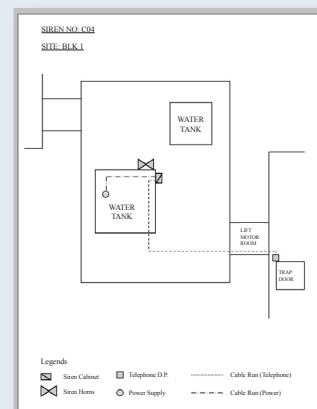
Reporting and Analysis

For arranging maintenance jobs in advance as well for analysis of system activities the CCCS provides a straightforward and detailed report function.

- ◆ Display of any activities detailed to the second (Who? What? When?)
- ◆ Reports shown in tables or charts
- ◆ Detailed user-defined process and report functions
- ◆ Display of siren and control centre(s) status over total time of operation
- ◆ Generation of alert statistics with detailed examination of siren conditions (1)
- ◆ Analysis and indication of malfunctions of each siren
- ◆ Additional siren site information like pictures and floor plans attached (2)
- ◆ Print and archive of data



(1)

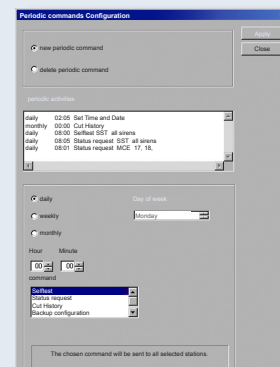


(2)

Administration

The »Administration« mode offers any authorised operator a variety of options to adapt and fit the CCCS software to customers needs.

- ◆ Flexible editing and creating of siren groups
- ◆ Creating and defining of users
- ◆ Adding and removing of sirens
- ◆ Adjusting of siren site positions
- ◆ Programming and configuration of automatic, periodic tests and scheduled events (3)



(3)