



ALERT5000 ALARM & PHONE SYSTEM

Alarm distribution via wireless phones

Marine
communication

- **Alarm system**



Specializing in secure communication



Why DECT?:

DECT is excellent for voice and mission critical alarms.

diwiton marine (part of diwiton AB)

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Diwiton offers solutions especially developed to suit the extreme environment of the maritime segment. We always strive to deliver a communication solution as complete as possible. Our strength; we combine products from the largest suppliers.

Tailor made solutions

Since all ships are different, the solutions are tailored to each ship's needs and desires. The work onboard is now more efficient with wireless monitoring of machine alarms and control of pumps, and the safety among the personnel has increased since the alarms and other important information can be sent directly to their phones.

Increased flexibility

A communication solution where you're not dependent on fixed alarm buttons has been one of the demands to minimize the lead times. Personal alarms, assault alarms, lone worker alarms and the possibility to be able to start, stop and control actions from the same unit are all important functions of the solution. Also the fire alarm is integrated to the system. With the help of COBS message server the closest camera is set to be activated in case of a fire, and it starts recording the alarmed zones.

The systems are fully integrated directly to the ships pbx and fully coverage above ship. You will have the same function as you have in the regular deskphone onboard

Opinion from a customer

"We are really satisfied with our cooperation with Diwiton and the products from COBS make our everyday life both safer and more efficient", says electrical engineer on Stena Saga.

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Main features:

- Wireless Dect coverage onboard the ship
- Alarm for Engine, Fire, Hospital, Handicap, Elevator, Refrigerator and Gangway alarm in your handset
- Possibility to mute alarm signals
- Control pumps and other equipments from your handset (start & stop)
- Group message
- Always get in touch with other staff
- Alarm buttons to call for help.
- Minimize the lead times for the staff onboard
- Safe and pleasant atmosphere for staff and guests

Web Display

- Web display for Guest service, Officer Cabins and more.
- See all or selected alarms.
- Mute alarm bells.
- Saves history
- Different colours depending on alarm



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System description:

To assure cruise ship safety, two complete systems are installed at separate locations ('A-B configuration'). Each zone is connected via dual loudspeaker lines to both systems. The system incorporates rugged paging call stations (Praesideo call station kits).

The system also incorporates touchscreen-controlled call stations with a very simple yet powerful graphical user interface.

An emergency call station on the bridge with duplicate electronics connects both systems (A and B). Various power amplifiers efficiently meet the specific power requirements of each zone. Music sources can be connected to the line inputs of the network controller unit and routed to the different public areas and function rooms.

Audio from the entertainment system can be digitally routed to the Praesideo system using Cobranet technology.

Dect server:

Scalable DECT system that can grow from 2 base stations up to 512 base stations.

The system is based on dedicated 2-wiring between the central unit and base stations creating the most stable operation over time and could also use the existing wires in the building.

SIP interface to suit even IP-PBX nativly fast and effecient.

DECT 8000 is a scalable and modular rack server with room for up to 64 interface cards. The combination among the 64 slots can be in any configuration totally up to your needs. Each 19" rack has room for eight slots.

The analogue interface cards available are for 8 or 16 analog extensions to the PBX, called IWU cards.

Base station cards for 8 base stations BEB-8000 card.

SIP card for connecting the DECT 8000 to an IP-PBX through SIP expanding the users up to 4000 handsets on a single system.

DECT 8000 uses the same base stations as we have delivered for over 10 years, which means that it will be an excellent replacement for our recently out phased CWS 2000 that was delievered for almost 15 years.

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System description:

Phones:

System integration

Integration with other systems such as building management, firealarms, remote management, hospitality systems or nurse call systems. Panic alarms, staff alarms or remote monitoring can be initialized directly from the handset.

Alarm button

C-3110i has a large and easy accessible dedicated alarm button which makes it intuitive and easy for staff to call for help without even look at the handset. On the right side of the handset there is an extra function key that can be freely programmed of your choice to acknowledge an alarm, send a soft alarm or just call your colleagues with the touch of a button.

Positioning / location detection

C-3110i can be ordered with exact indoor positioning. The knowledge of knowing that someone is just a touch away if you end up in a situation you can not control increases the security for lone workers. Positioning and indoor location is a mandatory requirement for a variety of customers and is really a security feature that makes a difference.

Robust

Droptested, water and dust resistant according to the IP65 classification. It is also easy to clean and resistant to most common disinfections.

Wireless update over the air

The wireless update makes the support and maintenance to a reduced level compared to earlier generations.

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SYSTEM DESCRIPTION

Main Cabinet:

- 19" Wall cabinet
- Wireless Dect 8000 server
- CMS Alarm server
- Alarm modules for different machine protocols, for example ESPA 4.4.4
- PSU and terminal connections
- Marine approved UPS



Wireless system:

- Indoor Dect base stations
- Outdoor Dect base stations
- Atex type Dect base stations
- Atrax modules for wireless alarm buttons for guards or Information employees
- Atrax modules for wireless buttons in handicap cabins
- Robust alarm phones with assault button

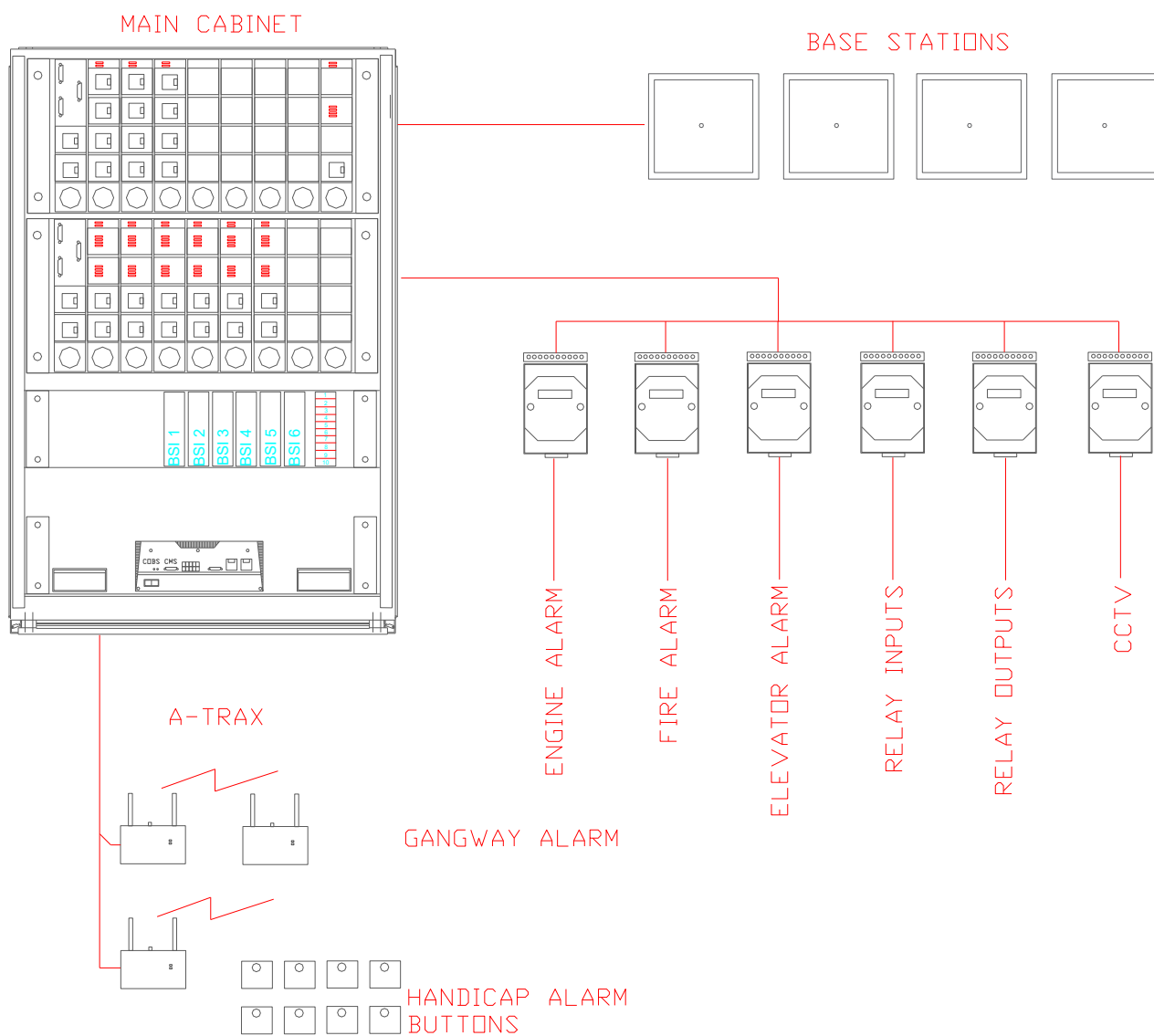


- Manuals, Drawings, Software

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