Security Intercom

See the total picture

Security Intercom is more than just speaking and hearing. You need to add seeing, reporting and controlling to get a real three-dimensional picture. See the total picture and benefit form the latest technologies: OpenDuplex® and IoIP® (Intercom over IP). Security Intercom by Commend is the digital communication solution in a global environment that helps to improve your security decisions.

GLOBAL INTERCOM BY COMMEND.

| Security Intercom | Emergency Intercom | Parking Intercom | Medical Intercom | Industrial Intercom | Office Intercom | Building Intercom | Special Intercom |

Areas of Use and Advantages

Until now, intercom has been just a simple speech connection from a substation to a masterstation, to ask for assistance in emergencies or when simple questions arose.

Security Intercom by Commend is much more than just another intercom system. It is the digital communication solution in a global environment that helps you to improve your security decisions by giving the security officers in the control room a better overview of the situation.

Hightened Security

Automatic calls, camera switching, and door controls on specific events give you heightened security. While configuring the system it takes just a mouse click to define events and the actions they should trigger. When a call comes from a help-point, the camera is automatically switched to the right monitor and then with just the push of a button the door or a gate will open.

Interfacing

Interfacing to CCTV, access control, various other security systems as well as communication equipment is easy thanks to special interface-cards by Commend. The masterstation in the Security Intercom System becomes a command station from which other equipment is operated.

Easy Operation

Complex tasks in the control room become easy as all operations can be done by one simple user interface. This can be a Commend masterstation, a Commend controldesk or a special graphic user interface on a PC. The security officers do not need to hassle with different controls but can concentrate on their real task: to assist people needing help.

Networking

Advanced networking capabilities provide a consolidation of your security control, where one control room handles it all, including control to and from remote sites. No matter how far the remote site is, the person needing assistance will be immediately in contact with a security officer in the control room. Flexible networking enables you to maximize the utilization of your existing networks and wiring – may they be copper cables, optical fiber or LANs / WANs

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Digital Intercom and Networking!

Commend offers a full range of Intercom Stations and Substations in modern digital technology. Digital Networking allows you to handle the intercom services at remote locations from one central control room.

•••• 2-Wire Technology

Digital 2-wire technology as well as local inputs and relay-outputs (at selected stations) give more flexibility and reduce wiring costs. Existing wiring can be used, allowing for retrofit-friendly environment.

•••• DSP Technology

Commend Intercom Stations feature DSP technology. They are open for the future and new functionalities can be downloaded when they become available.
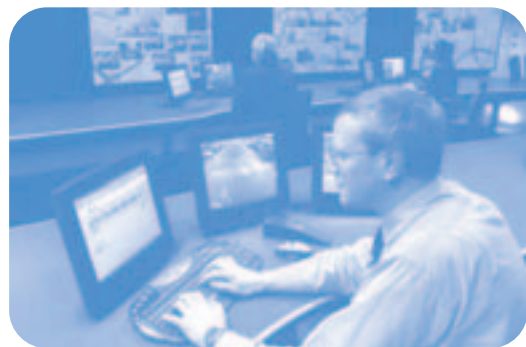
•••• Audio Monitoring

DSP-functionalities include Audio-Monitoring where shouting or noise exceeding a programmable threshhold and duration triggers an automatic call. In emergency situations shouting is enough to call for help, and can be combined with the automatic switching of a camera.

•••• Operational Assurance

Loudspeaker-microphone-surveillance made possible by the DSP technology together with programmable line fault monitoring gives additional security and helps to assure that the system is always operational.

•••• OpenDuplex

OpenDuplex® makes communication as natural as possible: talking and listening at the same time, handsfree and loudspeaking. Without limitation by a handset or without thinking of the technology. Nothing gets missed and no longer is information lost.

•••• Central Control

One central control room, where security officers handle all calls, allows a reduction in costs. At the same time, also small remote locations can be equipped with help points to improve security.

•••• Multiple Choice

Networking technologies include utilizing 2-wire copper-cables, E1-standard, optical fiber, and Ethernet in order to adapt to local needs. Commend networking technologies can be mixed within one Intercom System to perfectly answer a wide range of needs.

•••• Low Cost Retrofitting

Utilizing existing 2-wire copper cables a maximum distance of up to 13,000 ft between communication servers is possible. This is perfect for retrofitting at low costs.

•••• High Speed Transmission

E1-standard interfaces to fiber optic (one or two fiber, single- or multimode), microwave and many other high-speed transmission systems with media-converters assure optimum networking flexibility.

•••• High Speed Transmission

Interfacing via Ethernet using LANs / WANs with minimal overhead requirement in the net for most convenient networking over internal IP-networks.

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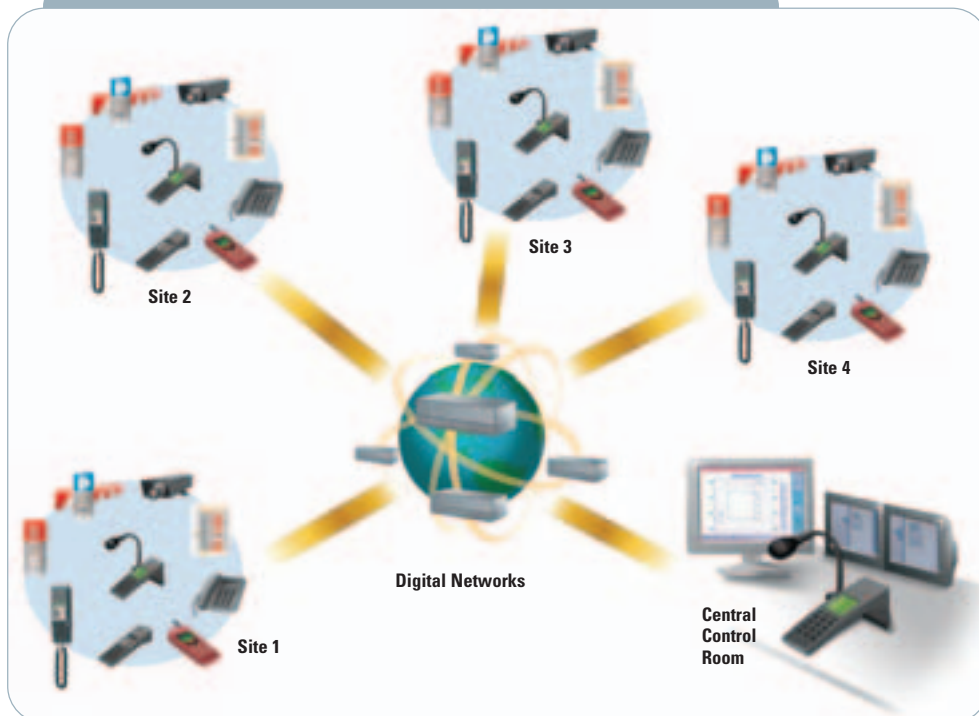
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Schematic Drawings

Note: This brochures tells possibilities of Commend products and solutions. Any specific needs and required functions in a system are subject to correct design of the system and installation. The design should be approved and confirmed by Commend or its authorized partners.

SECURITY INTERCOM SYSTEM OVERLOOKING ONE SITE

Door Communication
Parking - Entrances
CCTV Control
Help Points
Central Control Room
Lift Intercom
Main Entrance
Intercom Stations
Call Forwarding to Telephones

NETWORKING SECURITY INTERCOM OVERLOOKING SEVERAL SITES

Site 2
Site 3
Site 4
Digital Networks
Site 1
Central Control Room

All technical specifications and product availabilites are subject to change without prior notice. Using Commend products and services does not free the enduser from assuring their self that all local laws and regulations are respected.

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