

Security and Communication for People, Buildings and Industry.

Security Intercom

A Commend Industry Solution Brochure



A secure overview for buildings,
works, compounds and safety zones.



Security Intercom connects security staff with the areas they protect ensuring security for people, buildings and property.

Commend's digital Security Intercom solutions always not only offer speaking and hearing. They can do more: automatic calls, camera switching and door control or other options on specific events give you heightened security by giving a real 3D picture and help improve your security decisions.

Commend's unique security concept includes all Intercom functionalities, loIP® (Intercom over IP), remote site networking as well as integration of various auxiliary equipment like mobile radio or telephones and PA systems.



SECURITY AND COMMUNICATION

Security Intercom assists people needing help and provides system managers with complete security.

Assuring security, providing assistance.

Secure freedom of movement.

Quick expert help is required when questions and problems occur at entrances, access points and in high security areas, or when in case of threats protection is required. Security staff is able to provide help, exactly where it is needed, either on request or

triggered by events. This system offers excellent sound quality and gives users the feeling the security team is there with them to deal with any questions.



Benefits for People at the remote sites:

- ◇ Personal contact at doors, barriers and emergency call points
- ◇ Immediate response to emergency calls or inquiries
- ◇ Audio-visual contact with personnel raises perception of security in access areas
- ◇ Clarity and speed in providing assistance
- ◇ Confidence boosted by direct voice contact fostering a sense of proximity
- ◇ Easy contact ensures respect for security measures

Authorised persons should feel safe and welcome, and not perceive security as being restrictive. Whether at the press of a button or triggered by sensors, security staff with direct voice links and video contact give people the feeling of being well protected.

In emergencies, they are virtually on the spot in no time, so those in trouble are not left alone. Advanced networking capabilities provide assistance, no matter how far the remote site is from the control room.

Immediate responses boost security.

Convenient monitoring and control with ideal use of human resources.

Security Intercom is designed to protect physical and intellectual property without limiting freedom of movement for authorised individuals. It is also there to accelerate help in emergencies. Security staff is constantly available via Intercom without always having to be present on site. Via the intercom system, staff can react immediately to questions, unusual situations and dangers.

Localisation, call differentiation and automatic video feeds provide the necessary overview for the provision of accurate information and a sound basis for security decisions. Event triggered calls and pre-defined procedures facilitate immediate response. With natural speech through excellent sound quality, loss or misunderstanding of content is avoided.



Benefits for the Security operator:

- ◇ Rapid responses in emergency situations (emergency calls or system alarm)
- ◇ Pre-emptive contacts triggered by sound and movement sensors
- ◇ Situational certainty via video feeds
- ◇ Fast reaction by information with public announcements
- ◇ Uniform user interface for all communications, control and monitoring functions
- ◇ Support provided by pre-defined plans of action
- ◇ Flexible and efficient use of staff due to control console signal cascading and call forwarding

Interfacing to CCTV, access control, various other security systems as well as communication equipment like mobile radio or telephone is easy. Intercom via IP facilitates the use of existing network infrastructure, makes the system independent of locations and types of communication technology, and reduces installation expenses and running costs. Complex tasks in the control room

become easy as all operations can be done by one simple user interface. This can be a Command masterstation, a Command controldesk or a special graphic user interface on a PC. Flexible networking makes it possible to maximize the utilisation of existing networks and wiring – may they be copper cables, optical fiber or LANs/WANs.

Security Intercom guarantees clarity and security regardless of the size of the application.

The Security Intercom Solution.

Security Intercom is ideal for small and compact single properties as well as for large scale entities with widely distributed locations. Modular construction and independence of data transfer technologies facilitate installations. Extendable at any time with compatibility through several technological generations ensures

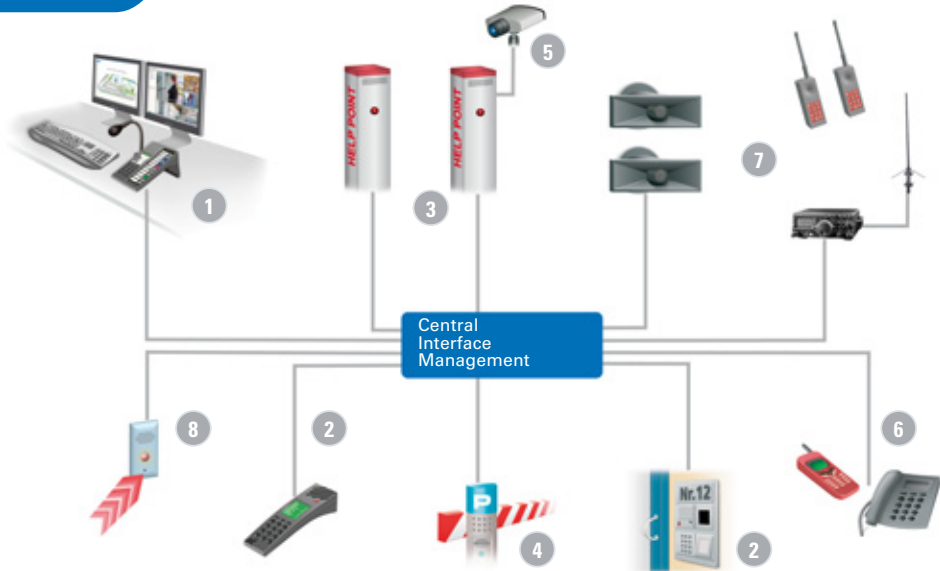
infrastructural investments have a long working life, even if locations, functions and capacities are expanded. The system's configuration is determined by the ergonomics for users and security personnel, thus also influencing effectiveness in installation and operation, regardless of architectural and local conditions.

Security Intercom System Overview

Single Properties.

Affordable, custom built equipment, rapid response, mobile and efficient use of human resources:

1. **Central control desk** with visual display of all voice, image and data flows
2. **Wide range of intercoms** suitable for doors, gates, working areas
3. **Custom combined terminals** for enquiries, emergency calls and public announcements – robust, architecturally suitable and easy to operate
4. **Intercom modules** providing excellent voice reproduction for turnstiles, personnel locks, car park barriers, lift panels, etc.
5. **Video integration** – automatic camera feeds
6. **Call forwarding and re-routing** to telephones or external services
7. **Integration of radio and PA systems** for efficient risk and danger management – from simple information announcements to the evacuation of premises and

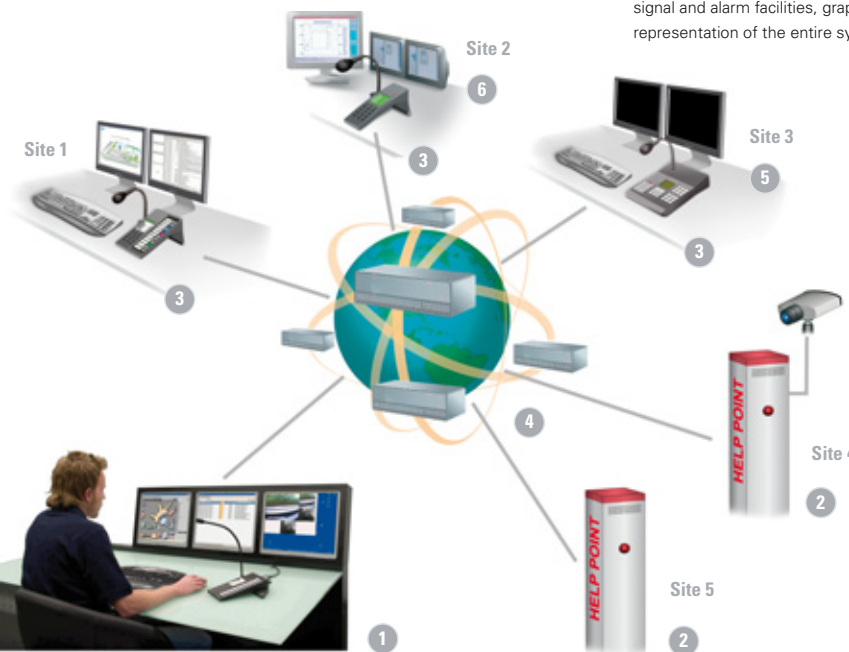


coordination alongside rescues and emergency services

8. **Audio monitoring** for acoustic call triggers

Location Networks.

Several locations can be served and observed from a central control console: High degree of integration, monitoring and control of all integrated signal and alarm facilities, graphic representation of the entire system:



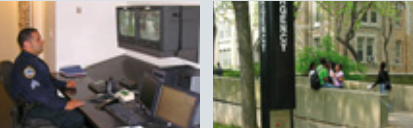
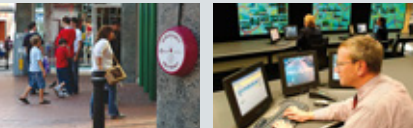

1. **Centralisation** of all control and monitoring functions in one superordinate console
2. **IoIP* (Intercom over IP)** for connecting up intercom terminals
3. **Monitoring and control** of all signals and alarms in the network
4. Integration of locations into **security networks of any size** via ISDN, 2-wire cable, E1 or IP
5. **Manning** of individual locations can be **adapted to requirements**; 24 hour attention becomes economically viable for all integrated facilities
6. **Downward and backward component compatibility** allow several generations of technology to be integrated into a single system

Security Intercom – a brief overview.

Core Functions	Key Benefits
<p>1 Interactive personal support and control for people in areas that need to be guarded</p>	<ul style="list-style-type: none"> ⋈ Rapid response to questions and threats (100 ms call connect time) ⋈ Audio monitoring function with automatic emergency call setup ⋈ Problem-free ID and authorisation checks via audio-visual contact and recording
<p>2 Fusion of video systems, audio monitoring and facility management technology</p>	<ul style="list-style-type: none"> ⋈ Natural communication guarantees optimal flow of information ⋈ Flexible use of human resources due to call forwarding ⋈ Combination of audio and video information brings fast, correct reactions to actual situations
<p>3 Integration of radio and PA systems for efficient operations management in case of emergencies</p>	<ul style="list-style-type: none"> ⋈ No need to hassle with different controls ⋈ Simplicity of the user interface reduces need for trainings ⋈ From simple information announcements via the PA system to evacuation procedures and co-ordination with rescue teams
<p>4 Variable digital network link-ups, integrated system monitoring</p>	<ul style="list-style-type: none"> ⋈ Measure plans, e.g. check-lists or general information, help the operating personnel to keep an overview ⋈ Advanced networking capabilities provide a consolidation of security control, including control to and from remote sites ⋈ Automatic, proactive response to technical problems

Different requirements, one supplier

Commend International systems fit for a great variety of businesses, institutions and companies. This small selection of examples illustrates the immense scope of demands made on our systems:

Case Study	Short description
<p>Campuses</p> 	<p>In times when Campus Security is increasingly challenging, it is more important than ever to utilize available state-of-the-art tools to help protect campus employees, students, guests and residents. Commend emergency communication and notification systems connect internal security staff with the scene of event and ensure the protection of people, buildings and values. A great variety of masterstations, control desks and help point designs guarantees a perfect solution.</p>
<p>Town Centres</p> 	<p>To provide peace of mind to the general public in town centres and other public areas. Help Points can have the dual functionality of being a point from which to request information as well as calling for emergency assistance. Help Points are used in green spaces, river banks, beach fronts, remote locations, housing estates, in fact any open area where a member of the public may need to gain assistance, information or reassurance.</p>
<p>Plant Security</p> 	<p>The communication technology for security in companies and institutions of all sizes. By means of access control, room surveillance, assignment coordination and much more... Security Intercom is not only very reliable but also very discrete. In production or office areas, the gatekeeper's lodge, plant protection centres... in short, in all places where perfect surveillance enhances security.</p>

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