

Industrial Premises

Security and Communication



Security and communication for industrial environments

Optimised communication systems for challenging requirements

Commend systems are essential in meeting highly demanding requirements. Communication equipment must not only be reliable, robust, weatherproof, impact resistant, and explosion protected – it must also comply with certified standards. High availability is a top priority in all areas, from user Intercom stations to Control Desks, including the network lines that connect them. The entire system must ensure consistent security anywhere, any time. In addition, it must enable instant response to emergencies and allow for an uninterrupted flow of information.

The Challenge

How can a customer find their way around quickly and easily to get to a specific person on the premises?

How can employees gain entrance at the gate if their staff permit doesn't work?

Can employees receive targeted information at the meeting points in case of an evacuation?

Can you provide smooth, easy-to-use communication for lorry drivers at entrance and exit gates?

Are you able to handle and coordinate all of these scenarios through the same system?

The Solution

Once they have registered at the factory gate, they can take advantage of the touch screen Intercom stations with intuitive user interaction to talk to the person they are looking for, and see on-screen how to get there.

They simply initiate a video/voice call to the works security desk from the entrance gate. Once they have been properly identified, security staff can open the gate remotely so they can enter.

Intercom stations with add-on loudspeakers at the meeting points allow employees to receive and request current information. Once the emergency situation is over, they can return to their work area without delay.

eHD audio quality ensures that your voice gets through crisp and clear even in case of loud background noise.

Thanks to their multi-functional capabilities, Commend Intercom systems enable you to handle all communication processes on the same uniform platform. Individual customisations can easily be configured or implemented on demand.

Commend – the secure communication network for any

Oil and gas rigs, refineries, fuel distribution depots, heavy and light industrial facilities, gas and water works – they all need basically the same kind of high-quality communication, video and control systems for use in extremely harsh application environments. Each installation must be tailored to the specific operational and security-specific characteristics of its industry.

Warehouses and workshops



Full-coverage Public Address for information and danger alerts. Interface to third-party systems (CPH system).

Production area



Noise, safety requirements and extreme temperatures require robust communication terminals that deliver clear, easily intelligible voice connections, even in highly dangerous areas.

Help Point / Emergency Call Station



Disabled-friendly information request and emergency call are provided rescue shelters and meeting points. They are built into System Columns with storage space for first aid and rescue equipment (e. g., defibrillator).

Gates for heavy-duty and personal vehicles



Barrier gate with built-in video Intercom for heavy-duty and personal vehicles. Background noise suppression enables clear, high-quality communication with front gate.

Front gate / reception area



Master Station for receiving calls from entrance/exit gates and outdoor access points. Enables control of gates, turnstiles and doors, communication with visitors at the reception via direct dialling-function.

Integration of IT infrastructures



The first-ever true convergence of Intercom and IT – full Intercom power and ultimate efficiency at low total cost of ownership (TCO).



Explosion-prone areas



Whether in explosion-prone atmospheres, in extreme frost or heat – Ex Intercom Stations by Commend keep the lines of communication open under any conditions.

Integration support for mobile RF radio



Integration of TETRA mobile radio into on-site works communication network. Makes all mobile staff (e. g., crane or fork-lift operators) easy to reach at any time.

Labs and clean rooms



Disinfectant resistant Intercom stations enable hands-free communication across the entire works premises. This includes listening-in support for difficult situations at the laboratory, and support of emergency alerts.

Elevator Emergency Calls



Instant, highly available help at the push of a button. The built-in cabin Intercom station comes equipped with self-monitoring and self-testing capabilities, making it maintenance-free and fully compliant with the EN 81 directive.

Visitor management



Visitor guidance, the easy way: Intuitive user guidance with individually configurable user surface, including video support.

Controlled staff access



Video Intercom station with call buttons, space for installation of access readers, turnstile controls, or pedestrian airlocks.

Central Control Station - Works Security



Integrated speech/video transmission and control functions help staff stay on top of things, even in emergencies. Interface to building management and third-party systems. Integration with telephony and mobile TETRA radio.

Security and communication for industrial environments

The communication platform to provide smooth, secure workflows.

Where employees have to wear protective suits, helmets or ear protection, communication networks must keep up with the harsh conditions and difficult situations. Commend Intercom stations are designed specifically to withstand extreme temperatures, moisture and dirt, providing clearly intelligible audio communication even in areas with deafening ambient noise. This way, they contribute significantly to enhanced work safety and smooth process workflows at production facilities.



Secure communication systems by Commend

Can you imagine a system that millions of people rely on every day, where every word has to count? This is the world of Commend! Secure, reliable communication is our passion.

As global market leader with over 40 years' experience in developing voice technology, we have integrated video and interfaces to third-party equipment that complies with international norms and standards. Commend is the natural choice for hands-free voice communication systems all over the world.

“ *The Commend solution has allowed us to replace the obsolete system that consisted of individual insular solutions with a uniform, multi-functional unit that offers efficient central operation and is very easy to use. It makes work much easier for me and, best of all, it generates a measurable added value for our business every day.*

Thomas Hounder

Head of Technical Maintenance at Albula-Landwasser Kraftwerke AG, CH

Real life still makes for the best stories

How do Commend solutions cope with the tough real-life communication and security challenges at thousands of locations all over the world? Real-life answers to this question are provided by the many case studies on customer projects. They are available as downloadable PDF files in German, English and local languages.

Your local Commend contact person will be happy to answer any further questions regarding individual solutions.



The sheer volume of data required for monitoring and controlling our facilities is huge. By now it takes up more than a hundred servers. Virtualisation helps us to save hardware, operating costs and space. At the same time it ensures the high level of fail safety that we rely on.

André Döring

Head Technician for Technical IT Services at Mannstaedt GmbH, Germany

Projects

Grasree Mine, Australia

Slovakia Steel Mills

Albula-Landwasser Power Plant, Switzerland

Slovnaft Bratislava, Slovakia

A strong network. WORLDWIDE

Commend is represented the world over by local Commend partners to provide enhanced security and communication with tailored Intercom solutions.

ALGERIA AUSTRALIA AUSTRIA BELGIUM BRAZIL CANADA CHINA CROATIA CZECH REPUBLIC DENMARK FINLAND FRANCE GERMANY HUNGARY ICELAND INDIA IRELAND ISRAEL ITALY LIECHTENSTEIN LUXEMBURG MOROCCO NETHERLANDS NEW ZEALAND NORWAY POLAND PORTUGAL RUSSIA SERBIA SINGAPORE SLOVAKIA SLOVENIA SPAIN SOUTH AFRICA SWEDEN SWITZERLAND TUNISIA UNITED KINGDOM USA

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