ACCESS CONTROL AT DOORS, GATES, AND BARRIERS

IN A NUTSHELL

Via simple key press, visitors can make a call request to the control room or the gatekeeper. As soon as the control room/gatekeeper accepts the call, a full duplex connection is established, allowing both subscribers to speak and listen simultaneously.

Due to the integrated echo cancellation, no acoustic feedback occurs. There is no need to press any buttons during the call, providing convenient hands-free communication. Your hands remain free for other activities.

Live video streams further facilitate access control. This way, the security staff is always aware of who wants to enter the plant premises.

ILLUSTRATION

①

Gate Station

Visitor presses the call request button at the gate station to initiate a call request to the control room. A ringing tone can be heard.

Control room

The call request is visually and acoustically indicated at the control room station. At the same time, the live video stream is displayed.
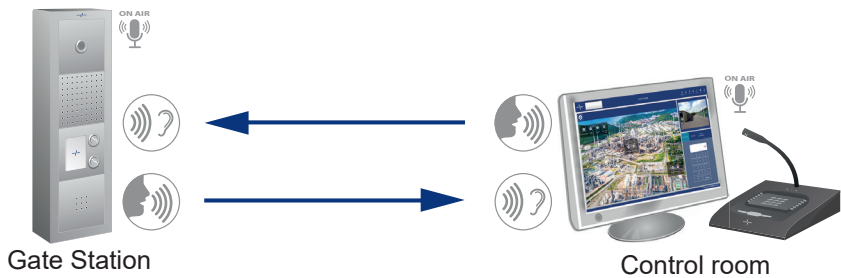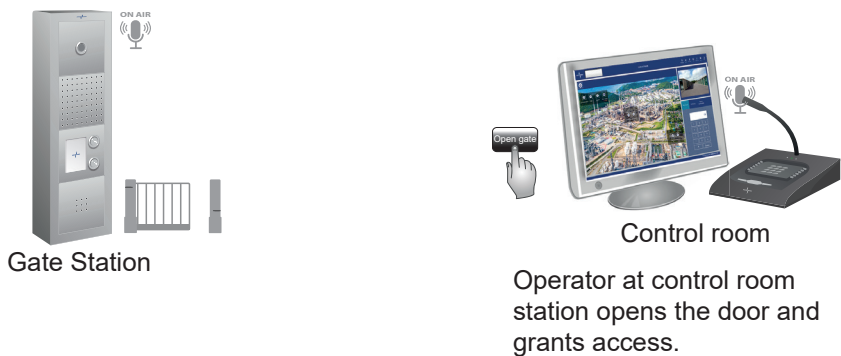
②

Gate Station

Control room

Operator at the control room station accepts the call request.

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③

Gate Station   Control room

The full duplex connection is established. Both subscribers can now speak and listen simultaneously. There is no need to press any other button during the conversation. The hands are free.

④

Gate Station   Control room

Open gate

Operator at control room station opens the door and grants access.

DESCRIPTION

The visitor presses the call request button at the gate intercom station in the entrance area. A ringing tone indicates that the control room is being called. A ringing tone can also be heard in the control room. At the same time the corresponding live video stream is displayed on the control room station.

As soon as the call is accepted at the control room station, a full duplex connection is established, allowing both subscribers to speak and listen simultaneously. The subscribers do not have to press another key during the course of the conversation. The hands remain free for other activities. Due to the integrated echo cancellation no acoustic feedback occurs.

During the conversation, the operator of the control room station can easily open the gate or barrier via keypress.

The voice connection is terminated as soon as the operator at the control room station presses the corresponding Delete key.

APPLICATION EXAMPLES

Access control is often used at gateways and entrance areas. There, visitors must make a call request to the central control room or to the gatekeeper via a gate intercom station. Only after the call has been accepted at the control room intercom station, a voice connection is established.

With live video streams, security staff can visually check who wants to enter the site and grant or deny access.

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CUSTOMER BENEFITS

- Access control with video function at all entrance and access areas
- Security staff has always an overview of who wants to enter the plant premises. Visitors are allowed in, unauthorized people remain outside.
- Convenient hands-free communication via full duplex connection, leaving hands free for other activities.
- No acoustic feedback due to echo cancellation.
- Doors, gates or barriers can be opened easily via keypress.

OPTIONS

Control Lines/Indicators

As soon as a call request has been accepted, control line outputs and/or indicators can be triggered during the conversation. This way, you can e.g. easily open an entrance gate or switch on the lights via keypress.

Accepting Calls in Chronological Order

Several incoming call requests can be accepted in chronological order. For this purpose, the FIFO method (First In - First Out) is used. The call request with the longest waiting time is accepted first.

TECHNICAL DETAILS

Each gate intercom station which is used for placing a call request to a control room station or to a gatekeeper requires only 1 key for the call request.

Call requests can be accepted using INDUSTRONIC intercom stations of any type. These intercom stations require at least the following keys:

- 1 direct call key for each target from which you want to accept a call request. If you want to accept call requests from 5 different targets with your intercom station, you need 5 direct call keys.
- 1 key for each gate, door or barrier to be opened.
- 1 key to terminate the voice connection and thus delete the call request.

At a control room intercom station, several call requests can be indicated and controlled.

Call requests are also stored and can be accepted later.

The video function can only be used in combination with an IP PC intercom station of the NCP series.

RELATED FUNCTIONS

- Call Request Control

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Subject to technical modifications - Doc. no. FDA-330-003-021 • V01 • EN • 18.03.2024

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