2N® Lift1

Affordable emergency communication for every elevator

Why choose 2N® Lift1?

- Option of connection via PSTN/PBX/GSM/UMTS/LTE
- Option of two-way communication between the machine room and the cabin
- Option of adding communication on the roof of the cabin and underneath the cabin
- Fully powered by a telephone line
- USB port and utility software for more user-friendly programming
- 6 telephone numbers for emergencies
- Full support for CPC and P100 protocols

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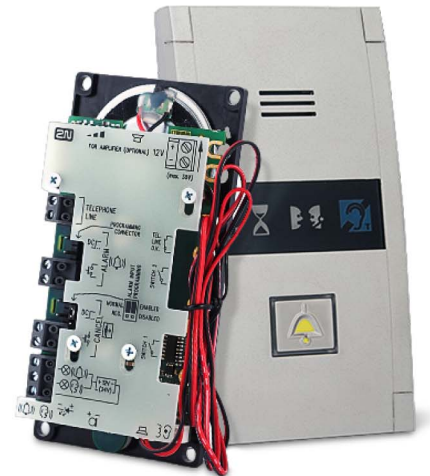# Forget about complicated installation once and for all

Do you need a reliable device to ensure two-way communication from the cabin or machine room of a elevator with a central service organisation? Then you will certainly appreciate the 2N® Lift1 communicator, which complies with all of the requirements of the safety standards EN 81-28, EN 81-70 and EN 81-80.

The 2N® Lift1 device offers the option of setting up and upgrading the system via USB. The option of changing the language version of the voice menu directly from your computer is also worth mentioning.

Apart from communication with the machine room, the 2N® Lift1 can also be supplemented to include a solution for internal communication between the elevator cabin, the roof of the cabin or the area underneath the cabin.

You can also easily connect the lift communicator to a telephone network (PSTN/PBX/GSM/UMTS/LTE) using only a dual-line telephone cable, which also serves as a power supply.

We offer the device in three versions: a version for fitting on the wall (Surface mount), one for fitting behind the control panel of the elevator (COP mount) and one for flush mount.

Accessories

Cabin unit - COP mount
(Order No. 919640XE)

Communication unit to be put behind COP, including loudspeaker, microphone (HandsFree operation), LEDs. Necessary terminals and door opening signal input is also provided.

Audio unit - machine room
(Order No. 919654ESET)

Expanding set for lift machine rooms. Ensures communication to the lift cabin and potential communicator configuration.

Cabin unit - flush mount
(Order No. 918618E)

Anti-vandal version of the audio unit for installation in a lift cabin with a 1.5mm stainless steel cover. The original ALARM button on the lift COP can be easily connected. The stainless steel cover includes the required pictograms and operating instructions.

Cabin unit - surface mount
(Order No. 919645E)

A robust, metal-encased audio unit, provided with an ALARM button of the prescribed size, including backlit pictograms behind hardened glass. It offers easy wall surface mounting with 16-mm thickness only. This surface mount cabin unit is especially suitable for modernizations.

Voice alarm station
(Order No. 913661ESET)

The 2N® Voice Alarm Station audio unit ensures emergency communication from the cabin roof and from the space under the cabin to a pre-set telephone number.

Cabin unit TOC
(Order No. 919631E)

An anti-vandal audio unit, covered by a metal box, can be installed on the cabin roof or under the cabin. It is equipped with a Voice Alarm Station switch for connecting other audio units, both on top of and under the cabin.
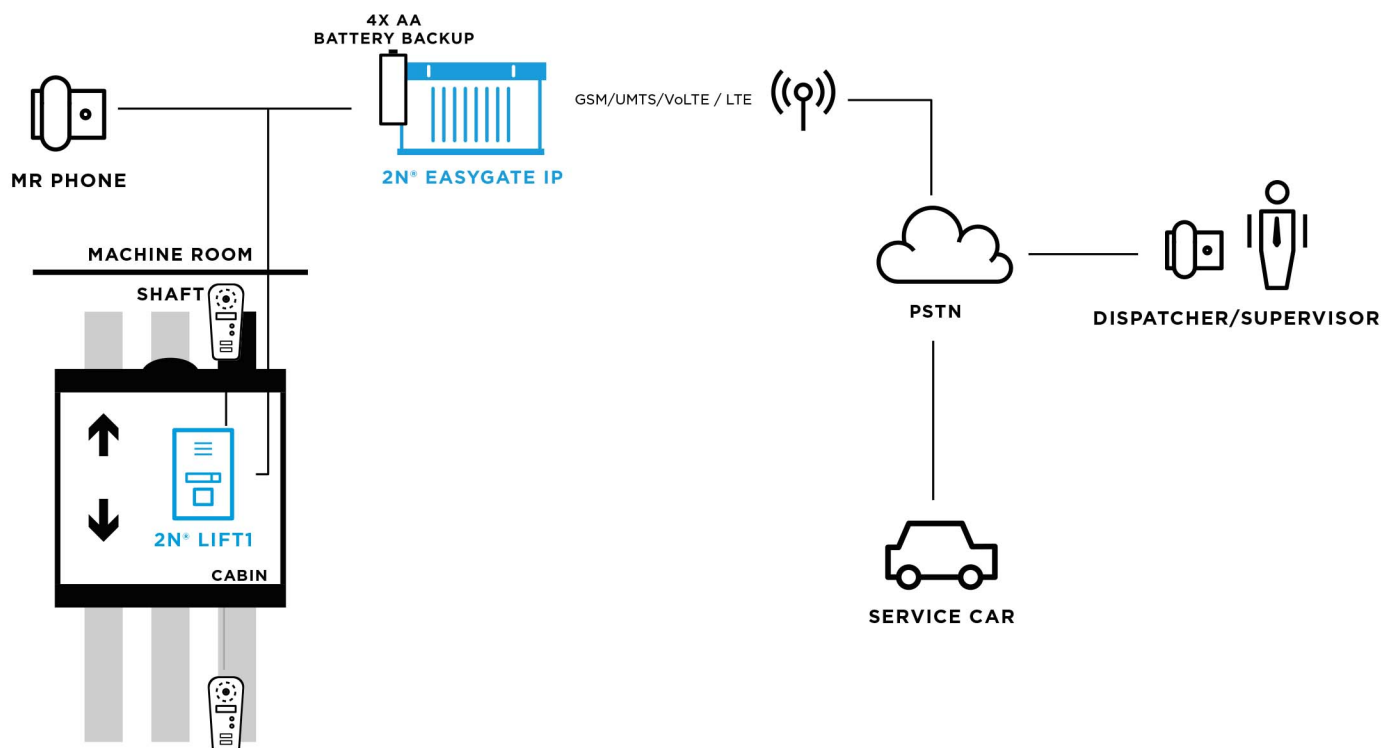
SW Application

2N® Lift1 Service Tool
Simple configuration of the lift communicator

With the aid of 2N® Lift1 Service Tool software, you will be able to completely set up the 2N® Lift1 communicator. The software application can, also be used to perform an upgrade and to change the language version.

The "Configuration" menu includes all of the parameters of the 2N® Lift1 communicator ordered in a clear manner into individual groups. The "Upgrade" menu can be used to easily change the language of the voice menu or to upgrade the firmware to a newer version.

Connection scheme

Technical Parameters

Switch parameters

Minimum voltage	9 V AC/DC
Maximum voltage	24 V AC/DC
Maximum current	1 A AC/DC
Resistance – open	min. 400 kΩ
Resistance – closed	cca 0,5 Ω
Fuse	resettable

Other parameters

Dimensions – Surface mount	65×130×24 mm
Dimensions – Surface mount	100×185×22 mm
Dimensions – Flush mount	85×185×26 mm
Working temperature range	-20 °C to +70 °C

USB

2N® Lift1 USB converter 919680E

Accessories

Programming tool
(Order No. 919680E)

It is a USB tool for connecting 2N® Lift1 with the 2N® Lift1 Service Tool application. It enables configuration, change of voice menu or upgrade of the 2N® Lift1 lift communicator.

2G, 3G, 4G gateway for lifts (Order No. 5023001E)

2N® EasyGate IP represents a new generation of analogue GSM/UMTS/VoLTE/LTE and VoIP ready gateways. It works as a replacement of traditional fixed lines based on outdated analogue technology. This gateway has also cloud management support (2N® Elevator Center). 2N® EasyGate IP configuration enables to program connected 2N® Lift1 communicator using SMS (via CPC protocol).

2N® Elevator Center (Order No. 9137991)

2N® Elevator Center is a cloud platform which allows automatic configuration, bulk management and real-time monitoring of your emergency communication solution. When you connect 2N® EasyGate IP to the cloud, you will get a large set of features which makes the management quick, easy, and intuitive.

Camera module (Order No. 918622E)

The 2N® Camera module is a surveillance and elevator cabin monitoring device with recording function. This recording medium stores data at pre-set intervals on a memory card and can therefore be of great help, for example, when investigating vandalism in a elevator cabin.

Induction loop (Order No. 919621E)

Ensures communication from elevator for people with hearing impairment. It complies with the requirements of EN 81-70 and can be used with any device emitting an audio signal. Included 4m antenna provides sufficient cabin coverage.

Floor annunciator (Order No. 913305E)

The 2N Floor Annunciator informs people in the lift cabin of the current floor number, the subsequent direction of travel and warns of closing and opening doors or cabin overload. Naturally, it can also play advertising messages. Al l the messages can be played in more languages in sequence.

2N® 2Wire for lifts (Order No. 9159014E)

The 2N 2Wire is a practical converter which allows you to connect any IP device in the elevator cabin. You can avoid the time-consuming and costly installation of a new travelling cable to bring a LAN network and internet to any device into the cabin.