

A woman in a black blazer and white shirt is using a 2N LiftIP 2.0 emergency communicator in a lift cabin. She is holding a blue smartphone to the device. The background shows the interior of a lift with metallic walls and a control panel.

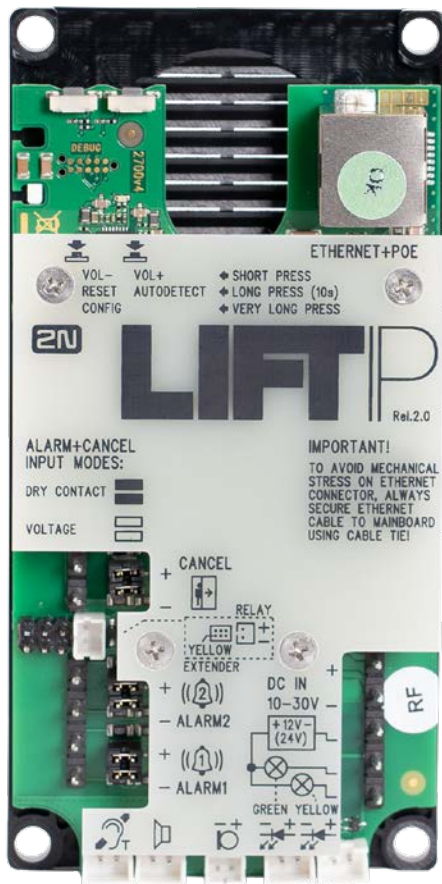
**2N**

# 2N<sup>®</sup> LiftIP 2.0

**The new generation of our SIP-based emergency communicator**

The 2N<sup>®</sup> LiftIP 2.0 is a unique IP-based lift emergency communicator using VoIP technology for transmitting calls from a lift cabin to the call center or control room. IP technology allows you to have the communicator under constant monitoring, manage it remotely and power it via PoE. The option of automatic configuration in the form of predefined configuration templates makes 2N<sup>®</sup> LiftIP 2.0 a truly plug and play solution.

**2N.com**



## Features & Benefits

### 24/7 Monitoring of the availability

Connect the 2N® LiftIP 2.0 to the 2N® Elevator Center and keep it under control 24/7. Once the communicator malfunctions, you will be notified immediately via email or operational call.

### Remote management & configuration

It's easier and faster than ever to change a configuration template, set up or update this IP-based communicator. Connect it to the 2N® Elevator Center and do all this remotely.

### Alarm calls tied to video

If elevator passengers get trapped, the audio call from the 2N® LiftIP 2.0 dialler can be linked to the video feed from an IP camera in the lift. The dispatcher thus has an immediate overview of a situation in the lift cabin.

### Data protection & network security

2N® LiftIP 2.0 meets the very highest security criteria for personal data protection, product security and network infrastructure security.

### Future-proof communicator

2N® LiftIP 2.0 is a smart lift communicator that uses existing IP infrastructure for SIP-based communication. The IP technology enables connection with other systems in the building.

### High-quality audio

Forget about crackling during the emergency calls. VoIP technology ensures instantly connected calls with a full-duplex audio delivering crystal clear sound.

### Different variants

Choose from three communicator variants depending on where you need to install it: on top of the cabin (TOC), hidden behind the panel or flush mount on the panel.

### Onsite or remote calling

2N® LiftIP 2.0 can call to either the reception on a LAN or to a remote call center using the 2N® LiftGate. This smart IoT router supports calls via the WAN port or its integrated 4G dual SIM gateway.


# Variants



**2N® LiftIP 2.0 COP Unit**

fixed  
921640E

cable version  
921640XE



**2N® LiftIP 2.0 COP Unit – Flush mounting**

with button  
921618BE  
921619BE

without button  
921618E



**2N® LiftIP 2.0 TOC unit**

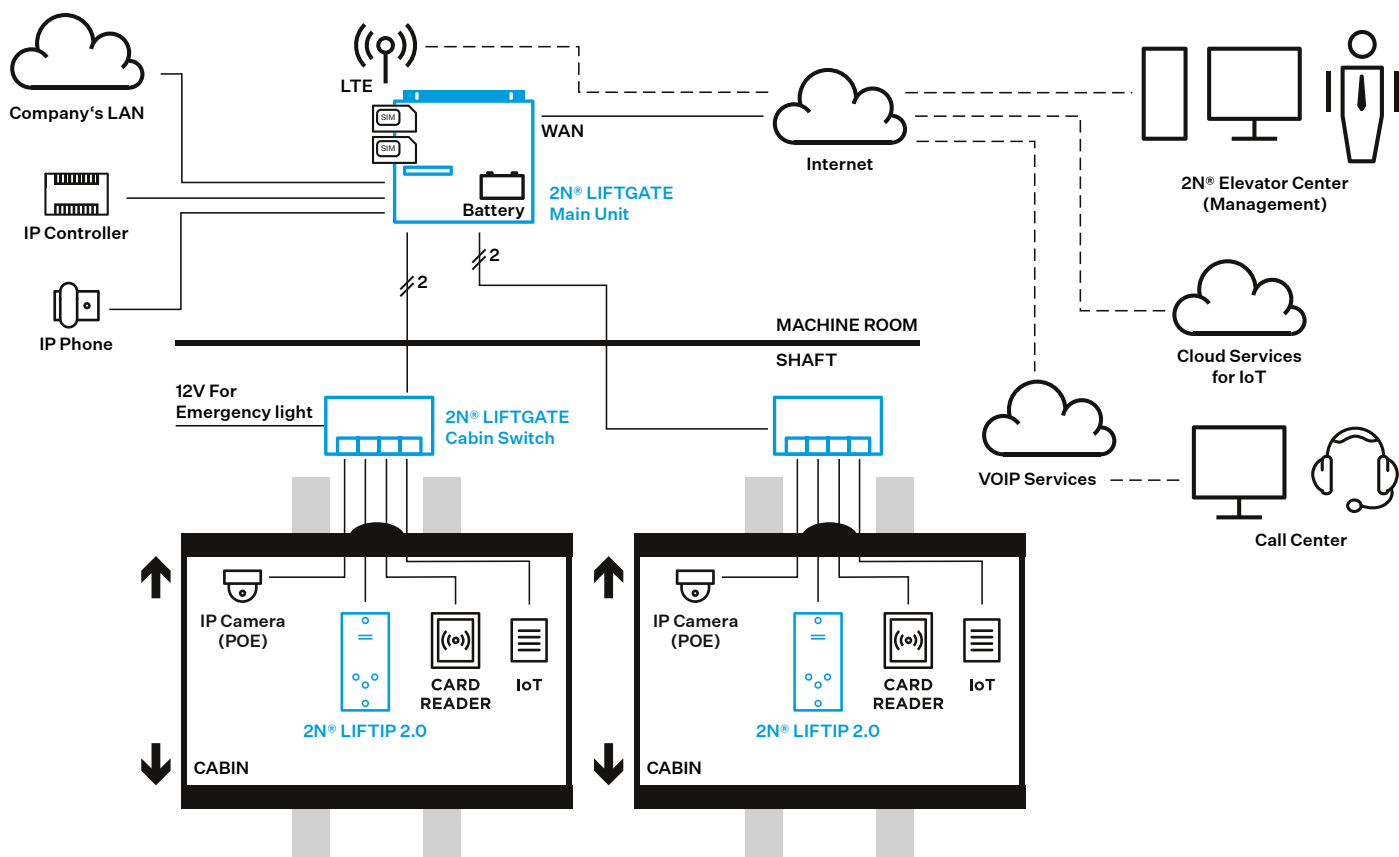
with voice alarm station switch  
921631E

without voice alarm station switch  
921630E

# Standards



# Connection scheme







## Technical Parameters

### Power supply

<b>Voltage</b>	10 – 30V DC (keep polarity) or 48V PoE 802.3af
<b>Consumption</b>	maximum 3.5W max. 2 W with integrated speaker; max. 3.5 W with external 4 Ω speaker (not included)

### ALARM and CANCEL voltage input

<b>Inputs</b>	5-48V DC (keep polarity) NC/NO contacts
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### Audio Parameters

<b>Speaker</b>	Integrated 16Ω / 1W (0.45 W output power), option to increase the output power to 2.3 W by connecting a speaker with 4 Ω impedance
<b>Microphone</b>	Integrated, option to connect an external electret microphone
<b>Audio</b>	Full duplex, G.711 (approx 90kbit/s)
<b>Induction loop output</b>	3.35V RMS / 100 Ω output impedance
<b>Codecs</b>	PCMU, PCMA, G.711 (approx. 90 kbps), L16, G.722 and G.729

### Connection of External Indicators

<b>Voltage</b>	12 – 24V DC, external supply
<b>Maximum current</b>	200mA (100 mA if a bulb is used)

### Other parameters

<b>Operating temperature</b>	- 20 °C – +50°C
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### Dimensions (W x H x D)

<b>921640E, 921640XE</b>	
<b>PCB version</b> (hidden behind the COP)	65 × 130 × 24 mm
<b>921618E, 921618BE</b>	
<b>COP design version</b> (flush mount)	100 × 220 × 26 mm
<b>921619BE</b>	
<b>COP design version</b> (flush mount)	105 × 190 × 26 mm
<b>921640E</b>	
<b>TOC long version</b> (for installation on top of car with Voice alarm station switch)	82 × 257 × 33 mm
<b>921640XE</b>	
<b>TOC short version</b> (for installation on top of car w/o Voice alarm station switch)	82 × 186 × 33 mm

### Warranty

5-years warranty see [https://www.2n.com/en\\_GB/support/warranty-and-repairs](https://www.2n.com/en_GB/support/warranty-and-repairs)