



# 2N® ELEVATOR SOLUTIONS

2N sets the trend for access control systems and elevator communications. We developed the first IP and LTE intercoms in the world. With our products, you know that you are offering your customers modern and long-term solutions. 2N has produced innovative, code-compliant elevator emergency communication solutions for over 20 years. 2N joined the Axis family in 2016 with over 4000 employees in 50 countries and Axis Communications AB of Sweden is part of Canon Inc.



Analog, Digital & IP solutions – 2N’s got what you need:

## 1. Landline (PSTN/POTS) Free Solution with VoIP

Save on fixed line charges and enjoy crystal clear sound. 2N®. A 4G-capable advanced gateway 2N® EASYGATE IP and 2N® LIFT1 range of equipment which includes car station, shaft and machine room units that are converted from analogue to VoIP and deliver high call quality and guaranteed reliable transmission of a DTMF signaling. 2N’s solution uses just the single pair of wires normally allocated to the emergency phone in the trailing cables connecting the controller to the elevator car.



### 2N® EASYGATE IP

EasyGate IP is a new generation of gateway supporting GSM(2G)/UMTS(3G)/VoLTE/LTE(4G) with VoIP SIP protocol over LTE. 2N® EasyGate IP utilizes a rugged (IP43) industrial design with battery backup and offers dual SIM capability making it especially suitable for adverse environments requiring resilience against network or power outages. EasyGate IP can be configured via our 2N®Elevator Center cloud application or SMS service.

### 2N® LIFT1

The 2N®LIFT 1 offers a cost-effective analog range of emergency phone stations for the elevator car, machine room and shaft. 2N®LIFT1 supports CPC and P100 protocols and can be configured locally, or remotely via voice menu (call-in) and SMS service.

### Why to choose the 2N® EASYGATE IP & 2N® LIFT1:

- Cost-effective with easy setup
- Remove fixed line and associated costs
- Automated test calls
- Back-up power supply included
- Online monitoring for gateway
- LTE (4G) likely to remain a dominant mobile network technology
- Reliable DTMF signaling to call center
- Beyond industry standards with extended 3-year warranty





## 2. Digital Modular Solution

A comprehensive multi-elevator communication system, where our two-wire bus makes the 2N® LIFT8 readily installable in any elevator context. This means that when it comes to providing for emergency elevator communications you won't have to trouble with putting in new cabling. 2N® LIFT8 meets all the applicable US standards.

### 2N® LIFT8

Connect up to 8 elevators per 2N® LIFT8 central unit, with 2N® splitter units as needed, and dedicated communication units for machine room, lift shaft, lift car top/bottom and fireman's service plus a snapshot camera module and an I/O module for custom monitoring/signaling are also available.

#### Why to choose 2N® LIFT8:

- Uses just 2-wires in the elevator trailing cables
- Easy installation with a wide range of communication module options
- Beyond industry standards with extended 3-year warranty

## 3. Modern, Secure all IP Solution

Make every elevator car a safe, secure, internet connected space with 2N's unique IP solution. An industry leading solution that delivers VoIP (SIP) emergency calling plus reliable DTMF signaling to call centers as well as consolidating connectivity for elevator monitoring, access control, video feeds, multimedia displays and any other emerging networked devices likely to be deployed. Connection is via LTE (4G) with dual-SIM capability, or local LAN network.

### 2N® LIFTGATE

The 2N® LiftGate IoT gateway will transform a regular elevator into an IP-centric environment and you needn't worry if there's internet (IP) connectivity in the elevator as IP connectivity is delivered using just 2 wires in the travelling cable via a 2N® Cabin Switch. The 2N® LiftGate combines the functions of an LTE router, a backup power supply, a converter (2-wire to IP) and an ethernet 4+4 switch all in one unit.

### 2N® LIFT IP

The 2N® LIFT IP emergency phone stations deliver crisp, clear pure VoIP plus DTMF support (CPC and P100 protocols) through to the call center.

#### Why choose the 2N® LIFTGATE & 2N® LIFT IP

- IP connectivity over 2-wire in the elevator trailing cables
- Possibility of video-audio stream combination
- Varied configuration access options including cloud
- Extended 3-year warranty

### Bespoke Software Solutions:



**2N® Elevator Center**  
Centralized management and monitoring of IP elevator devices



**2N® Call Center**  
Effective monitoring of alarm and control calls from the lift

### Certifications & Compliance:



#### US Distributors:



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