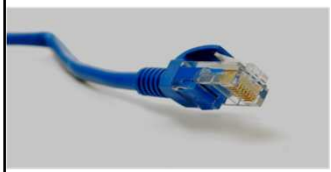
2N® Elevator Emergency Communication Systems

Curent trends

- Need of IP in very near future
- Building intelligence integration
- NGN - next generation networks
- Using one line for more purposes
  - voice calls, video, elevator monitoring
- New modernization law being implemented

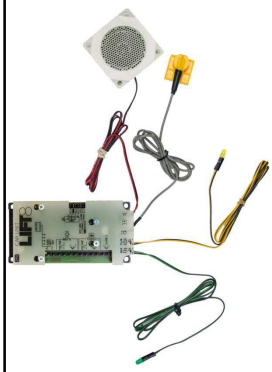


Lift8

A complete solution for group of elevators with PSTN/GSM/3G/IP connection interface

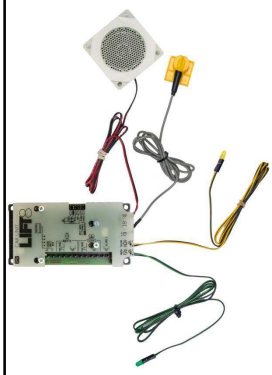
- Compliant with EU standards (EN 81-28, 70)
- TÜV certified

Benefits



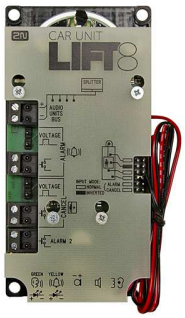
- 2-wire bus-bar in shaft
- Modular
- PSTN/GSM/3G/IP solution
- CPC & P100 protocols supported

Benefits

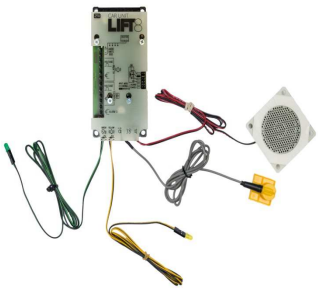


- 8 elevators sharing 1 line
- 5 communication units in 1 shaft
- Conference call between units
- Fire fighters solution

Cabin units

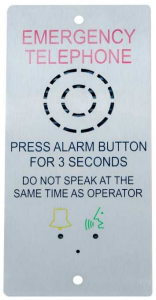


COP unit



COP unit – cable ver.

Surface mount



Flush mount

Communication units

Top , bottom of the car or pit unit

Machine room unit

Fireman unit

Expansion modules

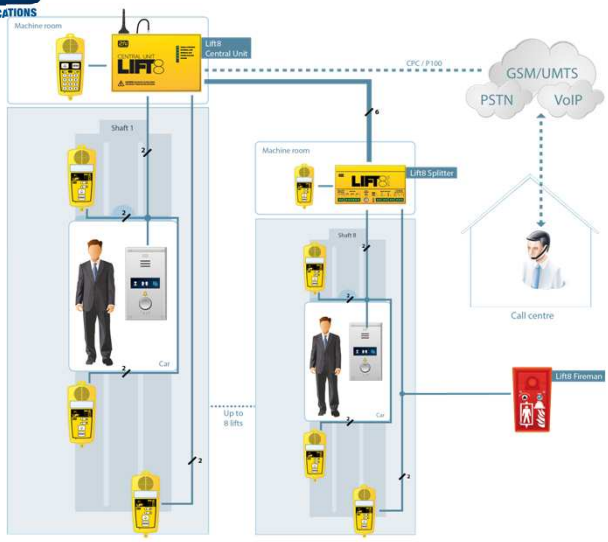
I/O module

4 inputs and 4 switchable outputs

Camera module

connects any IP camera

Typical installation



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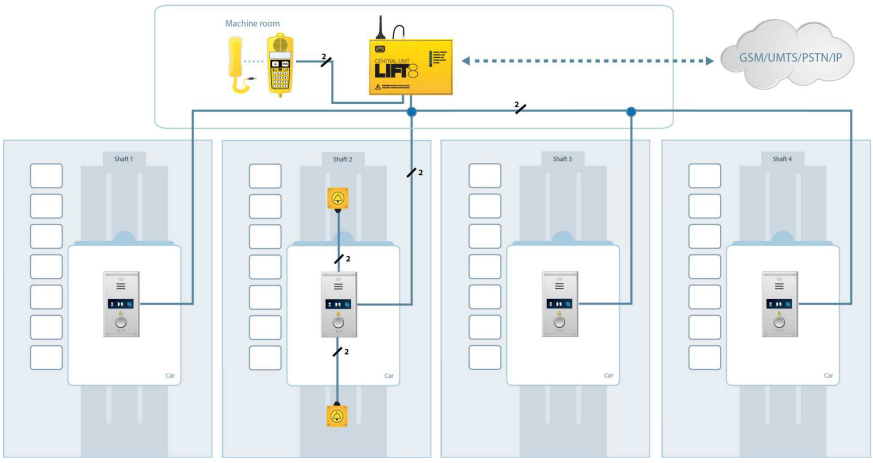
Cost saving



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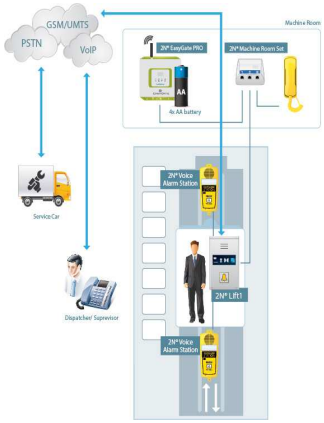
Lift1

Basic emergency calls device



- EN 81-28, 70 compliant
- MR communication
- car top and bottom communication unit
- CPC and P100 support
- Call in, USB (Win & Android), SMS configuration

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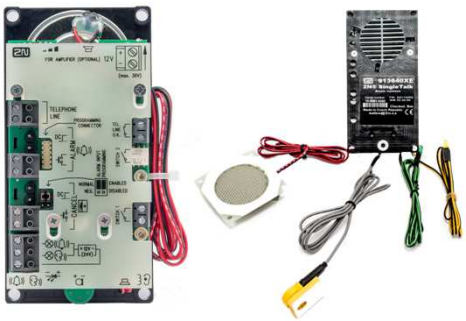
Lift1



COP unit

wired microphone, speaker and LEDs or fixed to an electronic board

Compact / flush mount unit

Antivandal solution for modernisations

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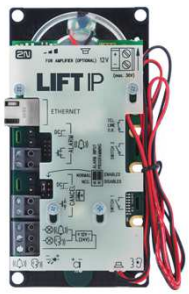
Lift1

Machine room set

Top and under the cabin set

Lift IP



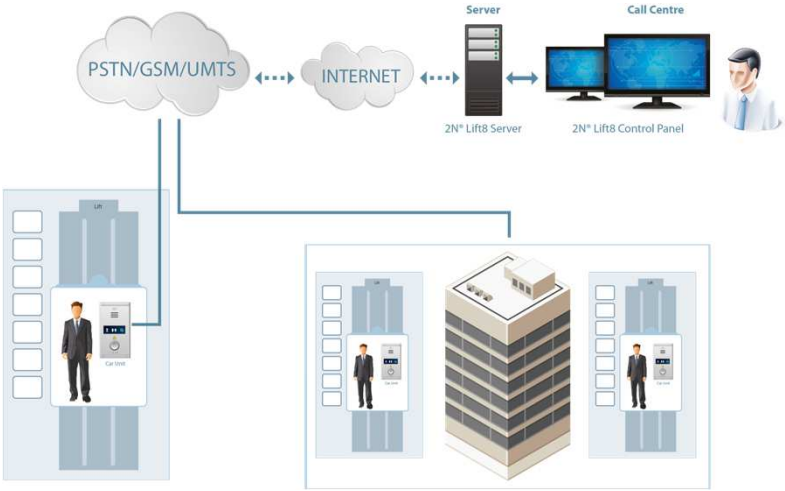
- Full IP solution
- Single elevator communicator
- Can be used in cabin, shaft, landing floor, etc.
- Ethernet connector right on cabin unit
- Available Q1/2016

Call centre and monitoring

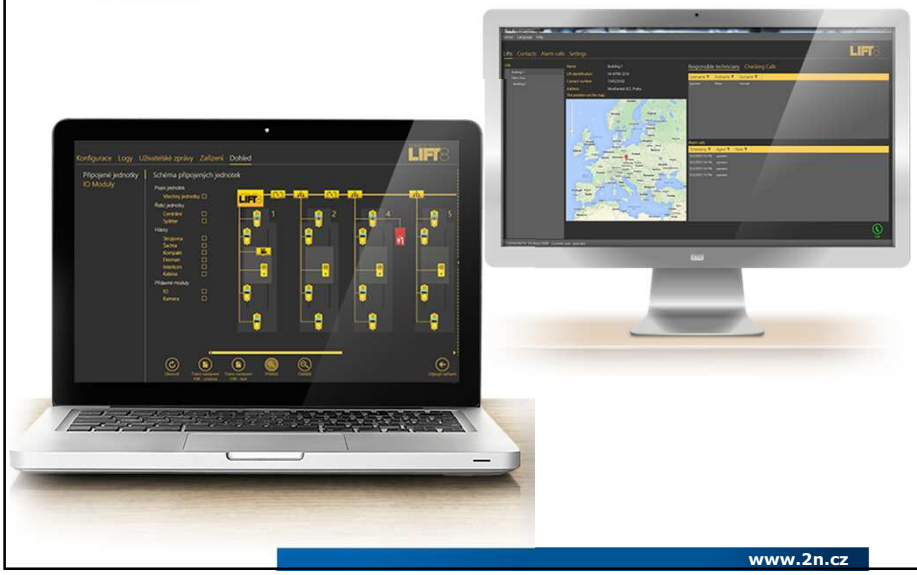
Features:

- Alarm and checking calls management
- Database of all intercoms and users
- Remote set-up & FW over the air
- Google maps support
- SIP based solution

Call centre and monitoring



Call centre and monitoring



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GSM/3G Gateway

- Fixed line replacement
- Plug & Play
- Cost saving
- Integrated battery backup

- Tailor made for

OTIS A United Technologies Company	REM5
KONE	KRM
ThyssenKrupp Elevator	TELESERVICE

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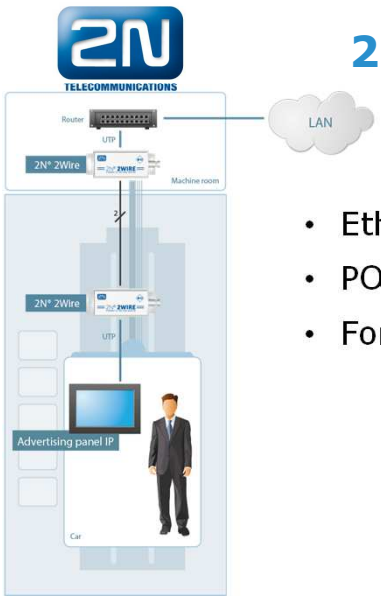
Induction loop

- Induction loop with amplifier
- Suitable for every elevator
- EN 81 – 70 compliance
- Car roof antenna as accessories
- 1 – 2 m2 lift cabin coverage

Floor Annunciator

- Floor annunciation in several languages
- Messages of different types:
  - Direction of movement
  - Opening and closing of the door
  - Cabin overload etc.
  - Commercial messages

2 Wire



- Ethernet over 2 wires solution
- POE for device in the cabin
- For all ethernet in the cabin needs

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Our customers

OTIS
A United Technologies Company

Schindler

ThyssenKrupp Elevator

KONE

PRYSMIAN

Draka

SCHMITT+SOHN AUFZÜGE

Coopman
Orona

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Thank you

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