elefone

OPEN THE DOOR TO INNOVATION

ELEVATOR SYSTEMS - Emergency communication devices for any lift.

3G Dual Sim GATEWAY

2N® Easygate Dual Sim is light weight, compact & quick to install. Designed for the lift environment & to connect Australia's elevators to the digital network, due to the nbn™.

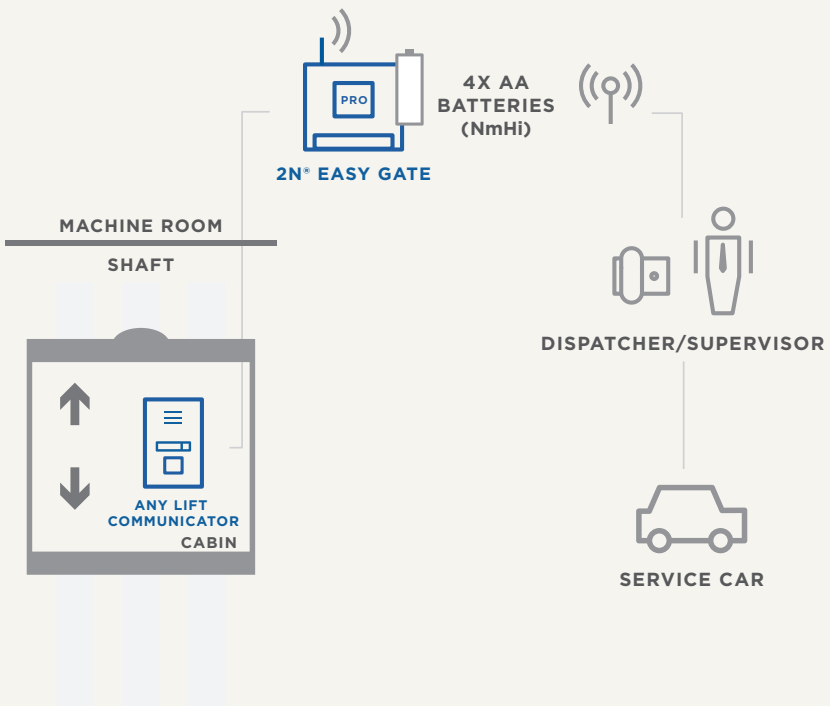
Dual Sim Gateway

Item No. 5013681LAU

- RCM approved
- Repsonsible Supplier No. E7158
- Self testing & reporting in accordance with EN: 81-28
- Land-line & nbn™ replacement
- Easy installation external fixing bracket
- Monitoring by SMS report
- Easy battery replacement

3G Dual Sim GATEWAY

Installation



Technical Specifications

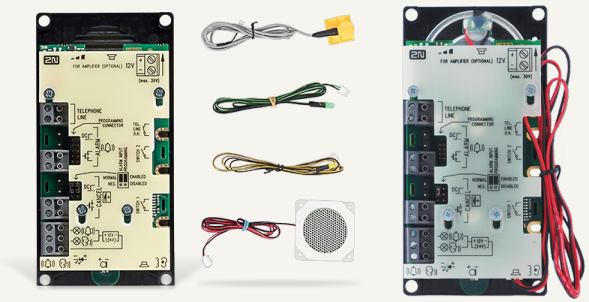
UMTS model	
UMTS networks	Compatible with all Australian networks
Data	HSDPA 3.6 Mbps, WCDMA, EDGE, GPRS
SIM cards	3 V and 1.8 V
Antenna	
Connector type	Plug In Type Screw Terminal Connector
Impedance	50 Ohms
Line interface	
Interface type	Two-wire, FXS for phone or external PBX line
Connector type	RJ12, 6/2
Supported modes	DTMF and pulse
Power source	
Power unit supplied with the gateway	(12 V/1 A)
Option to connect an external 10 - 16 V DC power source	DTMF and pulse
Batteries	4x2700 Ah Up to 10 hours backup
Backup power using 4×AA batteries	16/12 kHz
USB Interface	
Configuration and upgrade using PC Manager UNI	200 mA
Other	
Dimensions	163×157×38 mm
Operating temperature	0°C – 45°C
Operational status signalling	4×LED (on, network, line, data), LED indicator – signal strength/battery status

Lift1 Emergency Elevator Telephones

Precision communication products for safety of passengers and lift technicians.

Fully powered over phone line/via gateway

RCM approved



Lift1 CABIN UNIT COP

COP version - Internal Speaker & Microphone
Item No. 919640AU

COP version - External Speaker & Microphone
Item No. 919640XAU

Lift1 CABIN UNIT SURFACE MOUNT

With button
Item No. 919645AU

Without button
Item No. 919645WBAU

Lift1 CABIN UNIT TOC

With Voice alarm station switch
Item No. 919631AU

Without Voice alarm station switch
Item No. 919630AU

Lift1 CABIN UNIT FLUSH MOUNT

With button
Item No. 919618BAU

Without button
Item No. 919618AU

Lift1 VOICE ALARM STATION SET

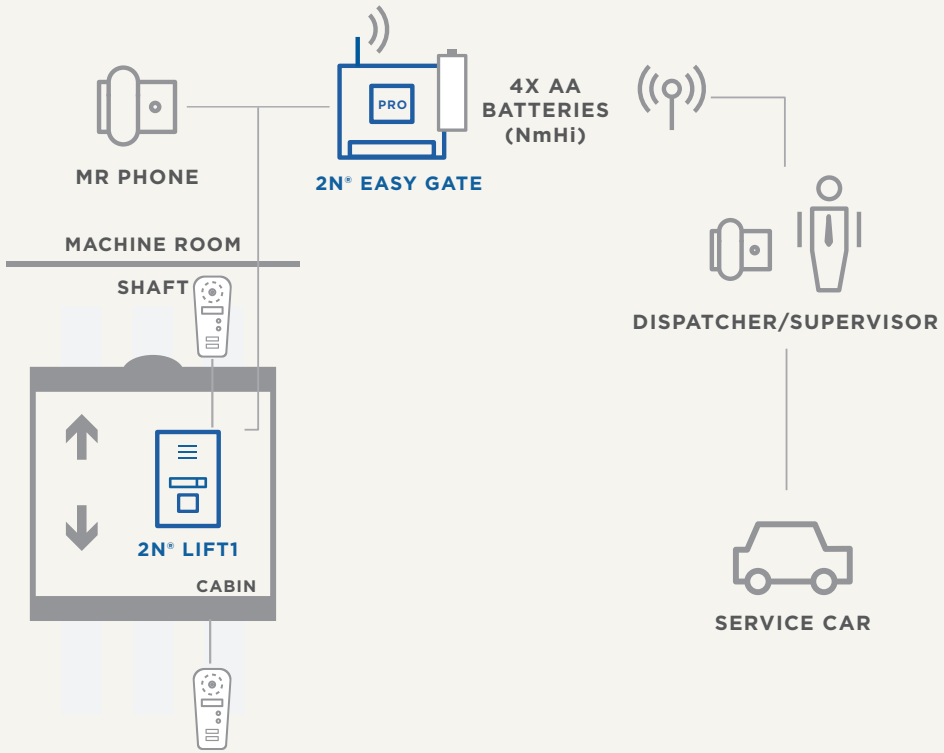
For top and under cabin
Item No. 913661ESET

Lift1 MACHINE ROOM STATION SET

Machine room unit
Item No. 919654ESET

Lift1 Emergency Telephones

Installation



Technical Specifications

Electrical parameters	
Minimum line current	15 mA, off the hook
Minimum line voltage	22 V, on the hook
DC voltage drop in the off the hook state	< 9 V, I = 20 mA, < 12 V, I = 50 mA
Resistance on the hook	1 MΩ >, U = 25..100 V
Impedance off the hook	220 Ω + 820 Ω paral. 115 nF, 15 to 60 mA
Attenuation	> 14 dB, 15 to 60 mA
Bandwidth	300 to 3500 Hz, 15 to 60 mA
Impedance while ringing	> 2 kΩC = 0.47 µF, 25 to 50 Hz
Ringtone detection sensitivity	10 to 20 V, 25 to 50 Hz
Pulse dialling	40 / 60 ms
Tone-dial levels	-9.0 +2.0/-2.5 dB and -11.0 dB +2.5/-2.0 dB, 15 to 60 mA
Power surge protection – differential between A, B leads	1000 V (8 / 20 µs)
Note Any ringing sequence is acceptable	
Switch parameters	
Minimum voltage	9 V AC or DC
Minimum voltage	24 V AC or DC
Maximum current	1 A AC or DC
Resistance – open	min 400 kΩ
Resistance – closed	approx. 0.5 Ω
Fuse	resettable
Connection of external indicator elements	
Power supply voltage	12-24 V DC, external source
Maximum switching current	200 mA
Other parameters	
Dimensions of the Universal implementation	65×130×24 mm
Dimensions of the Kompakt implementation	100×185×16 mm
Operating temperature range	-20°C – 70°C

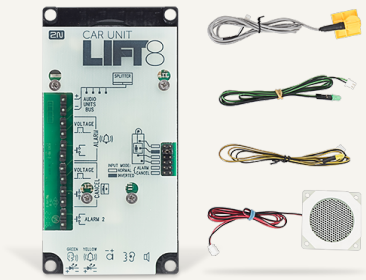

VOICE ALARM
STATION
2N
PRESS
TO CALL
STOP

Lift8

A highly modular lift communication system, where the two-wire bus makes the Lift8 readily installable in any lift context.

This means that when it comes to installing emergency lift communications for multi lift buildings, new cabling is not required.

- 2 wire bus in shaft including power
- Comprehensive, modular, expandable
- Wide range of communication interfaces



Lift8
CABIN UNIT COP

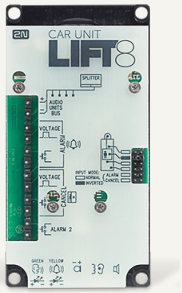
COP version - fixed
Item No. 918600E

COP version - wired
Item No. 919640XE

Lift8
CABIN UNIT
SURACE MOUNT

With button
Item No. 918613E

Without button
Item No. 918613WBE



Lift8
MACHINE ROOM PCB

For MRL elevators
Item No. 918619E

Lift8
CABIN UNIT
FLUSH MOUNT

With button
Item No. 918618BE

Without button
Item No. 918613WBE

Lift8
MACHINE ROOM UNIT

MR unit + programming
Item No. 918611E

Lift8
SHAFT UNIT

Top, under cabin or pit
Item No. 918612E

Lift8
SHAFT UNIT
ANTIVANDAL

For heavy duty environment
Item No. 918617E

Lift8 SPLITTER

Shaft extender
Item No. 918620E

Lift8 I/O MODUL

For easy lift monitoring
Item No. 918621E

Lift8
CAMERA MODULE

For visual alarm confirmation
Item No. 918622E

Lift8 PICTOGRAM CONTROLLER

External pictogram driver
Item No. 918655E

Lift8 VOICE ALARM STATION SET

For top and under cabin
Item No. 913662ESET

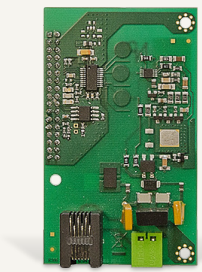
Lift8
CENTRAL UNIT

Item No. 918600E

Maxi
Item No. 918601E

Communication interface

Monitoring interface

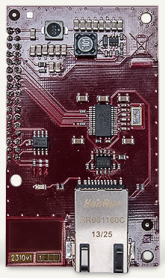


Lift8 PSTN

Item No. 918652E

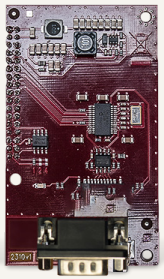
Lift8 UMTS

Item No. 918651E



Lift8 VOIP

Item No. 918653E



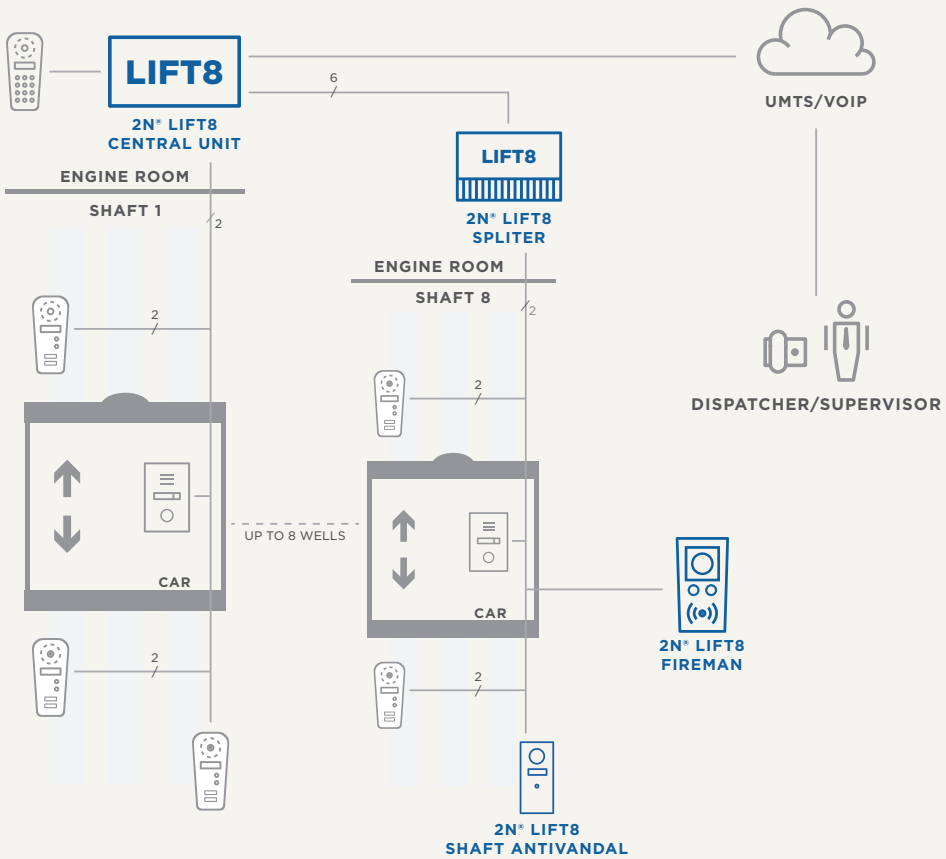
Lift8 RS232

Item No. 918654E

2N®Lift8 IP

Item No. 918655E

Installation



Technical Specifications

Central unit

Power	100 - 240 V; 50/60 Hz; 0.75 A; 60 W max.
Backup power supply	Built-in lead acid battery
Connection options	4 reporting units + 7 splitters + 8 I/O modules
Maximum distance between the splitters	100 m
Control-room connection interface	UMTS / VoIP
Configuration and monitoring	Voice menu / USB / remote
Status indicators	5× LED, three-colour
Dimensions and weight	300×170×72 mm, 2.7 kg
Splitter	10 to 20 V, 25 to 50 Hz
Power	24 V from a central or local unit
Capacity	4 reporting units + camera module
Maximum total shaft cable length	600 m
Lift blocker output	Relay, NO and NC contacts
Dimensions	142×98×34 mm
Reporting units	9V AC or DC
Link to splitter	2 wires for power, voice and data
Inputs for buttons and signals	ALARM1, ALARM2, CANCEL
LED signalling	Connecting, Connection confirmed
Option to hook up an external microphone, speaker and LED	Yes, on the cabin reporting unit
Numeric keypad, system configuration option	Yes, on the machine room reporting unit
Option to connect an earpiece in noisy circumstances	Yes, in the machine room and shaft reporting units
In-shaft visibility	Yes, backlit buttons
I/O Module	200 mA
Power	24 V from a central or local unit
Capacity	4 inputs + 4 outputs
Inputs	Galvanically isolated, 12 - 24 V AC or DC
Outputs	Relay, contacts Normally-Open (NO), max. 250 V, 5 A
Dimensions	142×98×34 mm


Device Language Help
Configuration
Parametres
Cameras
IO Modules
Logs
Player
User Messages
Device
Surveillance
General
Actions
Own script

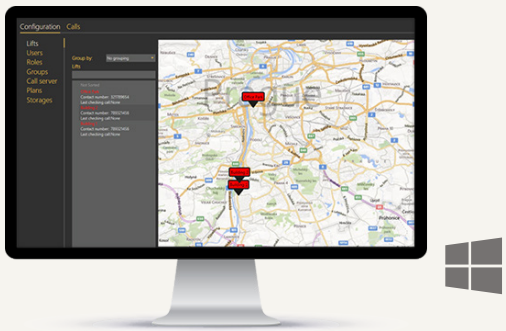
Lift SOFTWARE

Call Centre for Lifts is a software solution for the comprehensive management of emergency lift telephones.

The software will even allow you to handle alarms and control calls. It provides a detailed overview of all your calls from the elevator and the option to archive or export the data e.g. for customer reports.

This software can also be used to receive reports on the status of the line between the Lift 1 elevator emergency phones and the gateway.

- Management of control and alarm calls
- No extra hardware required
- Support for CPC and P100 protocols
- Line check call capability with Lift 1 Emergency Telephones



CALL CENTRE FOR LIFTS

Item No. 918700E

Lift SOFTWARE

Lift8 SERVICE TOOL

The Lift8 Service Tool is software used for local (USB) or remote (IP) configuration of one complete Lift8 communication system (audio messages, additional modules, splitters and I/O modules).

Lift1 SERVICE TOOL

With the aid of Lift1 Service Tool software for **Windows Professional**, you will be able to completely set up the Lift1 emergency telephone. In addition, the software application can be used to configure & install an upgrade.

INDUCTION LOOP FOR LIFTS

Emergency lift communication for the hearing-impaired.

The Induction Loop is an inductive loop that delivers audio to the lift-cabin interior, where it transmits the sound to hearing aids with a built-in inductive sensor.

The induction loop is an indispensable assistant in resolving emergency communications from inside the lift for hearing aid users.

- Connect to any lift communicator
- Take advantage of two independent audio inputs
- Cover the lift space with a signal for the hearing-impaired

INDUCTION LOOP
AMPLIFIER WITH ANTENNA

Item No.
919622E

Lift ACCESSORIES

2Wire – Ethernet 2 wire convertor	9159014E
Emergency button under/or top of the cabin	918690E
Floor annunciator	913305E
External microphone 1 m	913627E
External microphone 3 m	9136273E
External speaker 1 m	913625E
External speaker 3 m	9136253E
External LED's 1 m	913620E
External LED's 3 m	9136203E

Certification

ACMA approved

Responsible Supplier No. E7158
AS/NZS 60950.1.2011 A1:1.2012
AS/CA S002:2010. A1:2012
AS/CA S003.1:2010. A1: 2012
AS/CAQ S004: 2013
AS/CA S042.1: 2015
AS/ACIF S042.3: 2005
AS/CA S042.4: 2015

TÜV SÜD Certified

All emergency communication products are certified by TÜV SÜD Czech. The TÜV certifficates confirm compliance with EN81-28, EN 81-70, EN81-72 and EN81-80.

Authorised 2N Partner

ELEVATOR NORMS

EN 81-28 – Emergency calls. The purpose of this standard is to improve communication in emergency situations in elevators.It eliminates the risk of passengers being entrapped due to malfunctions in elevator installation.This is accomplished by fitting all elevators with an emergency call system. This alarm system must be capable of establishing a two-way voice communication between people in an elevator cabin and a remote emergency (rescue) service. The EN 81-28 standard thus applies to all new and modernized elevators.

EN 81-70 – Barrier free elevators. EN 81-70 defines the minimum requirements for safe independent access and use of elevators by all passengers, including those with disabilities. It provides guidelines on how to best improve the accessibility on the approach to elevators, within elevator cars and while exiting elevators. This standard allows people with reduced mobility (pushchairs, wheelchairs, walking aids, etc.) or other disabilities (mental disability, sight and hearing impairment, etc.) to enter elevator cabins easily and operate elevators without limitations.

EN 81-72 deals with the significant hazards, hazardous situations and events relevant to firefighter elevators installed mostly in new buildings. They are primarily intended for use by passengers and thus may be used for firefighting and evacuation purposes under direct control of firefighters. These elevators can only operate within a protected environment. They are designed with additional protection, controls and signals enabling rescue from inside or outside elevator cars in case of fire.

ELEVATOR NORMS

EN 81-20

EN 81-20 replaces the EN 81-1 standard and specifies the emergency call system requirements in greater detail. Lifts must now be equipped with additional communication units. Additional equipment must be installed with the ALARM system under the EN 81-28 standard to allow a person trapped in the shaft to place an emergency call. This must be accessible from locations where the risk of a person being trapped exists.

EN 81-71

EN 81-71 – Vandal resistant elevators. The EN 81-71 standard defines the testing methodology and classification of elevators according to their vandal resistance. It entails special protective measures and security rules against acts that may result in damage to elevators or injury to passengers. Furthermore, this standard provides guidance to building designers, customers, etc., and requirements for design in projects requiring additional security in order to protect against the risk of vandalism.

EN 81-80

EN 81-80 – Elevator modernization / hazard analysis. EN81-80 SNEL (Safety Norm for Existing Lifts) improves the security of existing passenger and goods passenger elevators. The aim is to match the level of safety achieved by newly installed elevators. This standard defines rules for improving safety of existing elevators based on risk assessment and categorises various hazards and hazardous situations. It also lists corrective actions that can be implemented to progressively improve safety.

ELEFONE MONITORING PTY LTD

www.elefone.com.au

02 8860 9552

admin@elefone.com.au

Level 5, Nexus Building,
4 Columbia Court,
Norwest, NSW 2153 Australia

Access 2019 Edition 1