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## 1 Overview

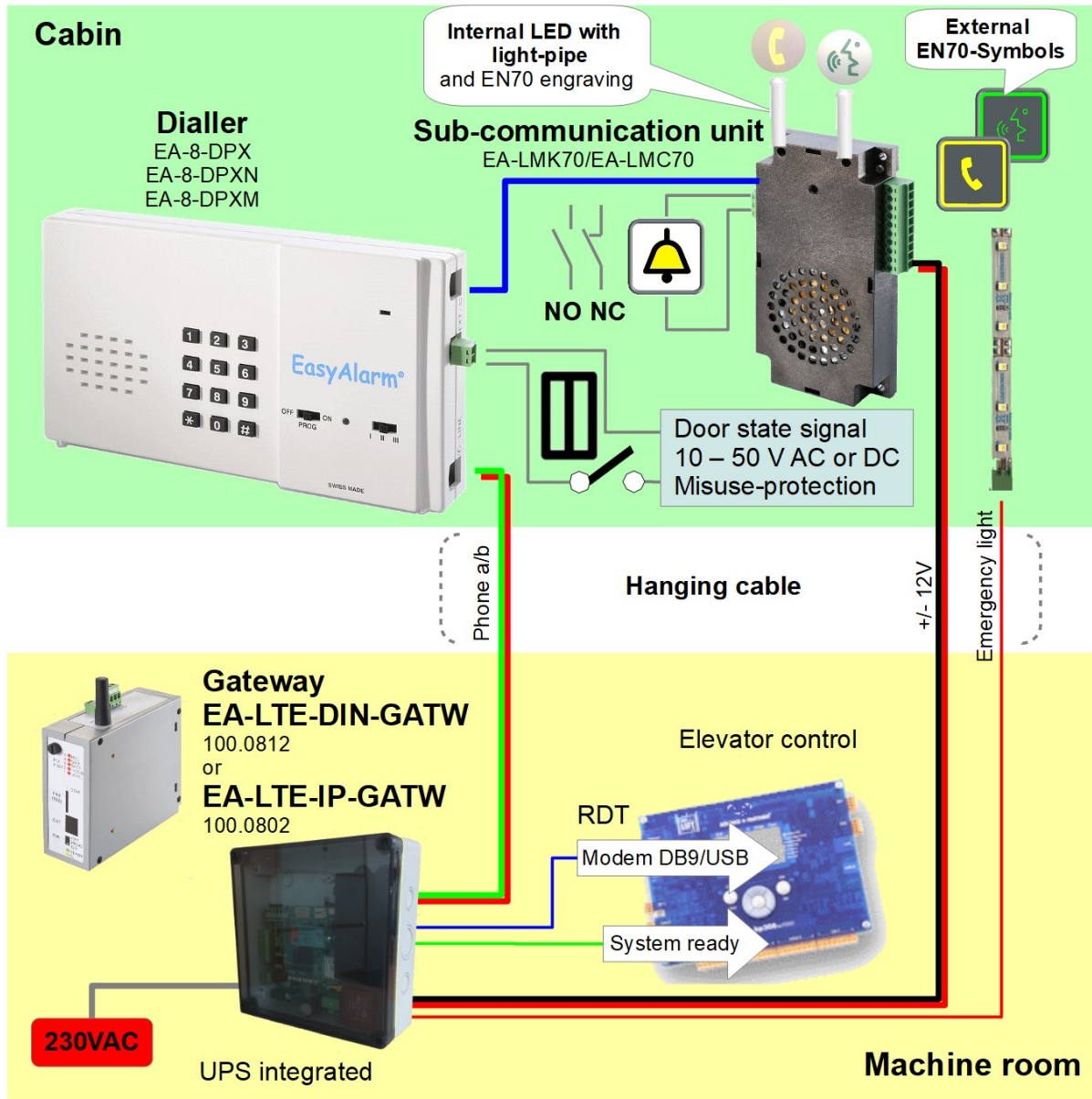
	Article-number							
GSM	-	100.0802B	-	100.0804B	-	100.0812B	-	100.0814B
<b>UMTS &amp; GSM</b> from 3Q/2016	<b>100.0801BU</b> <b>LIGHT</b>	<b>100.0802BU</b>	<b>100.0803BU</b> <b>LIGHT</b>	<b>100.0804BU</b>	<b>100.0811BU</b> <b>LIGHT</b>	<b>100.0812BU</b>	<b>100.0813BU</b> <b>LIGHT</b>	<b>100.0814BU</b>
<b>VoLTE &amp; UMTS &amp; GSM</b> from 1Q/2020	<b>100.0801BL</b> <b>LIGHT</b>	<b>100.0802BL</b>	<b>100.0803BL</b> <b>LIGHT</b>	<b>100.0804BL</b>	<b>100.0811BL</b> <b>LIGHT</b>	<b>100.0812BL</b>	<b>100.0813BL</b> <b>LIGHT</b>	<b>100.0814BL</b>
Emergency-Interface	Gateway for analog diallers		System Nano		Gateway for analog diallers		System Nano	
Software	Fix onboard	Modular 	Fix onboard	Modular 	Fix onboard	Modular 	Fix onboard	Modular 
Housing	IP-Box: 182x180x63 mm, 1100 g				DIN: 45x118x138 mm, 400 g			
RDT Remote-Data-Transmission with elevator control								
Modem-Interface DB9	100.0850	100.0850	100.0850	100.0850	100.0850	100.0850	100.0850	100.0850
Modem-Interface USB	100.0851	100.0851	100.0851	100.0851	100.0851	100.0851	100.0851	100.0851
Supply								
from 230 VAC	✓	✓	✓	✓	118.0117	118.0117	118.0117	118.0117
from 14.3 VDC	-	-	-	-	✓	✓	✓	✓
from 9 .. 35 VDC	-	-	-	-	118.0119	118.0119	118.0119	118.0119
Backup 12 V / 1.2 Ah	100.0880	100.0880	100.0880	100.0880	100.0880	100.0880	100.0880	100.0880
Outputs								
READY: Relais / Remote	NO/NC / ✓	NO/NC / ✓	NO/NC / -	NO/NC / -	NO/NC / ✓	NO/NC / ✓	NO/NC / -	NO/NC / -
12VOUT: 12VDC (UPS)	✗	✓	✗	✓	✗	✓	✗	✓
EL: 12VDC / via Nano	✗	✓ / -	✗	✓ / ✓	✗	✓ / -	✗	✓ / ✓
SIR: Siren 12VDC	✗	✓ Ready	✗	✓ Hupe	✗	✓ Ready	✗	✓ Hupe
Inputs								
ALM: 10 .. 50 V AC/DC	✗	✓ Alarm-SMS	✗	✓ Emerg.Calll	✗	✓ Alarm-SMS	✗	✓ Emerg.Calll
ANT: Antenna-jack ✓ incl. 3m-Patch-antenna	SMA ✓	SMA ✓	SMA ✓	SMA ✓	SMA ✓	SMA ✓	SMA ✓	SMA ✓
Indicators								
GSM-reception level	5 x ●	5 x ●	5 x ●	5 x ●	5 x ●	5 x ●	5 x ●	5 x ●
Error-State	4 x ●	4 x ●	4 x ●	4 x ●	4 x ●	4 x ●	4 x ●	4 x ●
READY: System ready	●	●	●	●	●	●	●	●
COM: Voice / Data	● / ●	● / ●	● / ●	● / ●	● / ●	● / ●	● / ●	● / ●
LINE	●	●	●	●	●	●	●	●
12VOUT	✗	●	✗	●	✗	●	✗	●
EL	✗	○	✗	○	✗	○	✗	○
SIR	✗	●	✗	●	✗	●	✗	●
ALM	✗	●	✗	●	✗	●	✗	●
General								
Programming	via SMS, z.B via WinMOS®300 / System Nano using APP							

**LIGHT**-Versions: Software onboard (not modular), reduced In-/outputs

## 2 Application examples

### 2.1 Gateway: Elevator call using EasyAlarm / Exicall => 100.08x1/100.08x2

Up to four (eight) dialler EasyAlarm/Exicall can share one EA-LTE-Interface



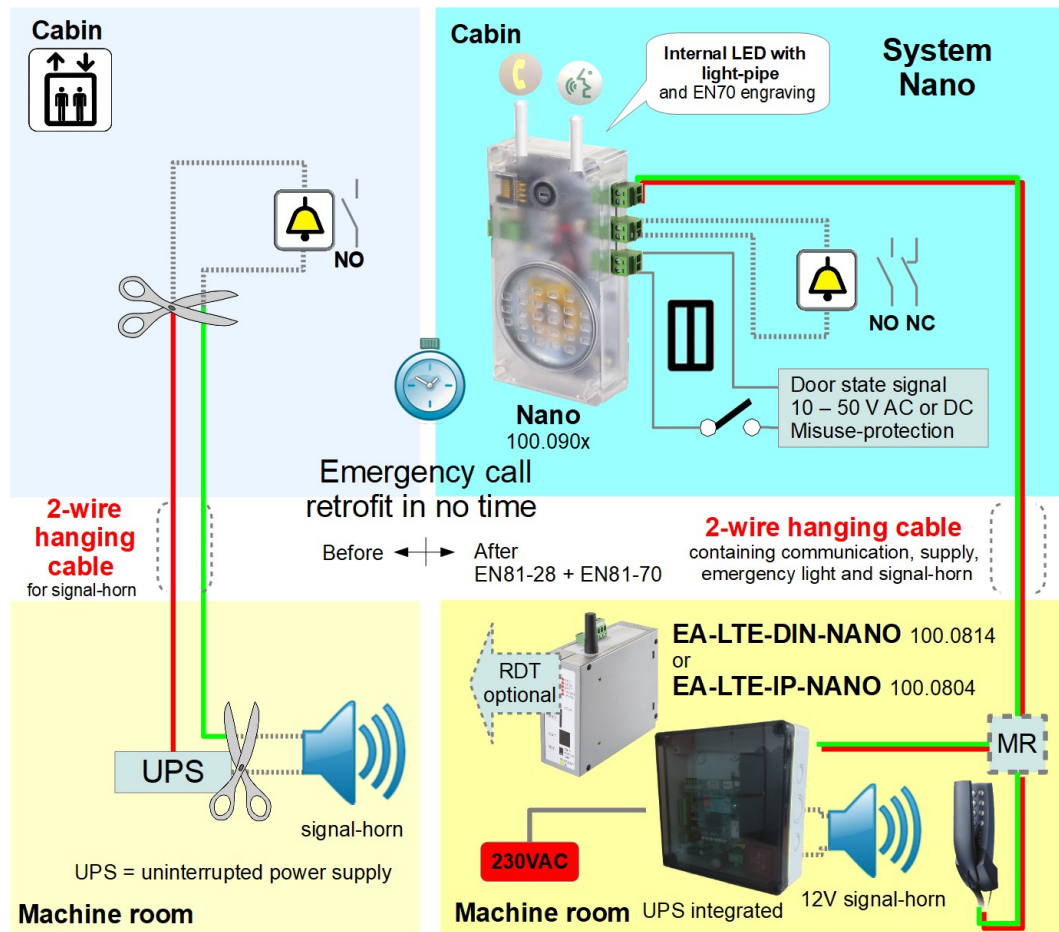
Replacing the analogue telephone line for emergency equipment or EasyAlarm EXICALL

- The emergency call over mobile network is a cost effective alternative to landline
- Minimizes installation costs (no landline required)
- Minimizes fix costs selecting appropriated subscriptions or prepaid
- Free choice of network provider, for example, Leitronic M2M SIM
  - supports ALL Provider (best coverage)
  - Monthly flat rate voice 10min / 3 SMS / 1MB data
- The elevator can already be operated during the construction phase

Optional RDT Remote-Data-Transmission with elevator controls: e.g. Böhnke+Partner, KW Aufzugstechnik, Kollmorgen, Langer+Laumann, Newlift, Rekoba, RST, Strack etc.

An existing modem dial-up will be disconnected, if a telephone connection must be established  
☞ telephone connection has priority over data connection!

### 2.2 Elevator emergency System Nano => 100.08x3/100.08x4



With only two wires, the unit Nano will be connected to EA-LTE-Interface enabling communication, supply of status lights and the emergency light. Nano is compliant to EN81-28 and EN81-70 and provides local connectivity options such as the "emergency call button input" or "Alarm horn output."

Additional connectors:

#### Door contact input signal = Misuse-protection

If during the pre-alarm (= max. cabin travel time) a change in signal is detected, the call will be terminated.

#### Emergency light output for external LED

The emergency light is activated when the supply on the EA-LTE-Interface or the system-contact "ready" is lost.

#### Accessory socket

For additional communication-unit in or on top of the cabin.

Another plus: The new system Nano is easy to program via SMS (eg, via call-center solution WinMOS®300). Alarm numbers, identification, max. travel time can be transmitted or queried via SMS.

Optional RDT Remote-Data-Transmission with elevator controls: e.g. Böhnke+Partner, KW Aufzugstechnik, Kollmorgen, Langer+Laumann, Newlift, Rekoba, RST, Strack etc.

Restriction

- One System Nano per elevator
- ☞ otherwise use dialler EasyAlarm / Exicall.

### 2.3 Gateway: Replacement for analogue landline => 100.08x1/100.08x2

Replacing the analogue landline for telephone or alarm devices (e.g. EasyAlarm or EXICALL).

- Cost-effective alternative to landline
- Blackout secure replacement of ALL-IP
- Minimizes installation costs (no landline required)
- Temporary installation possible (Minimum costs, ready to use)
- Minimizes running costs
- Provider can be changed at any time
- Free choice of network provider, for example, Leitronic M2M SIM
  - supports ALL Provider (best coverage)
  - Monthly flat rate voice 10min / 3 SMS / 1MB data
  - free online portal access for monitoring
- Integrated backup function / emergency light etc.
- Data interface (DB9 / USB)

