Honeywell

# Advance protocol

## Notifier / HLS Team

## V1.0 29-Maart 2011

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# Latest version Configuration Software

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- Uninstall previous ID3000 configuration software
- Delete Directory under Program files!


- Install latest NF3000 Configuration Tool V3.05

- Open Program

# Paneel instellingen TAB Lus-settings

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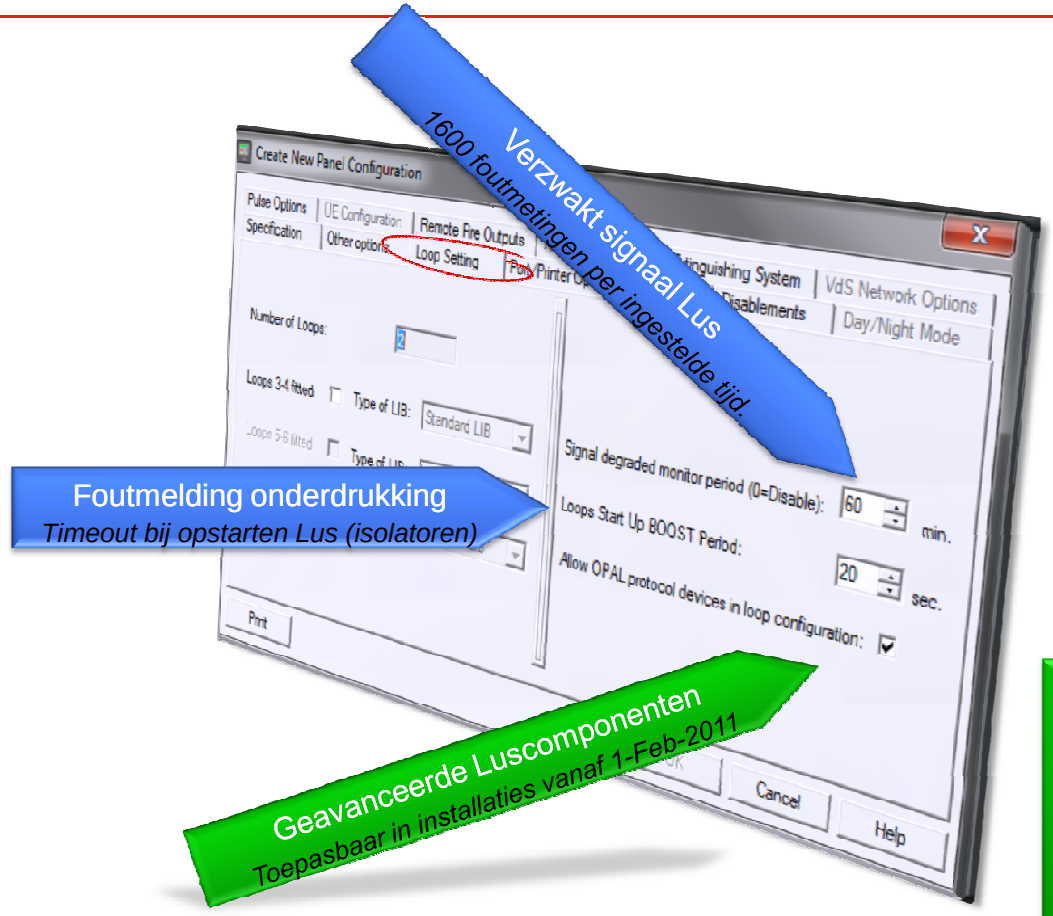


## Opal Protocol

**Vanaf versie:**
Lus: 14.01
E-Lus: 4.2
Paneel: 5.05
Sounders/Flitsers 2010+Barcode Modules : Sept 2010
Melders :Sept 2010



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**ID3000**

# Edit Current Panel Settings Other Options

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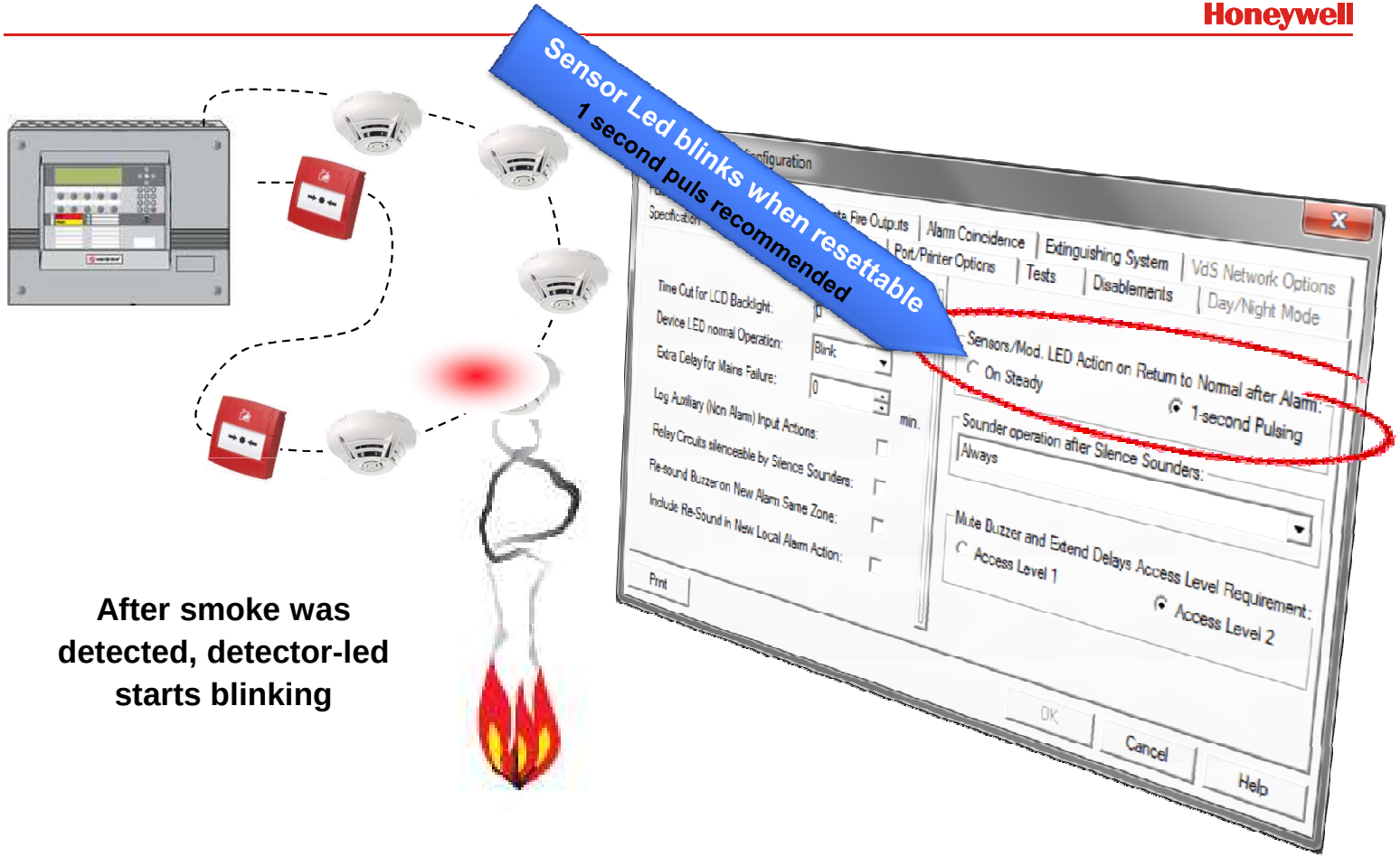

# F2 Functions Detectors and modules

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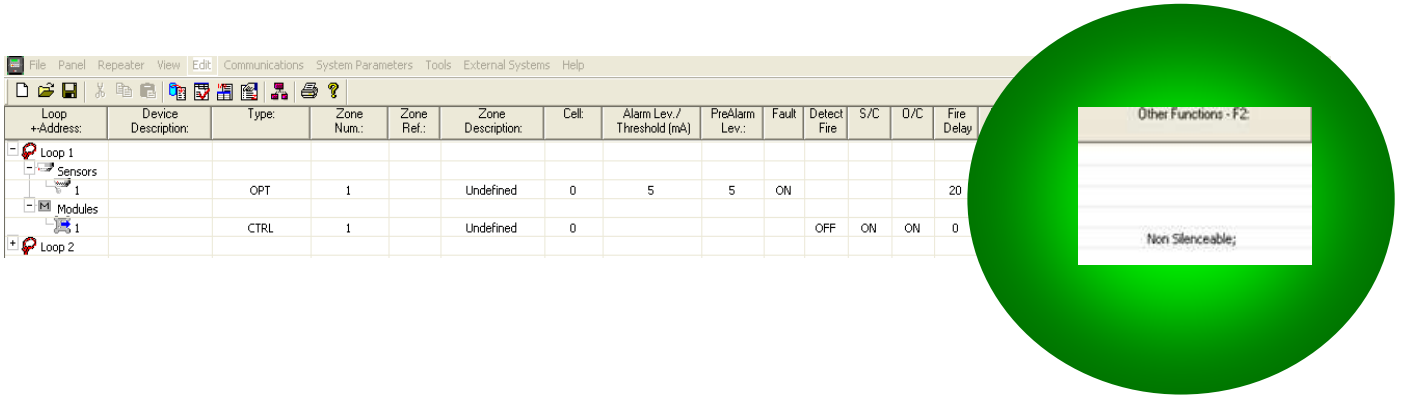


On the end of each detector or module line, extra option are available  by select and pressing F2 . This opens a new windows with several functions.

# Advance protocol

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Nederlands selecteerbaar in WCT
Opal Sensoren en modules
Verbeterde autoleer sensoren en modules
Aangepaste buitendienst stelling
Uitgebreide laptest informatie mbt versies.
Meer kleuren aansturing sensor leds.
Advance Synchronisatie Alarmgevers en toon/volume instelling
Applicatie instelling SMART4 sensoren
Aansturen nevenindicator door F2 als ook de Control Matrix
Verbeterde Log/toon menu (serie nummers)
Loop topologie mogelijkheid ( nog niet vrij gegeven)

# CLIP vs OPAL Protocol

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- Vereenvoudigde instelling synchronisatie alarmgevers
- Herleiden volgorde van Sensoren & modules op lus
- Aansturen van nevenindicatoren vanuit de sensoren
- Multi kleur sensor led
- Alle Sensoren zijn voorzien van kortsluit isolator
- Stabielere luscommunicatie

# Nederlands selecteerbaar in WCT

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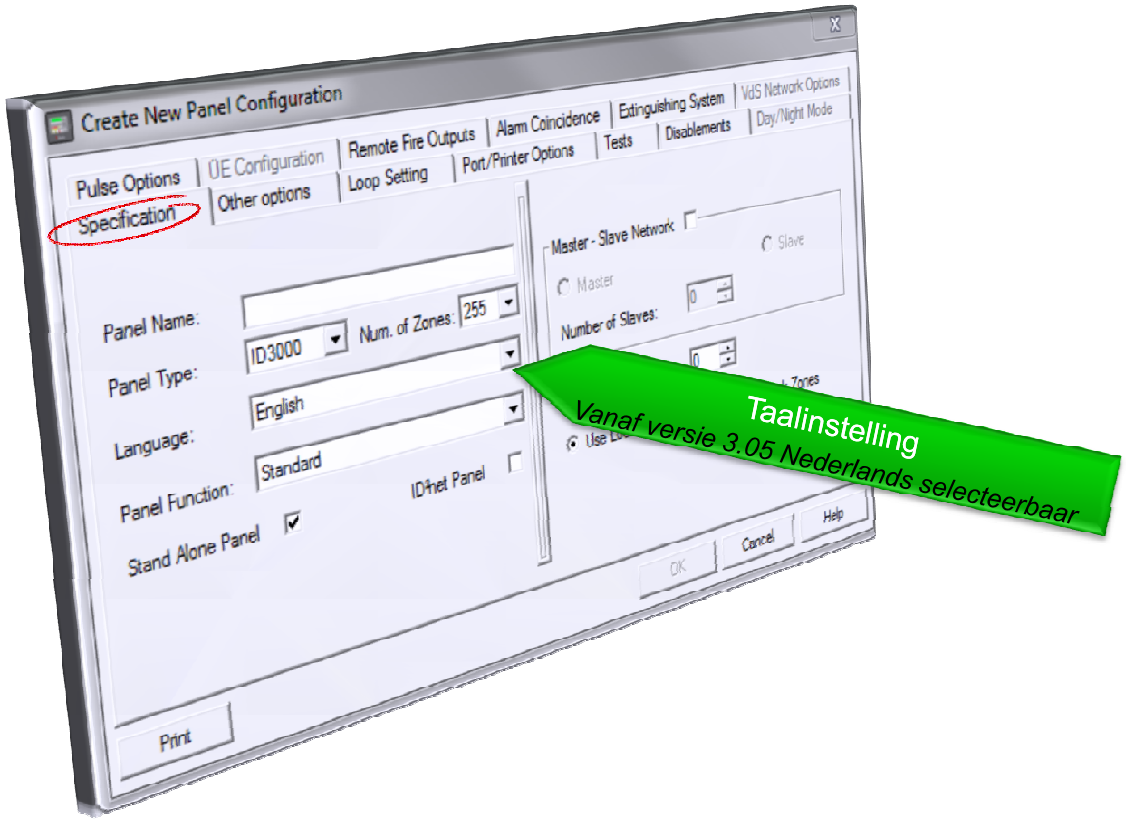

# When is Upgrade AP possible

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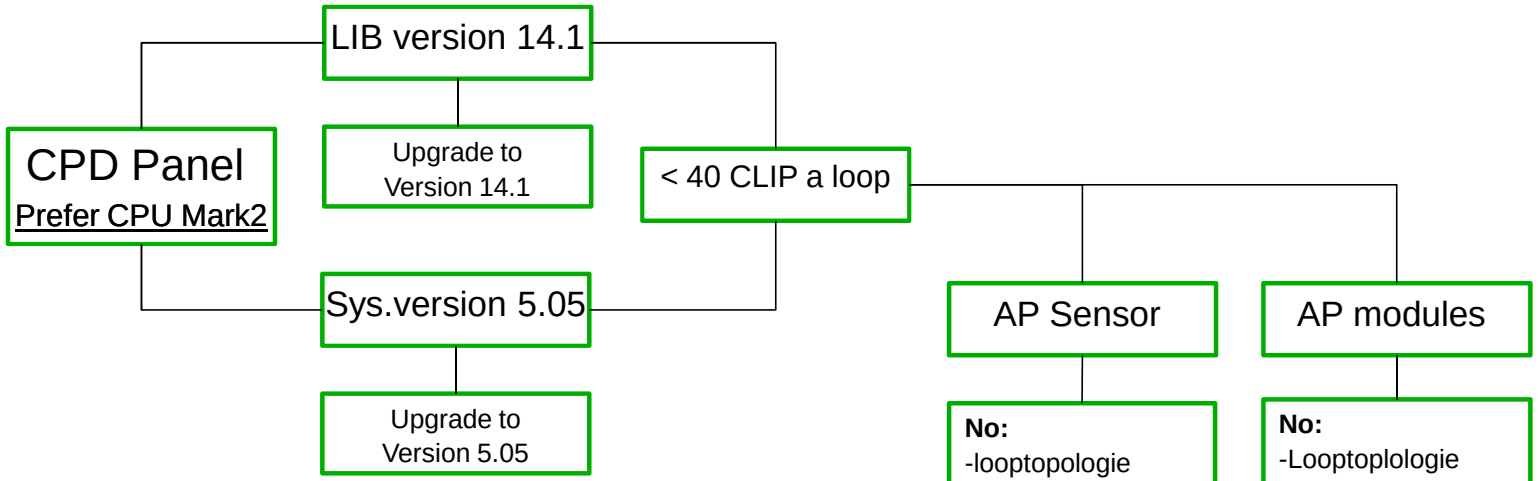
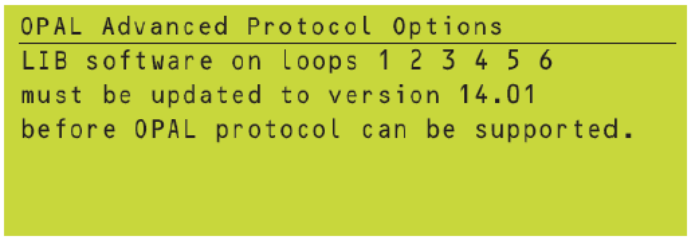



-Lamp Test-



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# Paneel instellingen TAB Lus-settings

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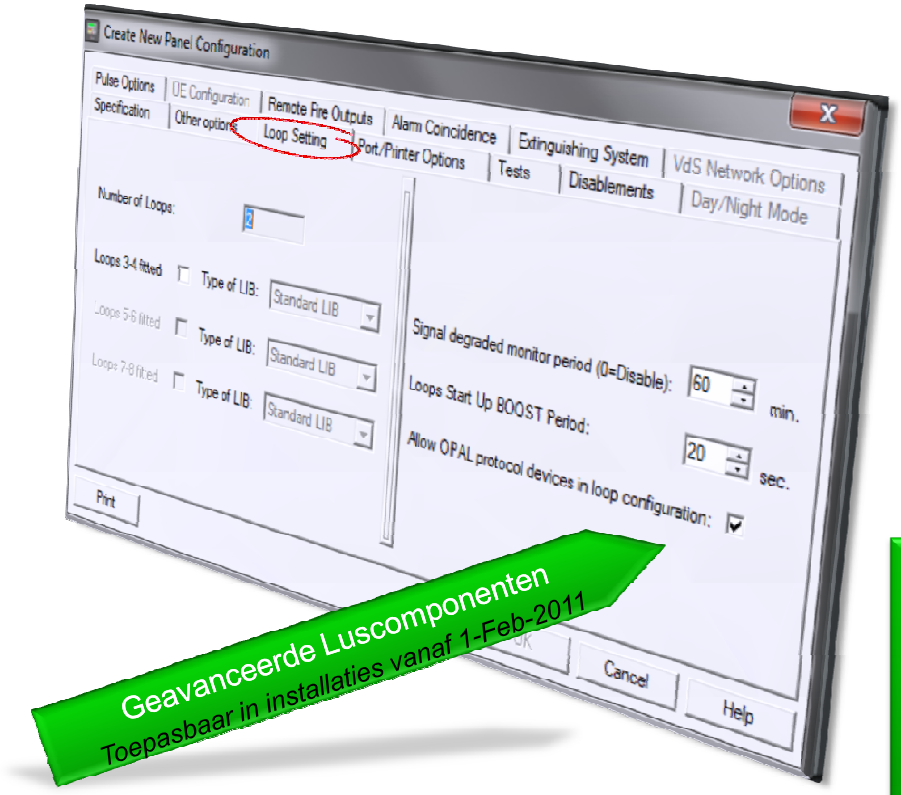


## Opal Protocol

**Vanaf versie:**
Lus: 14.01
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Sounders/Flitsers 2010+Barcode
Modules : Sept 2010
Melders :Sept 2010

# Advance protocol

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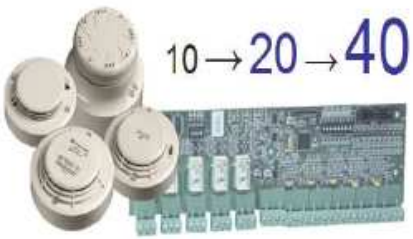
## Advance protocol

-Alle modules & Sensoren na Oktober 2010
Sounders hebben barcode…

## NIET Advance protocol

-Alle modules & Sensoren van vóór 2010
-MMX10 CMX10 MCX55
-Filtrex, View, LPB620




# Opal Sensoren en modules

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# Verbeterde autoleer sensoren en modules

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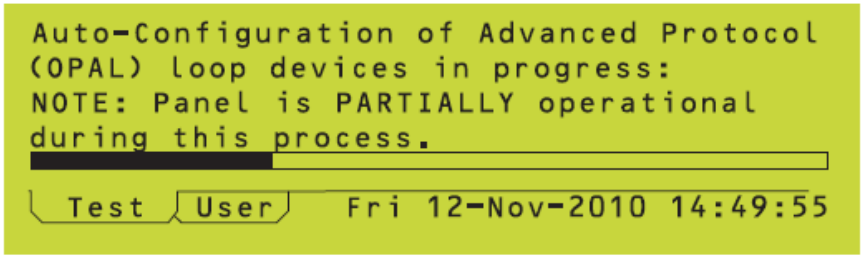
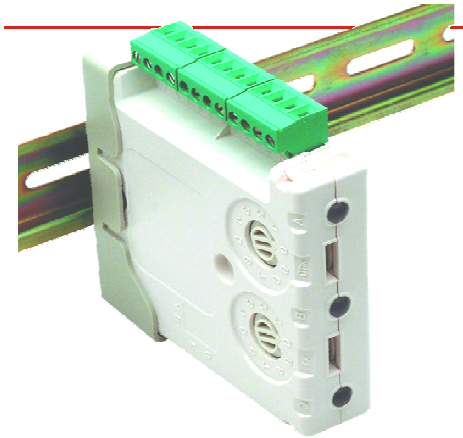
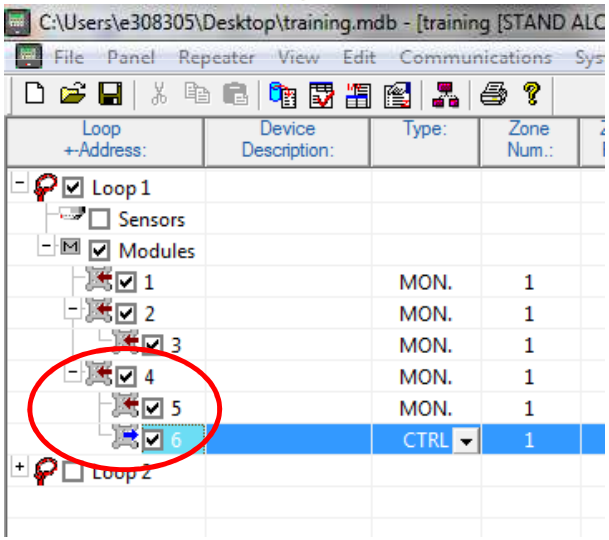
Autoleer:
-Met Mark2 CPU in twee fases ±25min. gedeeltelijke dekking
-Opvolgende autoleer is sneller, ±6min.
-Tweede autoconfiguratie gebeurd op de achtergrond. (level3)

-Met Mark1 CPU wordt enkel één autoconfiguratie uitgevoerd.



# Verbeterde autoleer sensoren en modules



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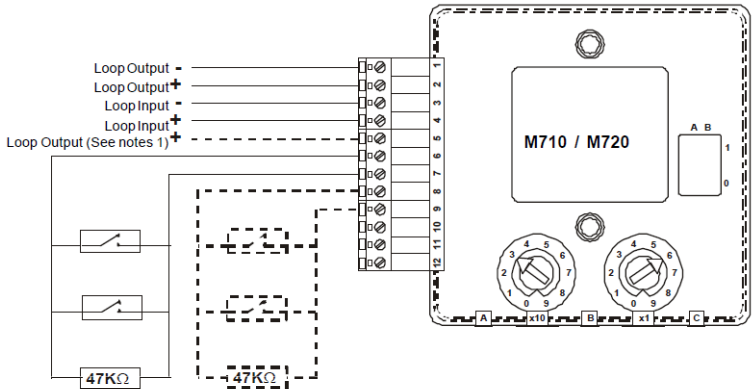
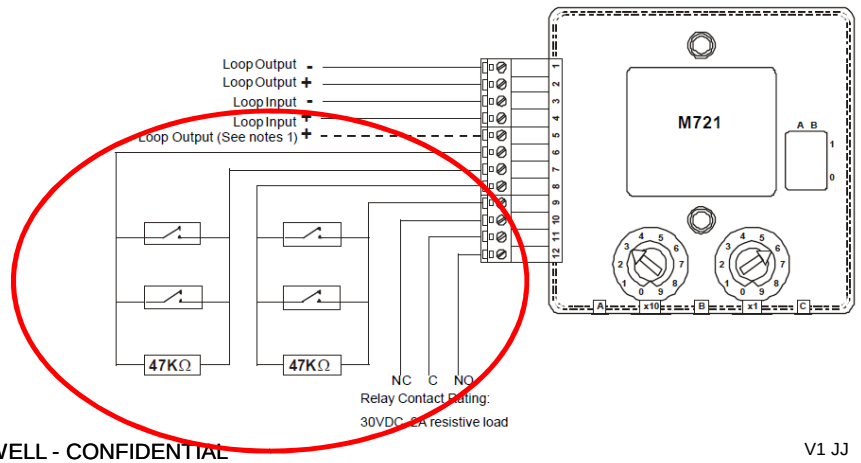
**M710 / M720 Connection Detail**




**M721 Connection Detail**

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# Aangepaste buitendienst stelling

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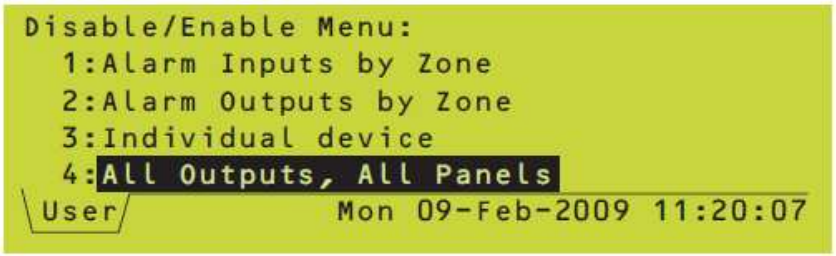


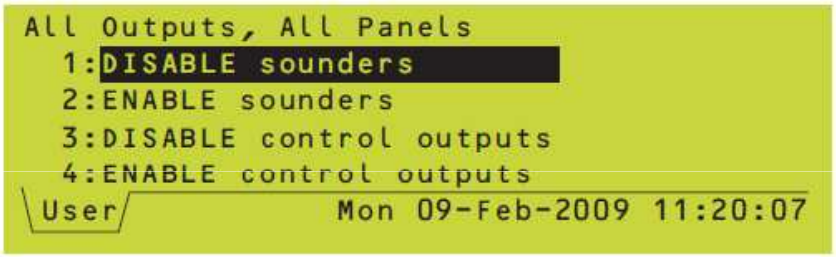


## Disable/Enable 'All Outputs, All Panels' Option

The Disable/Enable menu has an additional option 'All Outputs, All Panels'. This option is already available to panels in Network Zones mode. This option is now available with Panel Zones configuration mode.

Selecting option 4: All Outputs, All panels it is possible to:

a. Disable or enable all sounders

b. Disable or enable all control outputs

In the case of a sectored network system, the scope of 'All Panels' extends only to the local sector or sectors which the originating panel has visibility.

# Uitgebreide laptest informatie mbt versies

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# Uitlezing Sensor waarde

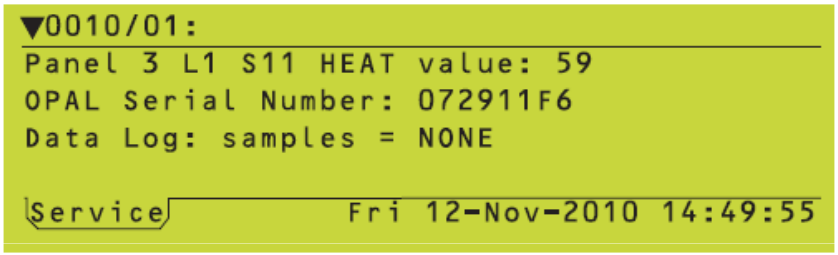


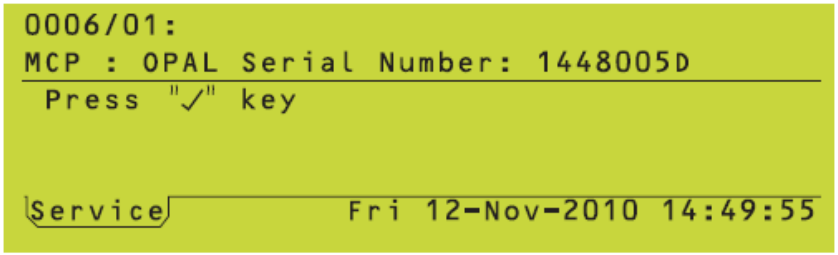
INPUT SUB-ADDRESS LIMITS

| SUB ADDRESS | MEANING | CONDITION | ABSOLUTE LIMITS (due to environmental/aging effects) | | FINAL AUDIT LIMITS | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| | | | MIN | MAX | MIN | TYP | MAX | |
| 0 | Processed photo | Normal | 48 | 66 | 48 | 50 | 52 | |
| | | Internal Faults | 1 | 9 | -- | - | -- | |
| | | Low Chamber Trouble | 10 | 10 | -- | -- | -- | |
| | | Drift Compensation Indication | 40 | 50 | 50 | 50 | 50 | The value decreases from 50 (Detector Clean) to 40 (100% of drift compensation reached – maintenance urgent) with steps of 1 (10% of total drift each). So for example the 80% of drift level (maintenance alert) corresponds to the value of 42 |
| | | Alarm 1 - 1%/ft. | 120 | 120 | -- | -- | -- | |
| | | Alarm 2 - Adjusting 1% - 2%/ft. | 140 | 140 | -- | -- | -- | |
| | | Alarm 3 - 2%/ft. | 150 | 150 | -- | -- | -- | |
| | | Alarm 4 - Adjusting 2% - 3.5%/ft. | 160 | 160 | -- | -- | -- | |
| | | Alarm 5 - 3.5%/ft. | 170 | 170 | -- | -- | -- | |
| | | Alarm 6 – Heat (FIX or ROR) | 200 | 200 | -- | -- | -- | |
| | | Remote Test | 253 | 253 | 253 | 253 | 253 | |
| | | Magnet Test | 254 | 254 | 254 | 254 | 254 | |
| | | Power Up special value | 255 | 255 | 255 | 255 | 255 | |
| 1 | Raw photo | Normal | 19 | 33 | 23 | 25 | 27 | |
| 2 | Static Temperature | Normal | 0 | 255 | 100 | 120 | 140 | Conversion formula: T(°C) = Data/2 -35 (Fig. 4) |
| 3 | ROR Temperature | Normal | 0 | 255 | 119 | 120 | 121 | Depending on environmental temp |
| 127 | Isolators | Normal | 224 | 224 | | 224 | | If isolators present (0 if not) |
| | | Open | 96 | 96 | | 96 | | If isolators present (0 if not) |

# Uitlezing Sensor waarde





# Meer kleuren aansturing sensor leds

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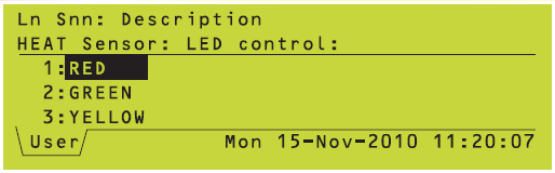
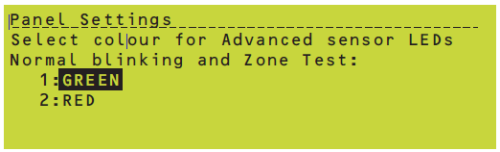
Groen kan worden gebruikt
tijdens normaal bedrijf & test

Geel:
Storing sensor, openlijn,
kortsluiting, dubbel adres,
adres > 99,

Rood voor normale status
retrofit, alarm, vooralarm,
vóór automatische
configuratie autoleer



# AP Sync. Alarmgevers en toon/vol.instelling

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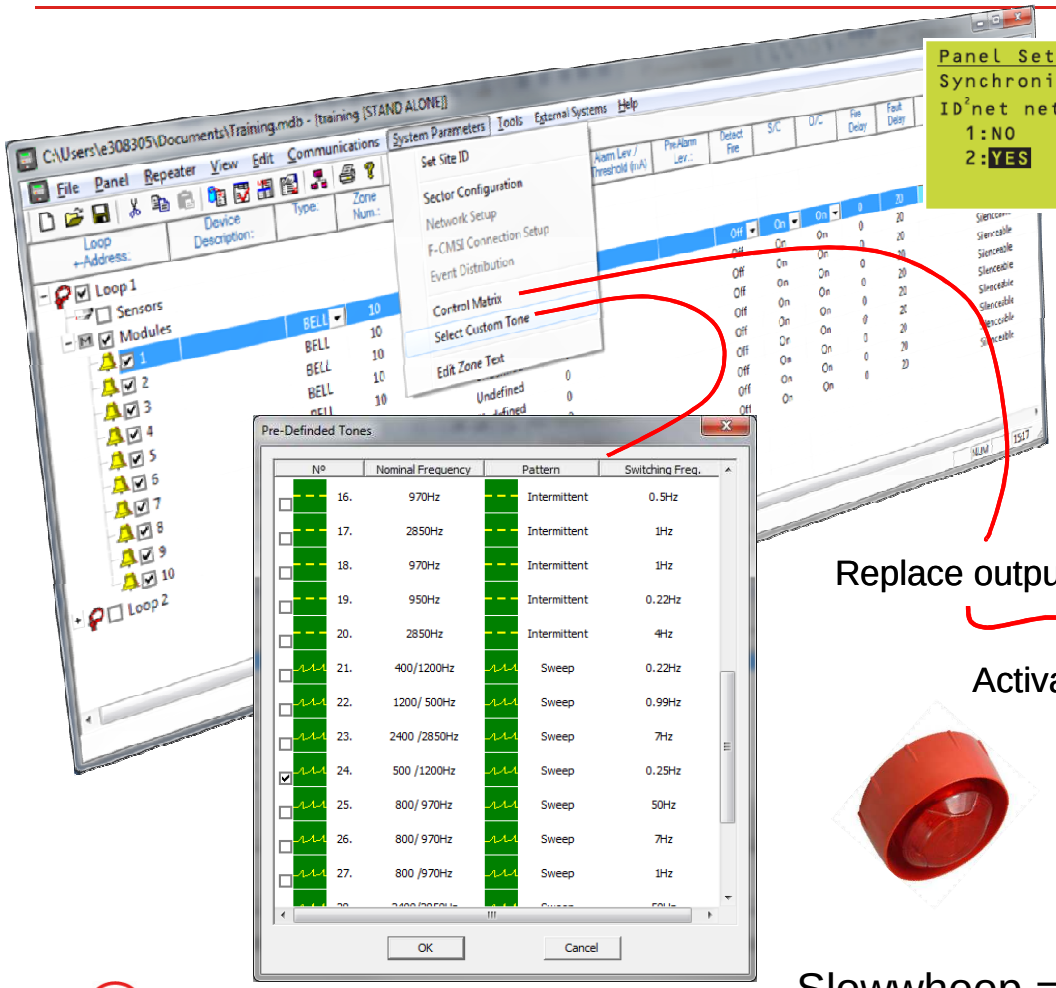


Enkel selecteren wanneer nodig. Langere vertraging tot syncr.

Replace output event

Activate Output



>All zones
>Specified zone
>Spec. Individual Device

Filter

Slowwhoop = 24

# Applicatie instelling SMART4 sensoren

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| Application Number | Possible 'Nuisance' Environment: Application Details | Recommended Alarm Threshold setting |
|---|---|---|
| NONE | - Vacuum cleaning - dust causing photo sensor only alarm. Default configuration: no effect | 4 |
| 0 | - Hotel bedroom near shower. Steam and ROR in heat from sensor near bathroom door<br>- Boiler rooms. Dust and ROR heat causing false alarms. Heat response changed. | 4<br>4 |
| 1 | - Student dormitories, smoking hotel rooms. Small appliance cooking/cig. smoke | 5 |
| 2 | - Insect alarms. Uses Photo element only.<br>- Condensation in attics and similar unheated spaces, e.g. pump houses, service intake rooms, etc. Uses Photo element only.<br>- Heavy manufacturing. Photo element alarms from dust/dirt (may also include welding)<br>- Strobes in industrial areas. Photo element alarms from dazzling light/welding. | 5<br>5<br>5<br>4 |
| 3 | - Dusty environments (and settled dust turbulence in the chamber before drift alarm reached. Uses Photo element only.<br>- AHU rooms and lift motor rooms. False alarm from 'dust burst' reduction. | 5<br>5 |
| 4 | - Synthetic smoke in discotheques and dazzling lights from strobes. Photo sensor alarm threshold raised to maximum; CO enhancement significantly reduced.<br>- Bar areas - photo sensor alarm from steam from glass washers/cigarette smoke.<br>- Smoking areas - alarm from photo and CO sensors' response due to cigarettes, etc. | 5<br>5<br>5 |
| 5 | - Car parks and loading bays with trucks with upward exhaust pipes or poor operating engines. Includes traffic build-up in cities. Alarm from Photo, CO ROR heat sensors.<br>- Kitchens including industrial, canteens and retirement homes - Photo alarms from burning food and ROR alarms from ovens being opened. | 5<br>5 |
| 6 | - Paint shops and repair shops. Alarm from photo and ROR sensor elements. This Application may include welding and vehicles running inside building. | 5 |
| 7 (*) | - Extremely long-lasting optical-only stimulus (special disco fog, anti-burglar smoke, misty/ /foggy area, etc.). Long lasting (>10 minutes) optical stimulus which is not caused by an incipient fire. | 5 |
| * **APPLICATION 7 WARNING - This setting must be treated with EXTREME CAUTION** - Do not select without consulting your local fire officer. For further information regarding this setting, contact Technical Support or your Regional Sales Manager. | | |

# Applicatie instelling SMART4 sensoren

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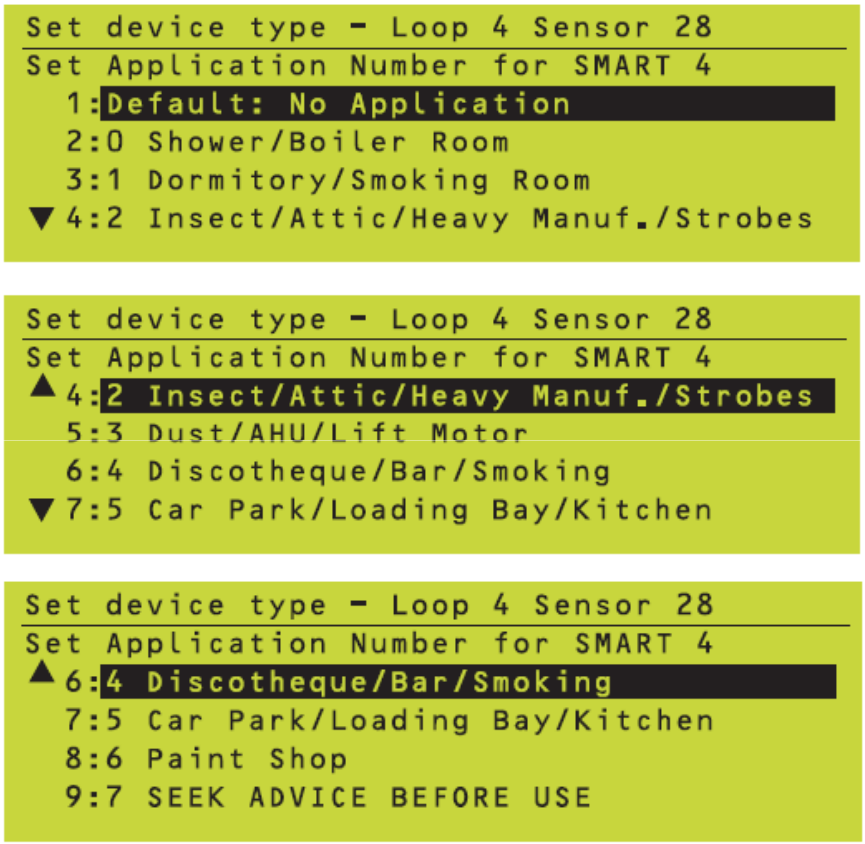

# Verbeterde Log/toon menu (serie nummers)

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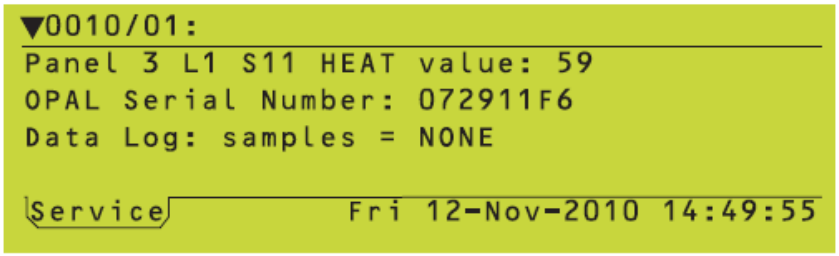


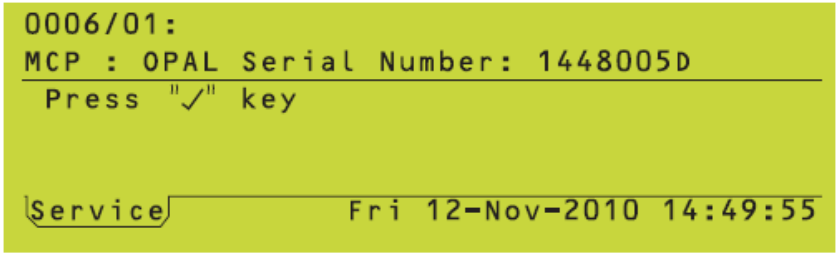

# Nevenindication

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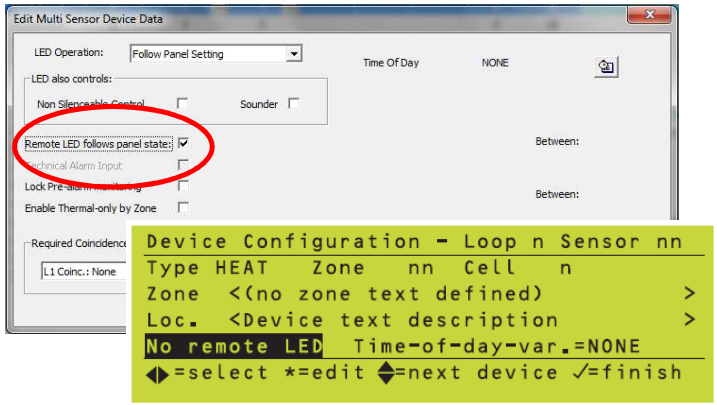
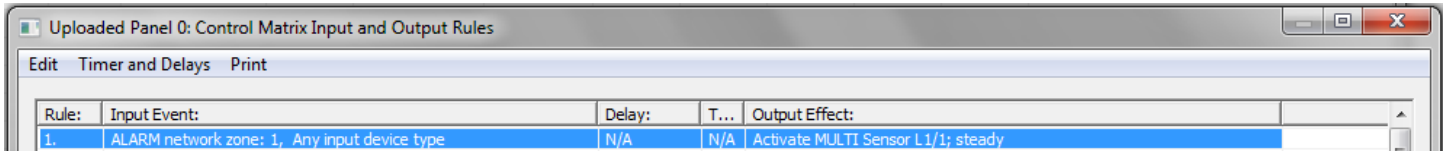
## Using F2




## Using control matrix





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# Led Indication Relay

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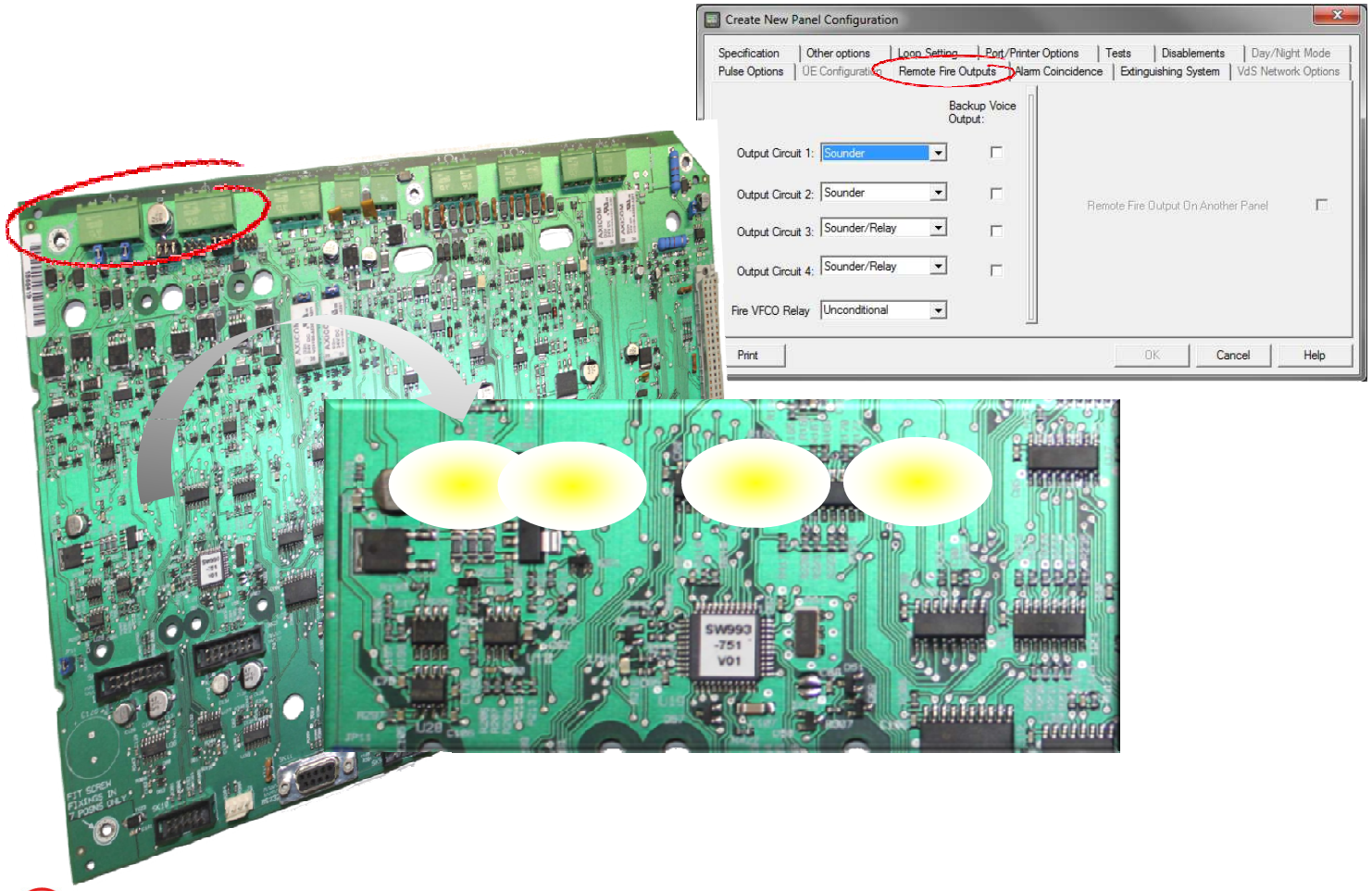


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# Oefening

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In Conf. tool

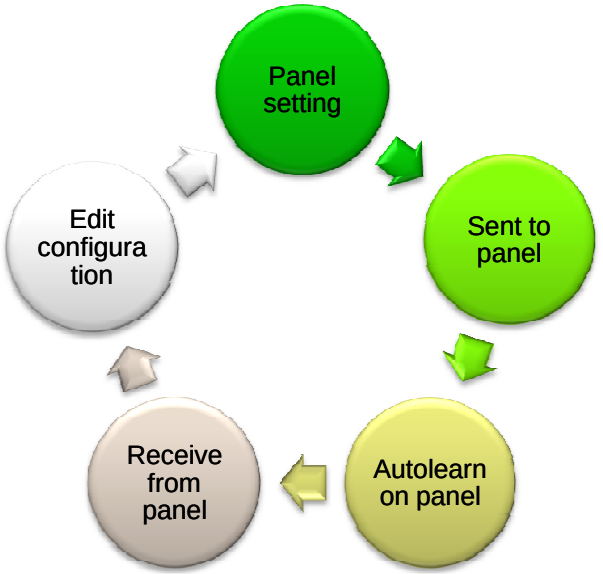
Panel
Panel setting

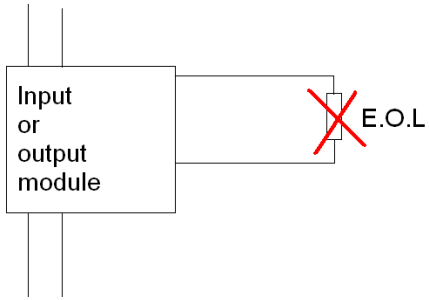
-Panel Name
-Panel Type
-Language
-Panel function
-Network autonome

On Panel

Autolearn

- Volgend menu
- code: 84373
- (6) Programmatie
- (1) Elementen op lus
- (3) Zoek autm.
- Autoleer range
- (1) Onderbreek bij probl
- (1) Desactiveer Therm
- Alle Clip Inputs zijn?
- Alle Clip Outputs zijn?
- (3) Lijnbewaking UIT
- Zone Nummer
- OPAL

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# END

# NF3000

# ANALOG PANEL