LINERGY
EMERGENCY LIGHTING

Benefits of the Integrated System

- Only one system
- Only one control panel for the two worlds
- One simple interface with the same language for both
- No need to install specific software on remote devices
- Only one manufacturer to deal with during purchase and assistance

Integrated System

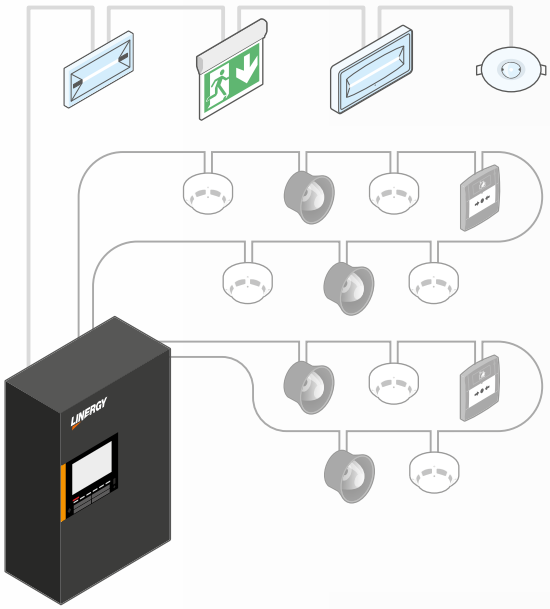
EMERGENCY LIGHTING AND FIRE DETECTION

- **User-friendly** interface
- **Integrated Web Server** for remote management of the system
- 7" Display with Capacitive **Touch-screen**
- Highly flexible **Cause-Effect programming** with possibility of activation of the single device.
- **Back-up** of the system via **USB**
- The last **10 000** events are stored in the log file

Management of the system from a remote place

SYNOPTIC PANEL

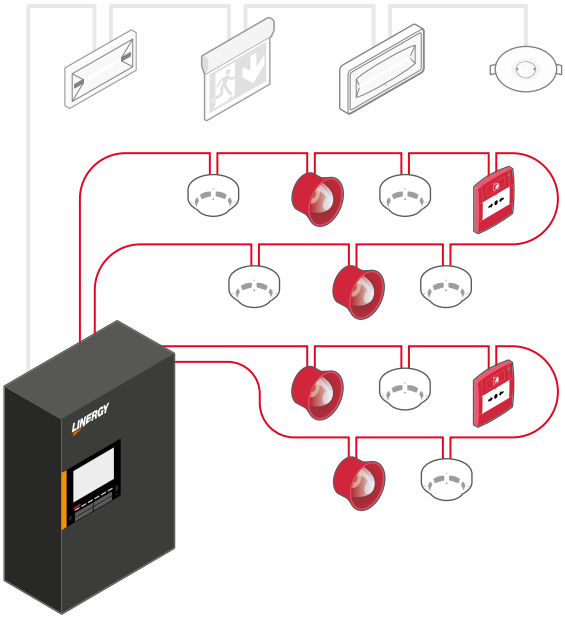
Emergency Lighting



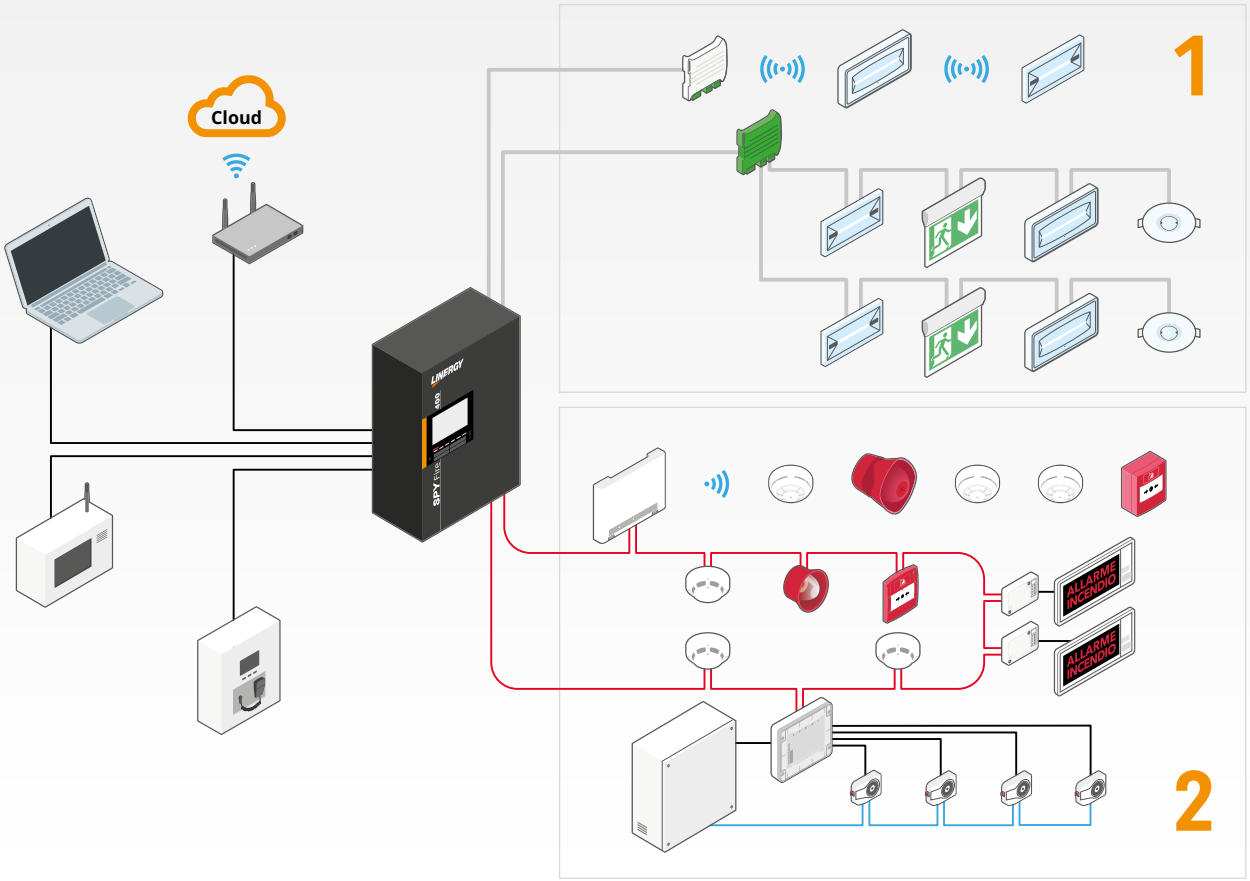
- Central Monotoring Unit with **Linergy Communication Protocol**
- Communication via **BUS cable** or **Wireless**
- Management of up to **1280** luminaires
- **Complete programmability** of date and time of automated test
- **Self enrollment** of the luminaires
- Management of up to **32 logic group** of luminaires for multiple test scheduling
- Possibility to **turn on, off** or **dim** maintained luminaires

Fire Detection

- Central Unit with addressing 1 to 4 loop
- Communication via **Loop cable** or **Wireless**
- 127 devices per loop expandable by means of opto/acoustic sounder base devices
- Up to **1016** devices (508+508)
- Management of up to **128 fire zones** and **128 functional groups**
- High programmability
- Support of **EVAC system** and **telephone dialers** (communicators) **EN54-21**



Monitoring and detection



Monitoring system for emergency light

1 The system allows you to monitor the emergency lighting installation via **Linergy proprietary protocol**.

It allows signal transmission in two ways:

WIRED

WIRELESS

Addressable fire detection system

2 The system allows you to manage the fire detection system via loop connections through the **Linergy ESP protocol**.

MINIMAL OCCURRENCE OF FALSE ALARMS

FASTER REACTION TO FIRE SIGNALS

FAST ASSESSMENT OF THE PROBLEMS

Cause-Effect actions between two system

Turning on a group of emergency lamps due to a fire detection event on the plant.

The central unit can be programmed so that the user can define **Cause-Effect actions** between fire detection zones and emergency luminaires.

A fire alarm detected in a certain area generates the sending of a **predefined command** to the lamps.

This programming **flexibility** allows the management of many **different scenarios**.

The example in the picture shows that a fire detected in **Zone "Corridor"** determines the turn on of the luminaires of **Group "Corridor"**.

Fire system

FIRE DETECTION

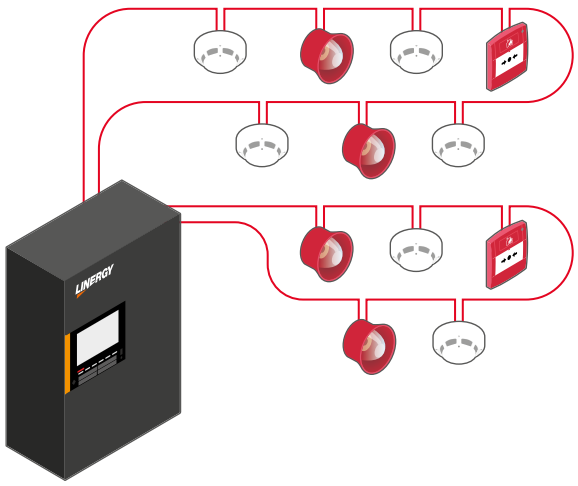
Spy Fire 300

- Central Unit with addressing **1 to 4 loop**
- Up to **1016** devices

Spy Fire 200

- Central Unit with addressing **1 or 2 loop**
- Up to **508** devices

- Communication via **Loop cable** or **Wireless**
- 127 devices per loop expandable by means of opto/acoustic sounder base devices
- Management of up to **128 fire zones** and **128 functional groups**
- High programmability
- Support of **EVAC system** and **telephone dialers** (communicators) **EN54-21**



Available range

Spy Fire 400 | ESPANDIBILE

CODE	DESCRIPTION	MAX NUMBER OF LUMINAIRES	LOOP	FIRE DETECTION DEVICES
1SF0001	INTEGRATED CENTRAL UNIT EMERGENCY + FIRE	fino a 1280	1	127+127
1SF0002	INTEGRATED CENTRAL UNIT EMERGENCY + FIRE	fino a 1280	2	254+254
1SF0003	INTEGRATED CENTRAL UNIT EMERGENCY + FIRE	fino a 1280	3	381+381
1SF0004	INTEGRATED CENTRAL UNIT EMERGENCY + FIRE	fino a 1280	4	508+508

Spy Fire 300 | ESPANDIBILE

CODE	DESCRIPTION	LOOP	FIRE DETECTION DEVICES
1SF3001	CENTRAL UNIT SPY FIRE 300 - 1 LOOP	1	127+127
1SF3002	CENTRAL UNIT SPY FIRE 300 - 2 LOOP	2	254+254
1SF3003	CENTRAL UNIT SPY FIRE 300 - 3 LOOP	3	381+381
1SF3004	CENTRAL UNIT SPY FIRE 300 - 4 LOOP	4	508+508

Spy Fire 200

CODE	DESCRIPTION	LOOP	FIRE DETECTION DEVICES
1SF2001	CENTRAL UNIT SPY FIRE 200 - 1 LOOP	1	127+127
1SF2002	CENTRAL UNIT SPY FIRE 200 - 2 LOOP	2	254+254

Accessories

CODE	DESCRIPTION
6AC4112	SYNOPTIC PANEL
6AC4101	EXPANSION MODULE

Fire Detection

Wide range of **EN54-certified** devices dedicated to fire detection systems

LEGEND

- Smoke detection
- Thermal detection
- Thermovelocimetric detection
- Combined detection
- Short-circuit isolator
- CO detection (carbon monoxyde)
- Manual activation
- Acoustic device
- Optical device
- Input/Output module

FIRE DETECTION RANGE

Point detectors

Optical smoke detector
with short-circuit isolator

Thermal detector
with short-circuit isolator

Combined opto-thermal detector
with short-circuit isolator

Multi-sensor with CO detection
24 operation modes

Linear detectors

Addressable and conventional linear smoke detector

Call points

Addressable manual call point
with short-circuit isolator

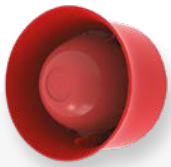
Modules

Addressable I/O Modules
Available in DIN bar version

Electromagnetic holders

Convetional electromagnetic holders
50 kg - 500 N/100kg - 1000 N

Opto/acoustic Devices



Acoustic device
Addressable sounder

Opto/acoustic device
Addressable sounder with beacon

Optical device
Addressable Beacon

Opto/acoustic device
Conventional signalling panel

Opto/acoustic sounder base device
Addressable sounder base with beacon

Acoustic sounder base device
Addressable sounder base

WIRELESS FIRE DETECTION RANGE

Modules

- Translator
- Extender
- Input
- Input/Output

Detectors

- Optical smoke
- Thermal
- Combined
- Smoke and sounder

Call point

Manual call point
Restorable

Sounder

Acoustic device
4 tones selectable

Accessories

AUXILIARY POWER SUPPLIES

SIGNALS

COMMUNICATORS

Emergency lighting and signalling

FIVE YEARS 5 WARRANTY

- All emergency luminaires comply with the norms **EN 60598-1** and **EN 60598-2-22**
- Compatible with all Linergy products with **Spy Fire** and **Spy Fire Wireless** function

EMERGENCY LUMINAIRES

NM/M

Mirror

IP42-IP65 | Li-FeP04 Battery

max 500 lm | 2 h

Prodigy

IP42-IP65 | Li-FeP04 Battery

max 320 lm | 1-3 h

Prodigy Wall

IP40 | Li-FeP04 Battery

max 320 lm | 1-3 h

Prodigy XL

IP42-IP65 | Li-FeP04 Battery

max 770 lm | 1-3 h

Cristal Evo

IP65 | Li-FeP04 Battery

max 1055 lm | 1-3 h

Cristal Wall

IP65 | Li-FeP04 Battery

max 780 lm | 1-3 h

EMERGENCY LUMINAIRES VIALED

NM/M

Vialed Evo

IP42

Li-FePO4 Battery

max 450 lm

1-3 h

Vialed High

IP42

Li-FePO4 Battery

max 440 lm

1-3 h

Vialed Evo Minibox

IP42

Li-FePO4 Battery

max 450 lm

1-3 h

Vialed High Minibox

IP42

Li-FePO4 Battery

max 450 lm

1-3 h

Vialed IP65

IP65

Li-FePO4 Battery

max 750 lm

2 h

Vialed Wall

Li-FePO4 Battery

max 450 lm

2 h

SIGNALLING LUMINAIRES

NM/M

Lyra Evo

IP40

Li-FePO4 Battery

22-32 m

1-3 h

Lexit

IP65

Li-FePO4 Battery

32 m

1-3 h

Astra

IP40

Li-FePO4 Battery

22-32 m

1 h/2 h/3 h

Contacts

Web site: **www.linergy.it**

Contact center: **+39 0735 5974**

Mail: **info@linergy.it**

Whatsapp technical support: **+39 334 1133875**

Support in project development

Linergy provides qualified professionals, who support customers in developing emergency projects, lighting calculations and can be consulted on matters of normative compliance.

Technical design:

- illuminotecnica@linergy.it
- +39 0735 597428
- +39 0735 597427

Technical and commercial assistance

The post-sales services allow Linergy to be by your side in handling and solving any problems.

Technical support email address:

- support@linergy.it

Technical assistance for luminaires:

- +39 0735 597424
- +39 0735 597458

Technical assistance for centralized systems:

- +39 0735 597425
- +39 0735 597429

On-time delivery

The processing of standard orders is carried out within 5 working days and is entrusted to express couriers who guarantee the delivery within 24 hours all over Italy.

LINERGY srl
via California, 21
63066 Grottammare (AP) - Italy

Tel. +39 0735 5974
www.linergy.it
info@linergy.it

BRANCH
LINERGY BENELUX sa
Doornveld, 21 - 1731 Zellik - Belgique

Tel. +32 2 4661066 - Fax +32 2 4661033
www.linergy.be
info@linergy.be