ETAP Safety Manager ⟲ESM

Your emergency lighting under control: anywhere, anytime
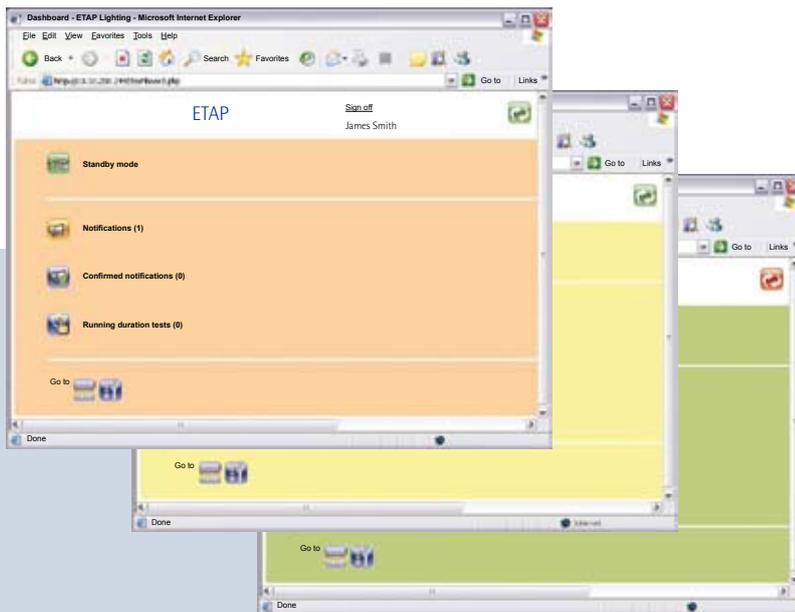

ETAP

Efficiently manage your emergency lighting

ETAP Safety Manager (ESM) is a management system that assists you with the monitoring, configuration and maintenance of your emergency lighting.

For this purpose, each device connected to your ESM network is allocated a unique code. This allows ESM to easily identify each luminaire and to automatically report if each luminaire is functioning properly.

You can choose a wired or a wireless network, or a combination of both. With ESM you manage not only your self-contained and central battery emergency lighting luminaires, but also any emergency units or K9 LED emergency modules that are integrated with the luminaires.
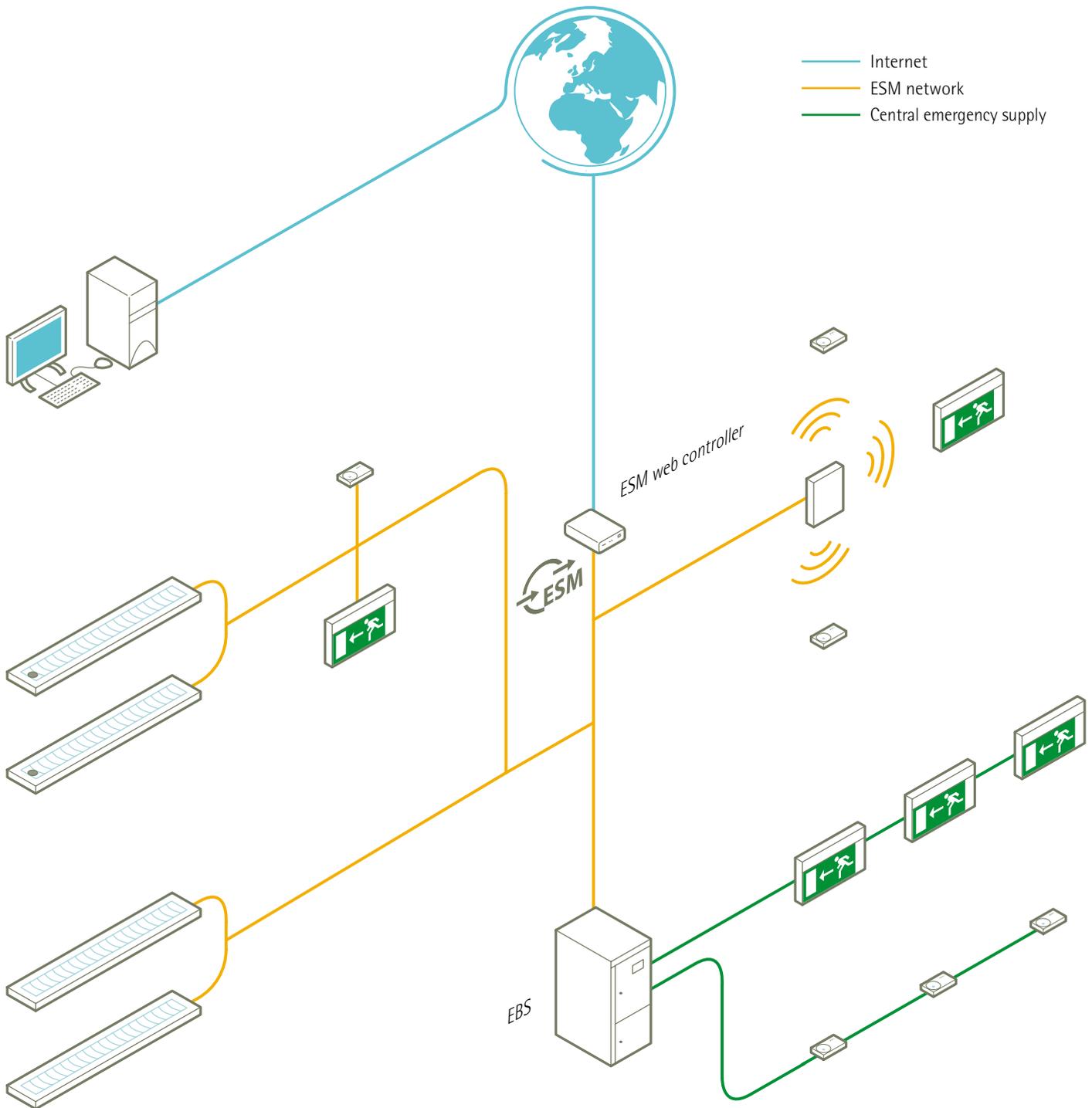
You can connect your ESM network to the internet, to have complete access from anywhere on the world wide web at any time.

ESM can manage all different sorts of emergency lighting:
- self-contained emergency lighting luminaires
- central battery emergency lighting luminaires
- lighting luminaires with K9 LED emergency module
- lighting luminaires with emergency unit

The window colours give you immediate recognition of the status of the luminaire's functionality.

Internet
ESM network
Central emergency supply

ESM web controller

ESM

EBS

Advantageous in all respects

- You get **extra safety**.
- You save **money and time** by efficiently managing your emergency lighting, anywhere, anytime in line with the EN50172.
- You have a multitude of options: **a versatile solution** for any building or system configuration.
- ESM is a **user friendly system**.
- ESM grows **flexibly** along with your needs.
- You are in good company: ESM has for years proved its **quality and stability** at hundreds of companies throughout Europe.

You get extra safety

ESM first of all guarantees superior safety.
- You can see in a glance if all of your emergency luminaires are functioning properly. The ESM software will warn you as soon as safety is no longer ensured.
- You can not only monitor but also actively manage your emergency lighting system from any location.
- You can yourself easily set the test moment, switch a maintained luminaire or start a interim test or set luminaires in rest mode. That way, you:
  - comply with the IEC62034 standard, which stipulates that luminaires in a single room should not be tested simultaneously.
  - prevent tests from being conducted at inconvenient moments
  - prevent all luminaires from malfunctioning simultaneously during a planned power outage, simply by setting your luminaires in rest mode.
- In the event that communication with the network fails, you also receive a fault message. In the meantime your emergency luminaires continue to work fully independently, including the built-in self-test.

Code	Serial number	Descripton	Mode	Type	Lamp
K1_HSL004	000122	Showroom 1, auditorium door			
K1_HSL005	001234	Showroom 2, staircase			
K1_HSL006	000002	Lobby, outside door			

Logbook according to EN50172.

You save time and money

According to European standard EN50172, you are required to regularly check all your emergency lighting systems to ensure safety in the event of a power failure. All these checks must be entered in a log book: a time-consuming activity, especially in the case of a large installation. ESM does all this work for you by storing all required data. For each luminaire you can at all times call up the history and the current status, or print out a log with all necessary information on checks and maintenance activities.

Fault messages contain all the information you need to remedy them immediately: location on a map or picture, type of luminaire, description of the defect, required spare parts. This enables you to intervene quickly and effectively at all times. Another time-saving feature.

For preventive maintenance purposes, you can retrieve detailed information about the self-contained luminaires on the number of burning hours of the lamp and the duration of the battery.
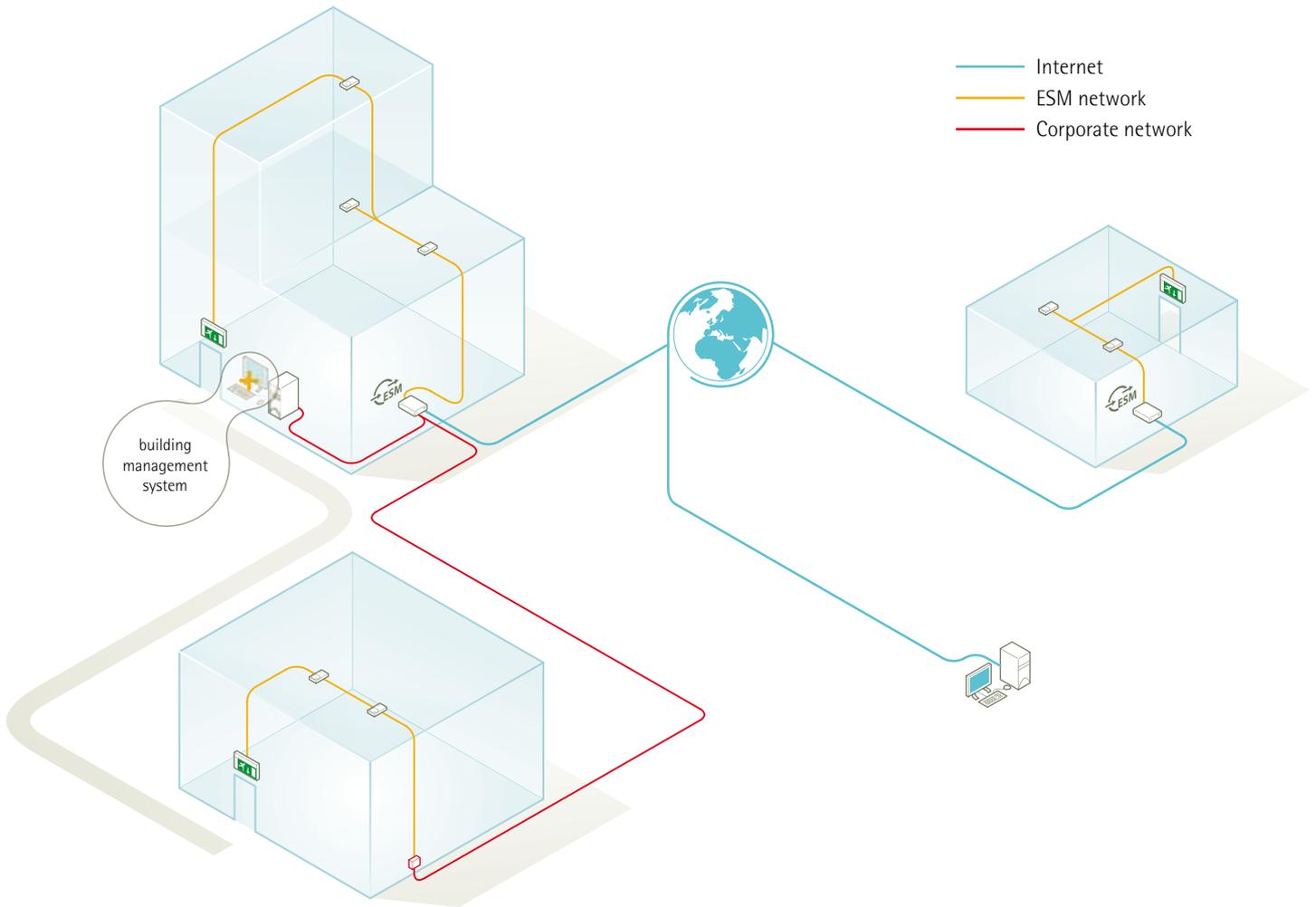
Far-off buildings can be easily controlled and managed from any PC on the internet. You no longer need to designate an emergency lighting manager for each building. Based on the service report, you collect the necessary replacement parts for the maintenance work in advance. The complete emergency lighting system can be serviced in a single visit.

Maintenance report with detailed location information.

Detailed luminaire information for efficient preventive maintenance.

Legend:
- Internet
- ESM network
- Corporate network

building management system

You have a multitude of options

With ESM you manage not only your self-contained and central battery luminaries, but also the emergency units that you want us to integrate with your luminaries.

Self-contained emergency lighting luminaries: wireless or wired

For self-contained emergency lighting within a single building, you can choose a wired or wireless solution, or a combination of both. An existing network can easily be extended with a wired or wireless network.

Remote management

Is your system spread over a number of buildings? In that case too, you can fully manage it from any PC.

- You can manage sites on all locations by **the internet**.
- You can use the local network to remotely manage your emergency lighting. The luminaires are connected via **the corporate network** with a com.server to the ESM web controller. This reduces the bus wiring to a minimum. You can also connect ESM to your **building management system**.

  Through an open interface you can give instructions to or gather information from the ESM web controller. For a detailed representation of the status of your luminaires, you can integrate a detailed daily updated export file or make a direct connection with the ESM web controller. Or you integrate ESM by having a volt-free contact directly report any problems with one of your ESM luminaires. All details are shown on your PC.

ESM is a user friendly system

ETAP Safety Manager is easy to install and to use. It adapts easily to the structure of your building(s), also if it is changed later.
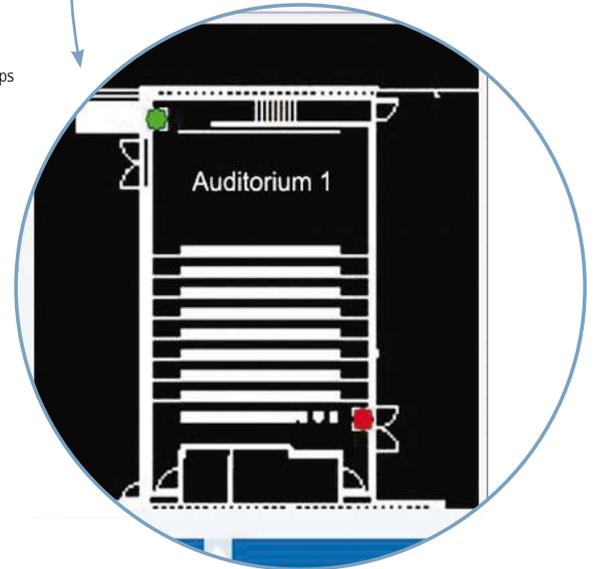
Easy start-up

All you have to do is logically structure the luminaires in a list that reflects the structure of your building. Once your network has been set up, your ESM software automatically detects all luminaires. An ETAP expert will help you successfully complete the start-up process.

User friendly interface

For searching a luminaire you directly navigate through the images and maps of your building. ESM only shows the relevant information and actions that are possible in a specific context. In 2 clicks ESM gives you the necessary information to solve a failure. The system can send a mail to preset e-mail addresses, daily or in the event of an error report. Because of the layered interface, the user friendly approach and the clear visual feedback, ESM is easy to learn and to use.

Luminairies can easily be located on images or maps of your building.

ESM grows along with your needs

Flexibility in your network

With ESM your emergency lighting system can be quickly adapted or extended. In a wired network, you can interconnect the luminaires at random. To extend your installation with wireless luminaires, you can connect the interface for wireless communication (a 'coordinator') anywhere in your wired network.

The perfect solution when renovating buildings

In the case of new buildings, you choose a wired or wireless network, depending on the acquisition and installation costs and the desired flexibility. For renovations, the installation of the communication wiring is often less feasible from a financial or aesthetic point of view. Wireless ESM then provides the ideal solution.

You are in good company

Our many years of experience in emergency lighting and in ETAP Safety Manager is your best guarantee for quality and stability. Over Europe, several hundred ESM systems daily prove their worth and effectiveness. The list of companies that have chosen ESM is too long to publish here. The following list will, however, give you an idea. As you can see, you are in good company.

Belgium
Eurostation (Antwerp)
Justitiepaleis (Brussels)
Procter & Gamble (Brussels)
St Jan Hospital (Bruges)

Germany
Bayer AG (Leverkusen)
MAN (Augsburg)
Deutsche Rentenversicherung (Berlin)
Continental Teves (Theinböllen)

Spain
Ahorro Corporación (Madrid)
Coca-Cola (Madrid)
TYPSA (Madrid)
CESCE (Madrid)

France
AXA (Paris)
Banque de France (Paris)
Hotel Auserlitz (Paris)
Radio France (Paris)

Luxembourg
Luxairport (Luxembourg)
Bil Dexia (Luxembourg)
Ecole de Bacharage (Bacharage)

the Netherlands
Carré (Amsterdam)
ING (Amsterdam)
Schiphol (Amsterdam)
TU Delft (Delft)

Portugal
Autoeuropa (Lisbon)
Norfin Office Park - Campus de Justiça de Lisboa (Lisbon)
Túnel do Rossio (Lisbon)
Laboratório Regional Veterinária e Qualidade Alimentar (Funchal)

Sweden
Gränby Centrum (Uppsala)
Äldreboende Ljung (Värmdö)
Mobilia köpcenter (Malmö)

UK
Langley School (Langley)
Sainsbury (London)
Renfew Council (Paisley)

ETAP Safety Manager ESM

- Efficient management over the internet
- Extra safety
- You save time and money
- Perfect tool to comply with EN50172
- Suitable for any building configuration or
  system configuration
- Easy to expand and adjust
  - Easy to start up
  - User friendly interface
  - Flexibility in your network
  - For renovation projects and new buildings
- Quality and stability

UK GREEN
BUILDING
COUNCIL
Member

ETAP