



Emergency lighting
maintenance at
your fingertips

Thomas&Betts

At Thomas & Betts, our focus is on improving your business performance by providing practical, reliable electrical products and services that connect and protect for life and solve everyday problems in the areas of Wire & Cable Management, Cable Protection, Power Connection & Control and Safety Technology.

Our extensive engineering, supply chain management and technical sales support teams are committed to understanding everything that impacts your ability to accomplish your business objectives by reducing your total cost of ownership.

Whether you are designing, installing, operating, maintaining or owning an office building, offshore platform, hospital, high speed train, power generating plant, machine equipment or a manufacturing facility, Thomas & Betts engineered products fit and function in your application while providing superior performance, sustainability and value throughout the project life cycle.

All our brands are built upon four product and service solution platforms. Platforms that address you or your customers' critical electrical and lighting needs covering the protection of data, energy, processes, assets and personal safety. Beyond high-performance application characteristics, Thomas & Betts products, information and services facilitate and speed up your time critical assembly, installation and maintenance processes.

With a dedicated team, we can support you with a full set of services and flagship product brands such as:



Adaptaflex



Elkay



EMERGI-LITE



furse



KOPEX



PMA



ROYCE THOMPSON



Ty-Rap®



The online emergency lighting maintenance solution



Emergi-Lite Naveo software allows you to control the entire emergency lighting installation, inspection and maintenance process – providing an overview and control of all your systems at any place, 24/7.

Concentrate on what matters – reducing work on your systems!

From installers with several small projects to technical managers involved in multiple sites Naveo allows users to concentrate on what matters - actually managing the emergency lighting luminaire system and reducing work on it.

- By offering you an effective way to inspect and maintain systems using your laptop, smartphone or iPad / tablet PC
- Save on inspection and maintenance time (this can be 30% or more)

So what is Naveo?

To manage the reliability of your emergency lighting luminaires you need status information. The Naveo inspection and maintenance system provides a digital overview via the web - providing ready information to assist resource planning and enhance building safety.

Making your time and resources more productive

Naveo allows you to save valuable time spent every year on collecting and entering information. There's no unnecessary ladder hauling, illegible annotations, long hours of double data entry or unnecessarily traveling back and forth for parts.

Say goodbye to time-consuming, error-prone manual work such as typing and writing and plan travel more efficiently. Once you have worked with Naveo, you'll ask yourself why it was not around before.

Staying one step ahead to increase building safety

The web-based Naveo system goes further than simply providing an overview of self-contained emergency lighting luminaires. By receiving inspection and maintenance updates on email or text message you are alerted to potential faults and repair requirements. You can plan ahead - increasing your efficiency and the buildings safety.

Naveo also generates lists of materials and parts in PDF format providing a clear overview of work to be carried out. So you'll know exactly what needs to be ordered - and when.

An overview of the advantages:

- Inspection and maintenance software for PC, tablet or smart- phone
- Save time in planning maintenance ahead
- Continuous overview (day & night) of all monitored buildings
- Save administration time with on-site data entry
- Preventative maintenance alerts allow replacement before faults occur
- Regular inspection alerts
- Automatic list of (replacement) parts, including article numbers

Savings may vary over time and example is for guidance only.

For specific comparisons please contact the Emergi-Lite sales department.

Inspection & maintenance



Online emergency lighting maintenance

How does Naveo work?

1. Using your tablet, notebook or smartphone enter the contact details and the building structure for each building type.
2. Enter luminaire data by importing an Excel database, or individually during an on-site inspection.
3. Simple drop-down menus guide you to manage and review luminaires connected to the system.

You don't have to write things down with Naveo.



Making a huge emergency lighting job quick and easy

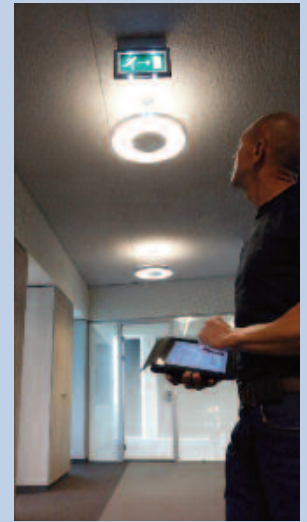
Inspecting emergency lighting luminaires is a huge job. Manually doing it one by one, it's the same monthly routine and very time consuming!

- Naveo gives you the status of the lamp, battery and PCB directly
- Simply tick off a status of 'OK' or 'Defective' on your mobile device
- You can do most of the inspection work on-screen
- Your inspection does not require a ladder during the on-site inspection tour
- You control all the information - no illegible notes, endlessly retyping data or spending hours filing
- The digital data is up to date and can be immediately processed further
- After the inspection, an EN 50172-compliant PDF log can be generated

Inspection without Naveo



Inspection with Naveo



Improving fault and repair efficiency

Naveo promotes preventative maintenance and forward planning.

- You will receive a text message or an email alert in plenty of time before the inspection
- Updates can be set to suit regulatory requirements (annual inspection) or for individual needs at a chosen interval
- Setting Naveo messages according to product lifecycle enables you to take preventative actions
- Warning flags for faults - User can set threshold at which point warning messages are issued to assigned recipients

Scheduling maintenance

Working with the right information reduces costs owing to avoidable failures and the related inconveniences for your team.



Once a set of actions is confirmed Naveo generates a PDF list of materials and parts to be ordered.



DID YOU KNOW?

Naveo informs you of what site to visit, what you should take, and what actions are required. Your time is planned efficiently!

Inspection & maintenance



Work more productively with mobile emergency lighting information

Maintenance overview at the touch of a button

At the push of a button you have an overview of potential and current maintenance issues, allowing you to structure the data you require.

- Using the filter function review work at all levels, including overview of multiple buildings, or locally focus on specific corridor details
- The filter function allows you to group maintenance activities and fine-tune their scheduling
- Divide the work by site, building or floor
- During on-site maintenance, use the extensive list of materials in the maintenance sheet - providing precise locations, item numbers, product descriptions and actions
- Maintenance sheets provide overviews of any additional requirements, such as a need for an extra-long ladder, ID cards or details relating to building opening hours
- Once maintenance is complete simply tick off the actions to update on the Naveo screen. There is no need to add stickers on each luminaire – print out the completion certificate and the detailed log if needed
- The certificate shows visitors that the installation is back in working order



Online software - naveo.co.uk

There are many benefits:

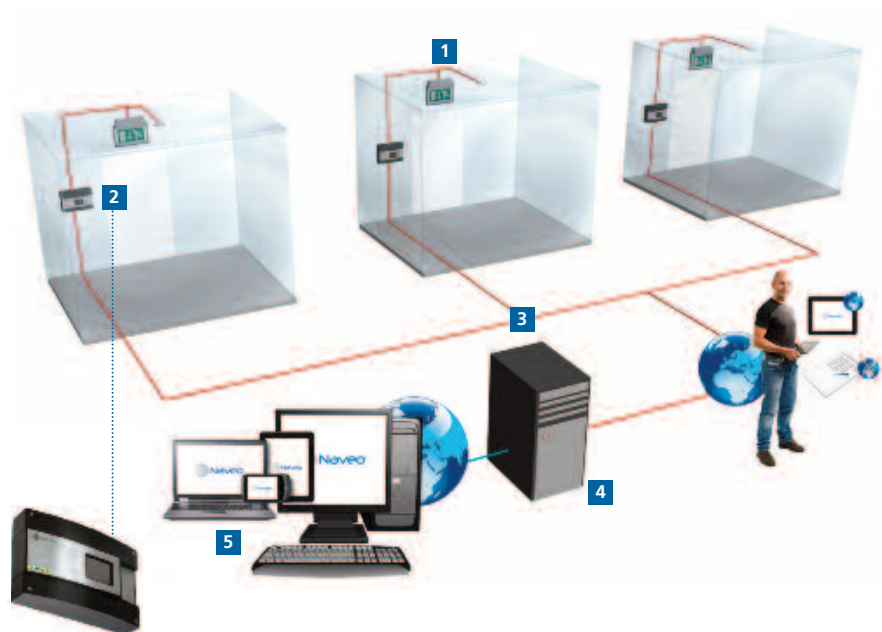
- As an online system, Naveo uses intelligent software with computing data storage (data stored on an external secure server)
- Your information is safe and can always be accessed only by you, wherever you are
- You never have to perform any software updates or server maintenance
- Software updates are automatically applied
- New luminaire parts and product information will be automatically updated

Naveo - making your time and resources more productive



In real-time over the internet

With optimum safety and control in mind, access the site via naveosystem.co.uk to monitor, review or set parameters for testing, alerting or maintenance planning.



- 1 | Bus communication cable
- 2 | Data Collection Panel (DCP)
- 3 | Internet connection
- 4 | Naveo external server with all DCP information
- 5 | PC, laptop or smartphone



When on-site during a maintenance and inspection visit

Locally, when the DCP hub is not connected to the internet, it is possible to run local tests from a portable computer device (laptop, tablet for example). Make a visual inspection and record the observations manually.

Observed data can be inputted to the system later. Carry out any remedial maintenance according to pre-planning with the spares advised on the previous materials (spares to take) list.



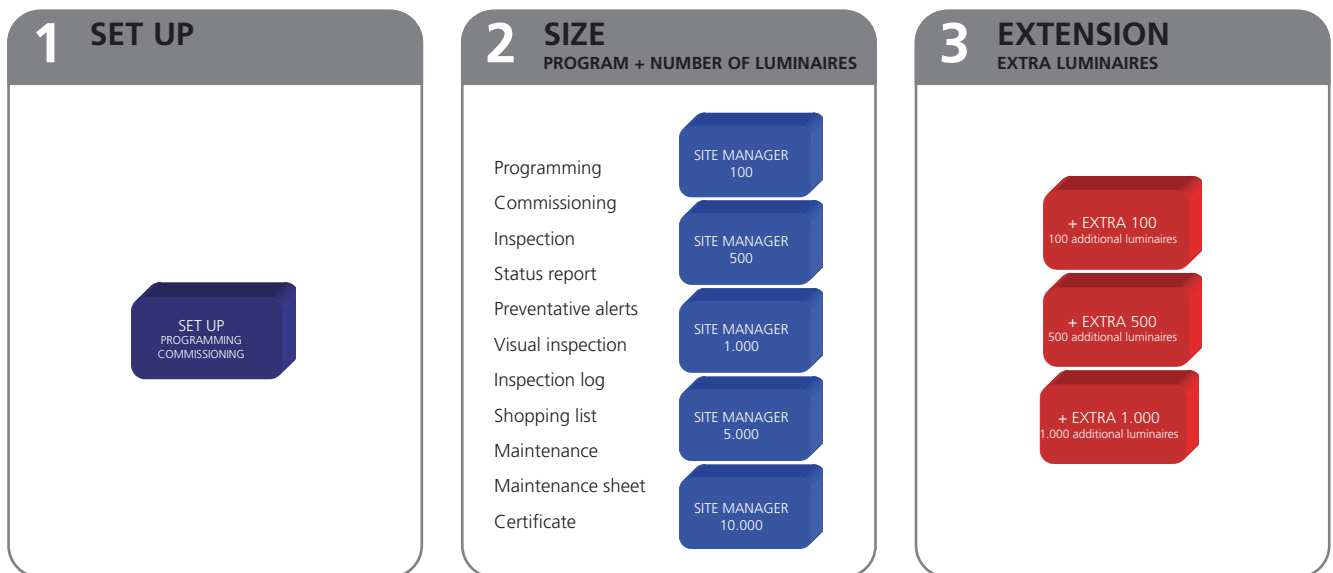
Non-addressed general luminaires or other items

During a site visit it is possible to record information for items that are not part of the automatic test schedule or addressed directly by Naveo. For example, it might be useful to note the condition of the fire extinguishers in the log, or of other standard emergency lighting.

On return to base the information can be uploaded to Naveo to update the information for such equipment.

User packages

Naveo is ideal for those carrying out inspections and maintenance on self-contained emergency lighting luminaires. It provides users with a customised solution: (irrespective of the site size or building location) the system can be completely scaled to your requirements.



Always a suitable solution

Naveo comes in conveniently arranged pricing packages. The scope of the package depends on the current situation and growth potential. Naveo allows flexibility, so users can build on the selections as time goes by.

Observer Package

In this case, the client has an online overview of the system status, while the installer has access to all the inspection and maintenance functions.

Site Manager Packages

The Site Manager package allows access to all sections as illustrated above. The level to choose depends on the extent of the installation and the number of luminaires being managed.

DID YOU KNOW?

Use Naveo for a single-site complex, or for multiple locations across a town, city, region or country. As your business grows, you simply enter more buildings into the Naveo site manager.



Which package is best for you?

1



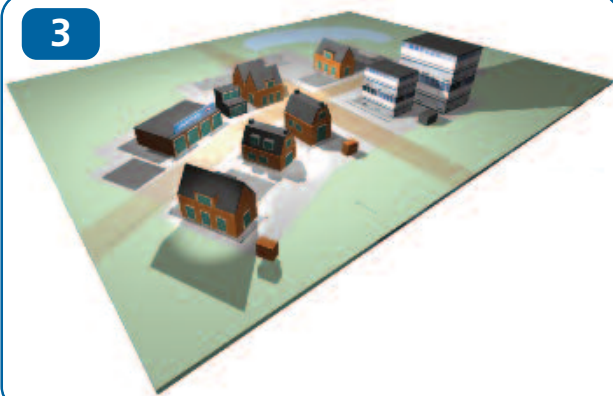
A Government agency has responsibilities with various buildings across one or more locations e.g. a university campus or hospital sites made up of various main buildings, centres and annexes.

2



A facilities management company responsible for multi buildings across the country.

3



A regional installer has a portfolio of around 20 buildings, including restaurants, shops, medical centres and offices.

More information

For more information, or for a demonstration,
please call **0113 281 0600** or email emergi-lite.sales@tnb.com





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Thomas & Betts WIRE & CABLE MANAGEMENT

Ty-Rap®



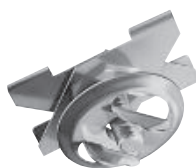
Ty-Met®



T&B Cable Tray



E-Klips®



ENERGY & DATA CONNECTION

Thomas & Betts CABLE PROTECTION SYSTEMS

PMA



Adaptaflex®



KOPEX-Ex



Harnessflex
SPECIALIST CONDUIT SYSTEMS



ENERGY & DATA PROTECTION

Thomas & Betts POWER CONNECTION & CONTROL

JOSLYN



elastimold™



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CRITICAL PROCESS PROTECTION

Thomas & Betts SAFETY TECHNOLOGY

EMERGI-LITE



EMEX power



ETS



furse



PEOPLE PROTECTION

UK OFFICE

Thomas & Betts Limited
Emergi-Lite Safety Systems
Bruntcliffe Lane
Leeds
West Yorkshire
LS27 9LL
United Kingdom

Tel +44 (0)113 281 0600
Fax +44 (0)113 281 0601
emergi-lite.sales@tnb.com
www.emergi-lite.co.uk

MIDDLE EAST OFFICE

Thomas & Betts Ltd. Br.
Office 107 5EA East Wing
Dubai Airport Free Zone
PO Box 54567
Dubai
United Arab Emirates

Tel +971 (0)4 609 1635
Fax +971 (0)4 609 1636
emergi-lite-salesme@tnb.com



HQ ASSESSED TO BS EN ISO9001: 2000
FOR THE MANAGEMENT OF EMERGENCY
LIGHTING AND FIRE DETECTION
EQUIPMENT AND THE MODIFICATION OF
MAINS LUMINAIRES FOR EMERGENCY
LIGHTING APPLICATIONS
Cert no: FM09470



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