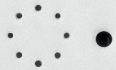# Sentinel

ADVANCED
EMERGENCY LIGHTING
TEST SYSTEM

Fully interoperable with all DALI approved emergency lighting equipment

P&A/Projects

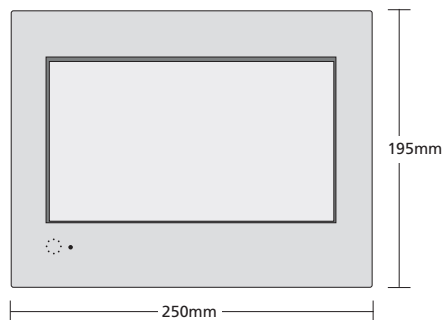Sentinel

Recessed mounted **Sentinel** panel

Sentinel — Advanced Emergency Lighting Test System

- ✓ IoT Smart EL test system
- ✓ Integral mains supply and DALI supplies
- ✓ Two DALI busses (128 devices)
- ✓ Simple operation
- ✓ Routine function and duration tests
- ✓ Detailed test results at panel
- ✓ Downloadable test data
- ✓ Operates with multiple durations *(60mins, 90minutes, 180mins, etc.)*
- ✓ Automatic fault indication
- ✓ Fault buzzer (software enabled)

- ✓ IP addressable panel
- ✓ Complies with EN 61347 2-11
- ✓ Complies with EN 62386 (DALI)
- ✓ BSI tested (kitemark pending)
- ✓ UK designed and manufactured
- ✓ All intellectual property owned and updated in UK
- ✓ Screen branding to order
- ✓ Encrypted networking (**SentiLink**)
- ✓ Automatic addressing of replacement gear
- ✓ Automatic fault indication to maintenance partner (optional)
- ✓ Surface or recessed mounting
- ✓ Commissioning made simple using the **SentiFind** hand held device
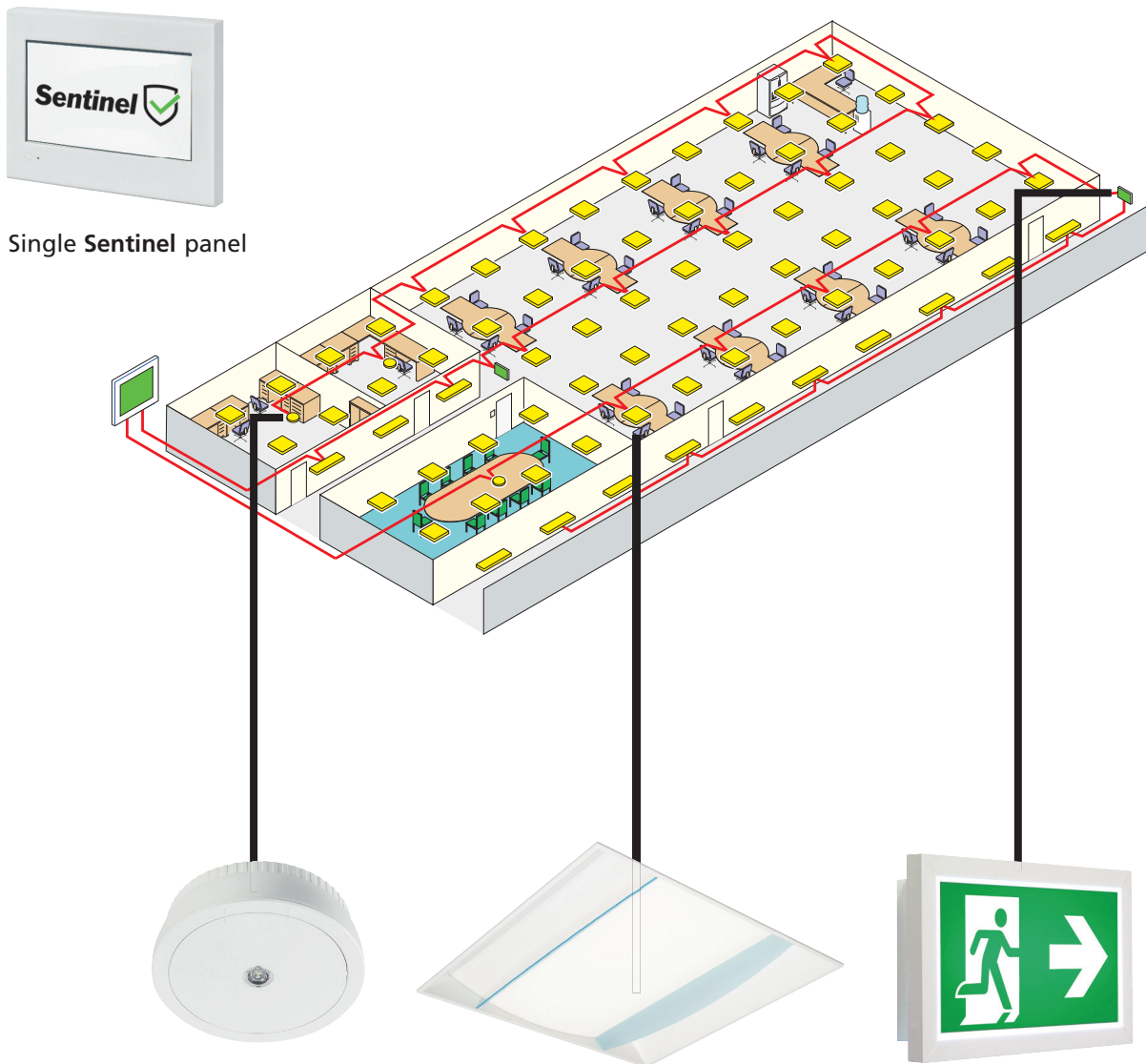

Surface mounted **Sentinel** panel

195mm

250mm

Sentinel

Operational features of the **Sentinel** system include:

✓ Password protected active functions

✓ Commissioning data can be entered via the touch screen, a USB dongle or **SentiLink** software

✓ Devices can be addressed individually, by 'BUS' or by 'Group'

✓ **Sentinel** will automatically find replacement devices during maintenance

✓ Automatic status notifications are logged in **Sentinel**'s non-volatile memory and can be downloaded by USB or **SentiLink** software

✓ **Sentinel** is IoT-ready

TYPICAL SMALL INSTALLATION
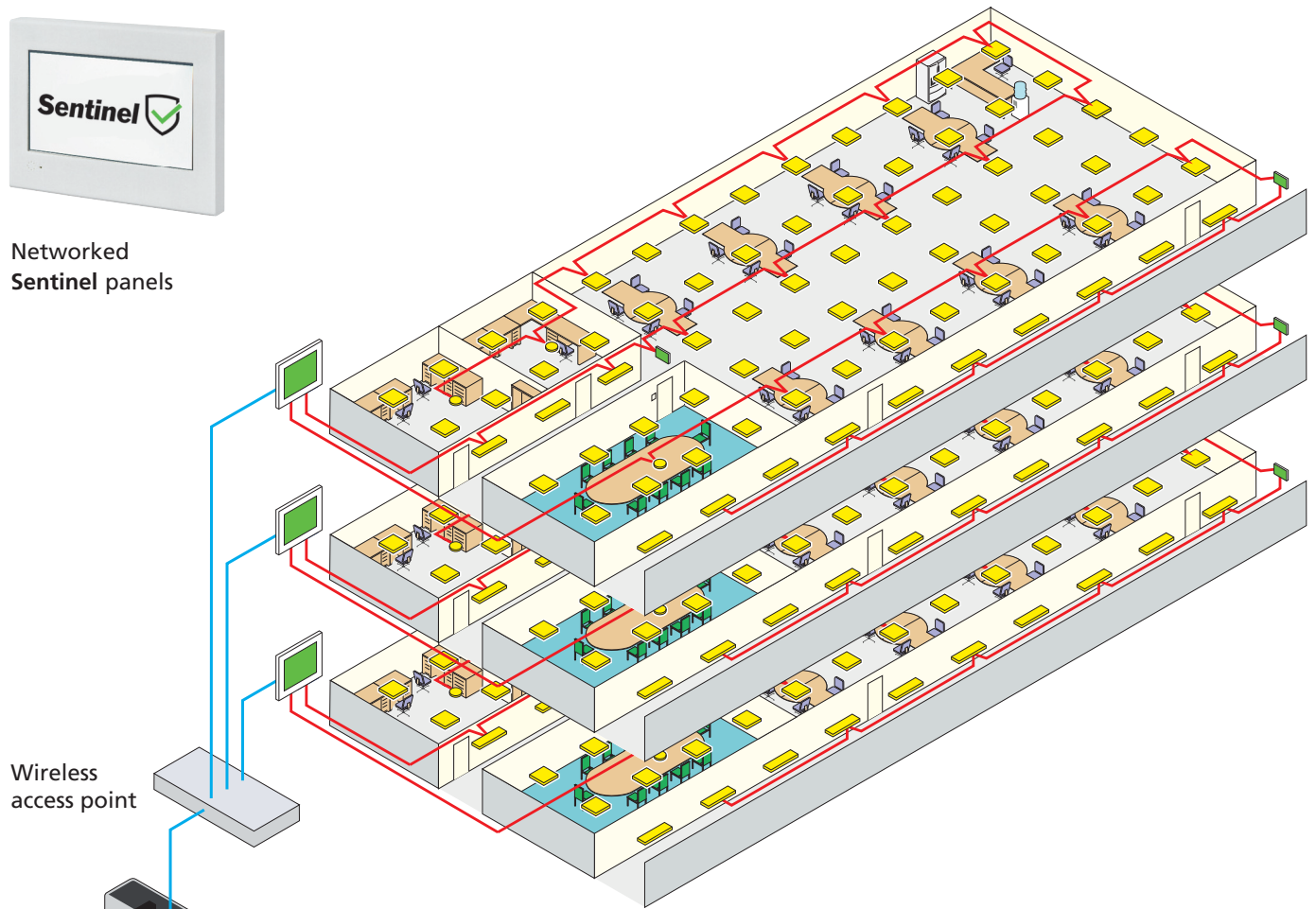
Single **Sentinel** panel

SentiLink

SentiLink is dedicated PC software which allows for multiple **Sentinel** panels to be seamlessly monitored and controlled across a network.

SentiLink has been developed to provide a single coherent solution to manage the emergency lighting installations of larger estates.

TYPICAL MULTI-ZONE INSTALLATION
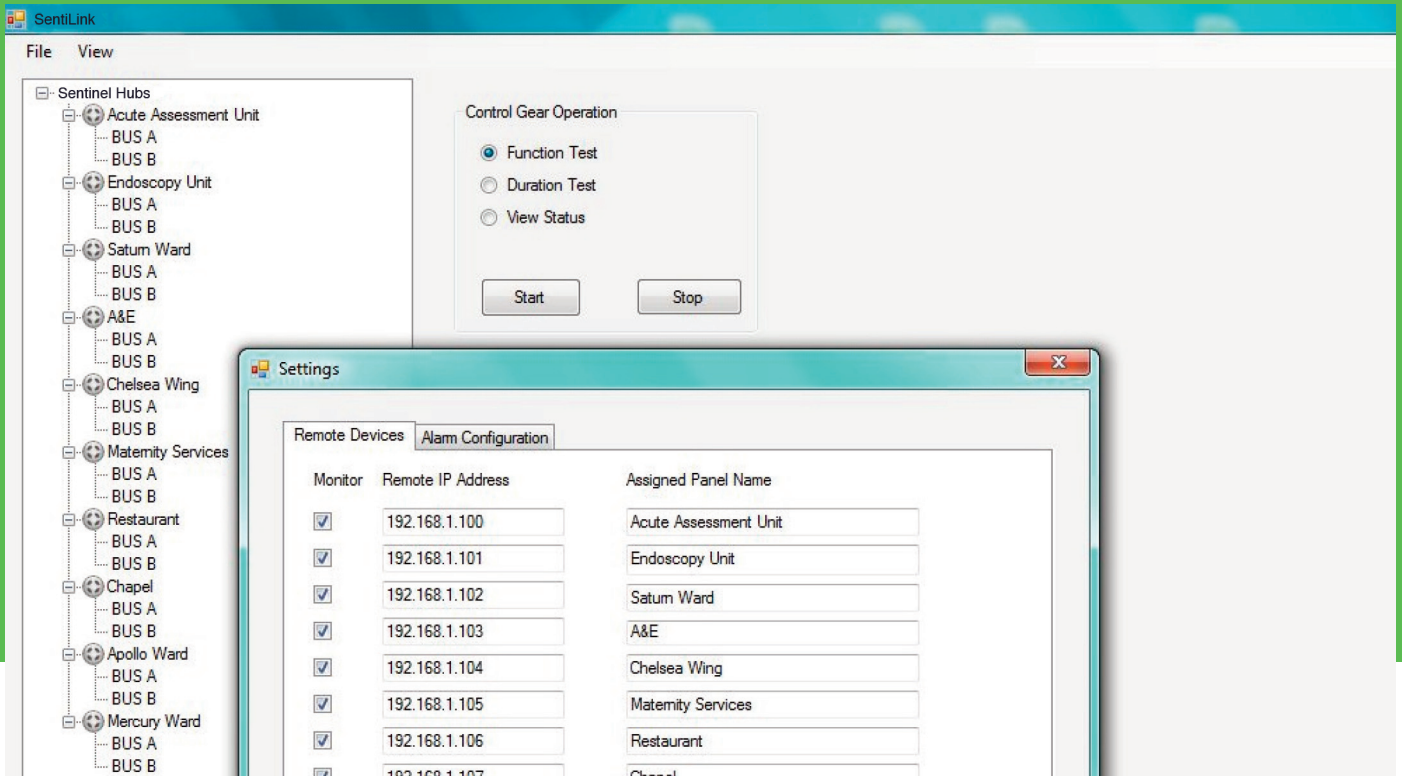

Networked
Sentinel panels

Wireless
access point

Remote connection to
network using **SentiLink**
software

Sentinel is a standalone emergency lighting test system providing fully interoperable DALI monitoring, testing and reporting to BS EN 62034. The system's simplicity means that the user can be assured that the emergency lighting installation is being routinely tested and monitored in accordance with BS EN 50172. The design and size of the innovative full colour touch screen makes setting up test schedules or checking test results very simple.

Each Sentinel panel is capable of connection to 128 devices. For larger installations SentiLink software can be deployed to provide a fully scalable system.

Once commissioned the SentiLink system will carry out function tests and duration tests automatically on scheduled dates and times. While everything is healthy the Sentinel screen will remain blank unless touched in which case it will show the 'tick' screen indicating all is well.

In the event of a failure during a test, or if a battery/charger problem occurs, the screen will automatically come on with a warning triangle and, if selected during commissioning, the integral warning buzzer will also sound.

When the screen is active simple touch buttons are also enabled that allow easy access to any fault reports or a password protected engineer's menu.

Alternatively a SentiLink enabled system can be configured to automatically notify a maintenance engineer of both the nature and location of any faults. These detailed system reports allow for a strategy of planned maintenance to be implemented.

Sentinel screen in 'fault' mode

SentiLink

P & A Projects Limited
Sentinel
Input: 230V AC 50mA
Output: 2 x 18V DC 250mA
Made in UK

Ethernet

CE

E N L   Bus A Bus B

P&A/Projects

DALI

IoT

SentiLink

Sentinel