



Stanilite® Nexus®RF Infinity

ABB's Stanilite NexusRF Infinity offers the next quantum leap in monitored emergency and exit lighting



—
Emergency lighting
device installed
in a modern office.

First-of-its-kind in monitored emergency and exit lighting

Stanilite® Nexus®RF Infinity enables customers to set-up, maintain and control their entire emergency lighting installations digitally. It provides a real-time overview of your system which in turn saves time, enables better maintenance practices and enhances building safety.



A locally developed innovation by ABB's Australian Emergency Lighting R&D team, the NexusRF Infinity system builds on the solid foundation of the NexusRF wireless system and now incorporates digital enhancements to increase all aspects of the product life cycle.

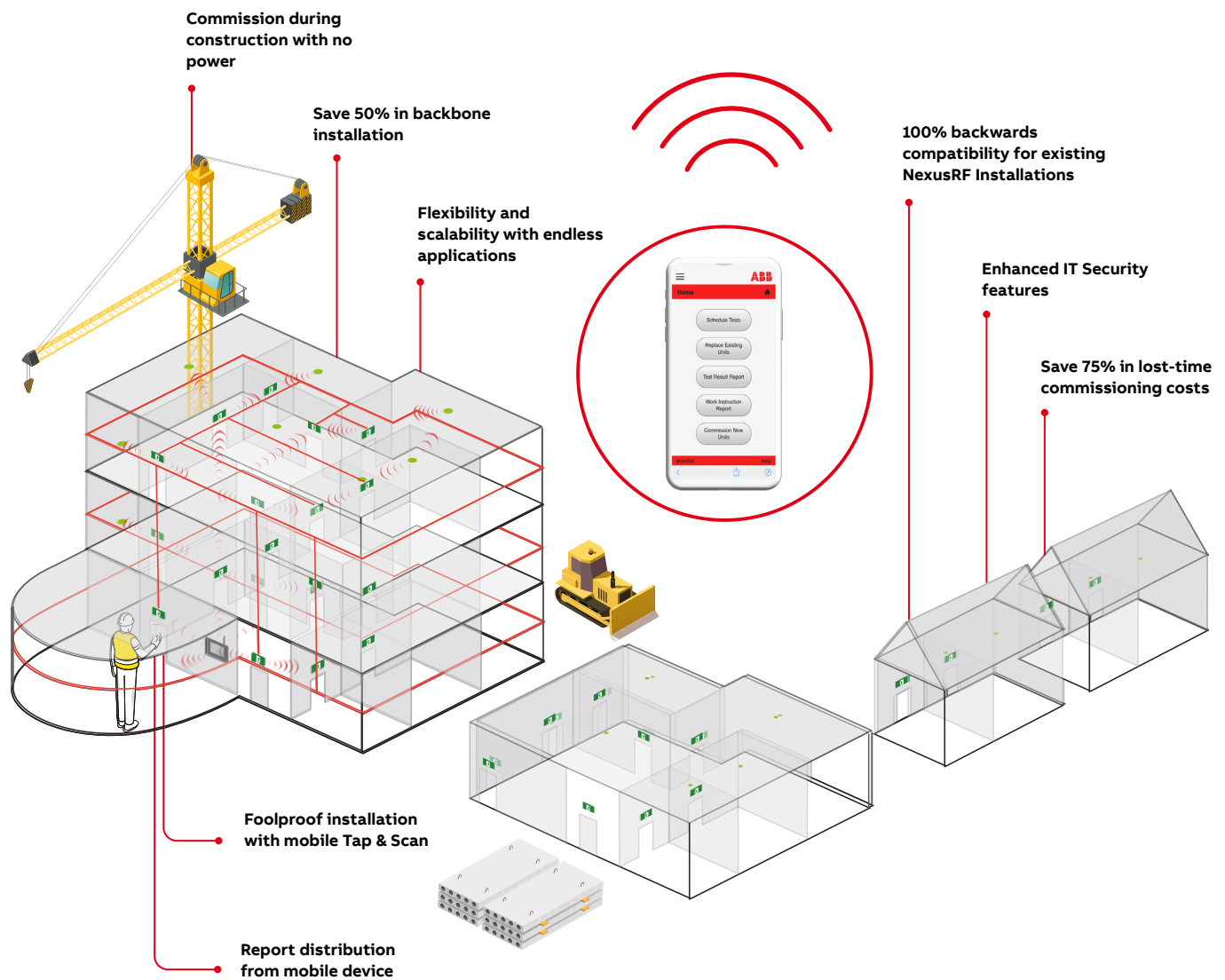
NexusRF Infinity gives a digital overview through a mobile optimised web interface which gives users instant information to assist resource planning and enhance building safety, which can be processed directly from a smart device.

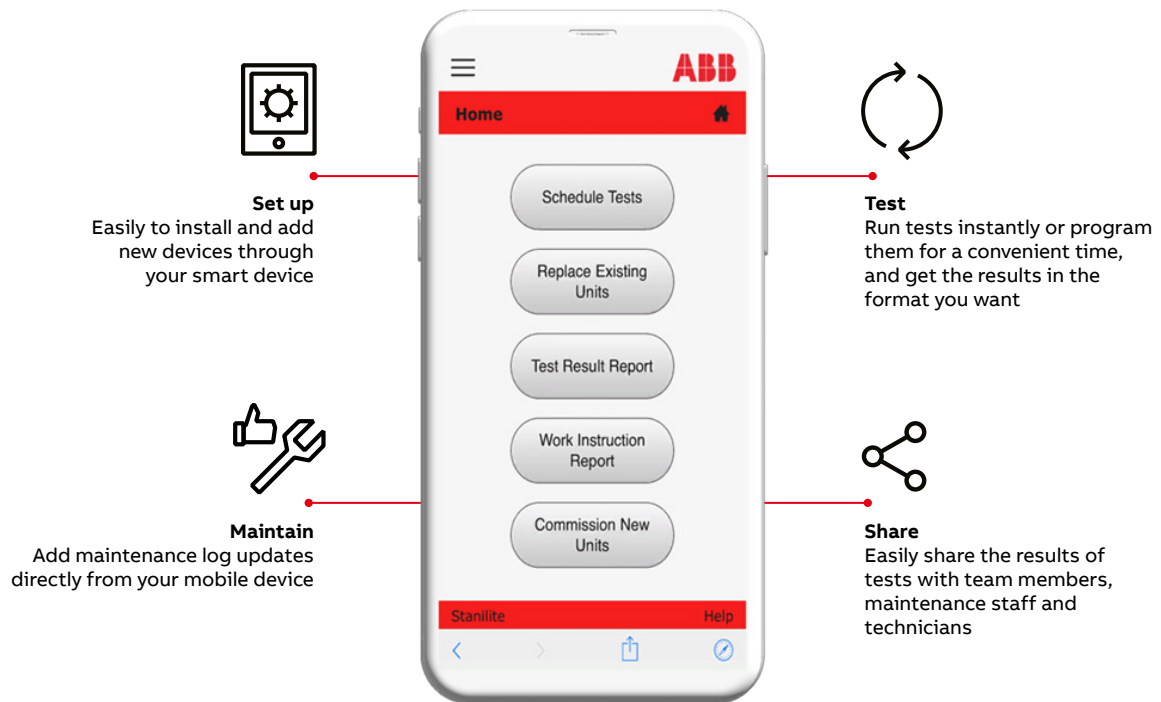
The product also includes dynamic mesh networking. This ensures multiple potential communications paths that form automatically and dynamically, with automatic route optimisation to ensure trouble free operation.

Installers realise significant time and cost savings with features such as mobile phone commissioning and report distribution. Those smarts continue into long-term operations and maintenance value via easy integration with building management systems.

Advanced analytics and smart lighting

The guiding design principals for Nexus®RF Infinity are to make it as simple as possible to use for both the installer and end user.



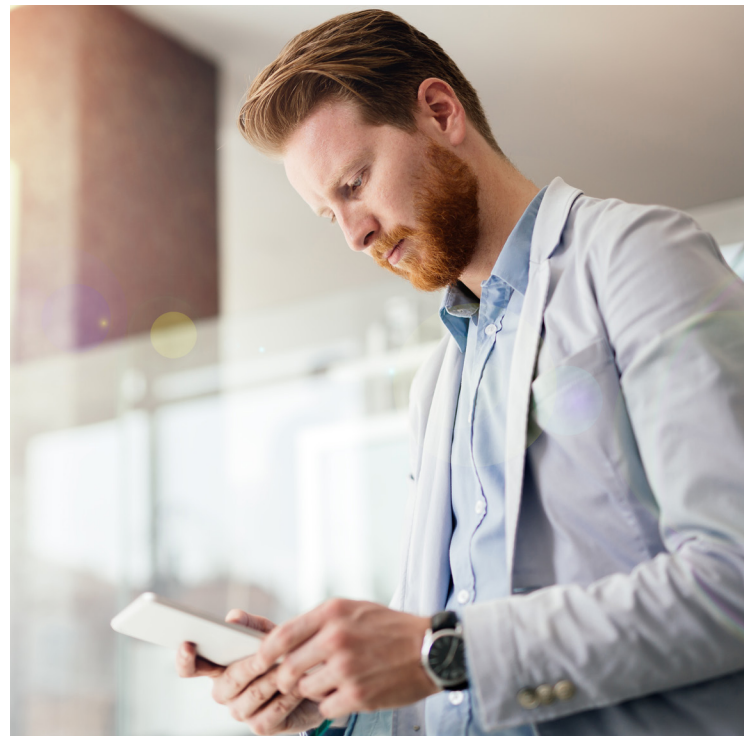


By harnessing the power of the mobile connectivity, Stanilite NexusRF Infinity unlocks and provides access to data and account management tools, allowing users to manage their emergency lighting system from anywhere, anytime.

For customers, this can reduce operating costs dramatically and will be one of the key elements for building owners and facility managers to reduce the total cost of ownership of safety systems in the future.

Another key element of NexusRF Infinity is the new commissioning method and interface which brings a 75% reduction of the commissioning time for installers and electrical contractors.

On top of this, functional and duration testing can be easily programmed with a mobile optimised web platform making compliance to Australian and New Zealand Standards a simple task.



Nexus®RF Infinity – leading innovation for monitored emergency lighting

NexusRF Infinity builds on the strong foundation of Nexus with numerous additional advantages including further cost reductions in the establishment and maintenance of an emergency lighting monitoring system. The decision to use NexusRF Infinity as your monitored emergency and evacuation lighting system is easily made and will stand the test of time.



Endless applications

Freed from the need for a dedicated cable network and PC, the NexusRF Infinity system has the potential to be used in a variety of applications that previous systems found difficult or were cost prohibitive. These include:

- Upgrading existing buildings – without the need to run cables throughout the building, the upgrade of existing sites is child's play
- Small sites – the elimination of the PC as the head end coupled with the elimination of the data cable means that the cost to set up a small site is significantly reduced. This means that there are long-term financial benefits even to sites under 100 fittings.
- Multiple buildings – the flexibility in backbone selection with the NexusRF Infinity system means that running multiple buildings on one site through an integrated system is no hassle.



Commissioning labour savings

Thanks to tap & scan technology, the commissioning of emergency lighting can be done simply by using a smart device with a camera and NexusRF Infinity.

This avoids the lengthy, error-prone manual spreadsheet process.

The process can also be done before there is power to your site, which means that physical data cables and server computers can now be a thing of the past during commissioning.

NexusRF Infinity allows you to set-up, maintain and control emergency lighting with the tap of a button.

Nexus®RF Infinity provides even greater whole-of-life value by reducing upfront and ongoing equipment and installation costs and extending the product lifecycle.

For installers, they enjoy the efficiency of features such as mobile phone commissioning and report distribution – with huge time and cost benefits.

For facilities managers, they can extend their prior investments via backwards compatibility between Infinity and existing NexusRF installations.



Ongoing labour savings

NexusRF Infinity will deliver the long-term cost benefits of a monitored system along with the added advantage of reduced installation costs.

Benefits such as mobile phone report distribution and tap and scan replacement functionality drive further value as maintenance teams can deliver their work with greater efficiency.

NexusRF Infinity enables the user to remotely test light fittings and retrieve status information. The fittings will automatically transmit their status in real-time ensuring the system always has an accurate record of the fitting's status.



Reliability

Emergency Lighting is an essential building safety system. You cannot afford for this system to fall into disrepair and hence you need to be able to rely upon your monitoring system to accurately advise of required maintenance. Stanilite has built its reputation upon quality product and the NexusRF Infinity system is the result of more than 15 years R&D and experience into the best communications platform to ensure a highly reliable diagnostic tool.

- 900 MHz mesh networking system
- Automatic route optimisation ensures the shortest path is used each time
- Optimum channel selection
- Foolproof installation
- Self-monitoring
- Simple Australian Standards compliance



ABB Australia Pty Limited

For enquiries

Phone: 1800 161 345

E-mail: AU-EP-sales@abb.com

www.nexusrfinity.com.au



Note: We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilisation of its contents – in whole or in parts – is forbidden without prior written consent of ABB.
Copyright © 2020 ABB
All rights reserved