TRIDONIC
▼ enlightening your ideas

luxCONTROL

Lighting management solution – connecDIM

One Room   **One Floor**   **One Building**   **One City**

Controlling and managing light has never been easier

connecDIM is Tridonic's next generation distributed
smart lighting management solution

This innovative lighting management solution provides an excellent platform for smart, cost-effective and user-friendly control and lighting management from a few simple DALI devices up to a complex lighting system in a building.

Whether it is an existing or new DALI infrastructure, your lighting installation can easily be connected via the connecDIM gateway to the connecDIM cloud. It uploads all your lighting data information and parameters to a central cloud web-server. Access can be enabled anywhere and anytime remotely through internet.

The heart of this distributed lighting management solution is the connecDIM gateway. This piece of hardware makes it possible to collect the data (from the DALI devices) and translate the information via TCP/IP to the cloud. Information and energy monitoring can be easily reported. It enables also the wireless commissioning via the iPhone, iPad or Android smart devices. To setup and configure a DALI installation is now easier and faster.

Features

Wireless commissioning & control
through Apps (iOS or Android smart devices)

Advanced management and reporting
through cloud based services, available 24/7

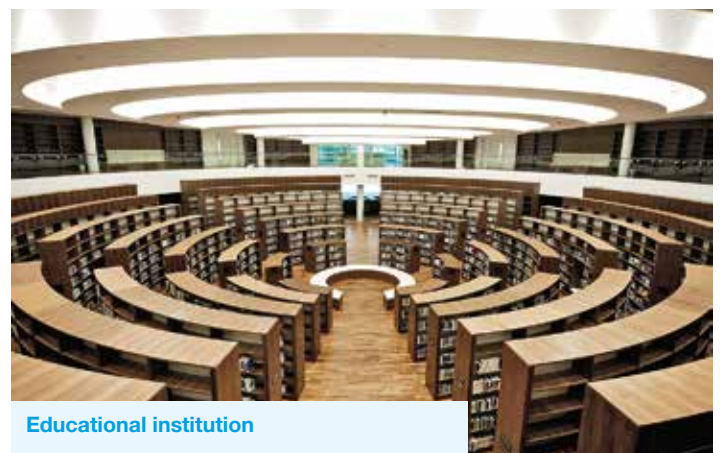**Automated emergency testing and reporting**
to local relevant standards

Backwards compatible
Upgrade your existing DALI lines or existing DALI luminaires, regardless of T8 or T5 or latest LED technologies

Suitable for lighting installation
over multiple rooms and mutliple campus applications

Typical applications

Supermarket

Commercial building

Office Building

Educational institution

Benefits

With connecDIM everyone benefits:
Installation and Maintenance becomes
more user friendly and efficient

Building Owner

Facility Manager

Building User

System integrator

▼ **Saves time and cost**

__ Commisioning via tablet or smartphones
__ Inexpensive solution using industrial standard hardware
   and internet technologies
__ Unlimited number of gateways in the system
__ With one gateway, up to 4 DALI lines can be controlled

▼ **Saving energy**

Central monitoring system gives the ability to identify and ex-ploit potential energy savings in a lighting system.
connecDIM data in the cloud enables an intelligent energy analysis tool. The energy consumption of a building can be reduced during expensive peaks or periods. During this time all the luminaires can be set to a lower dimming value.

▼ **Commissioning has never been so easy**

Wireless commissioning via tablet allows:
__ DALI device addressing
__ Testing of each DALI device
__ Group and scene settings
__ Linking within the same gateway
   and across multiple gateways
__ Easy address finding function

▼ **Adapted to your individual needs**

Any user can control light according to his or her needs via smartphone:
__ Switch lights on and off
__ Dim up and down
__ Colour control of LED Tunable White
   solutions
__ EM units status check
__ Create your own favourites

▼ **3D Visualisation**

With the 3D visualisation tool, errors will be indicated by the icon of the luminaire turning red. Additionally by moving the cursor over any luminaire, information regar-ding its address, group and advanced information such as, maximum, minimum, power on, system failure levels, operating time, active days, strikes per day, total strikes, group information, scene information,dim levels, short addresses, location and device type as well as emergency test information.

▼ **Future Proof**

Plug and play and expand into the future. Lighting manage-ment with connecDIM provides future protection. It offers new system expansion options with full integration into a building management system as desired. Integration to a BMS system can be achieved via interfacing through the JSON-RPC pro-tocols.
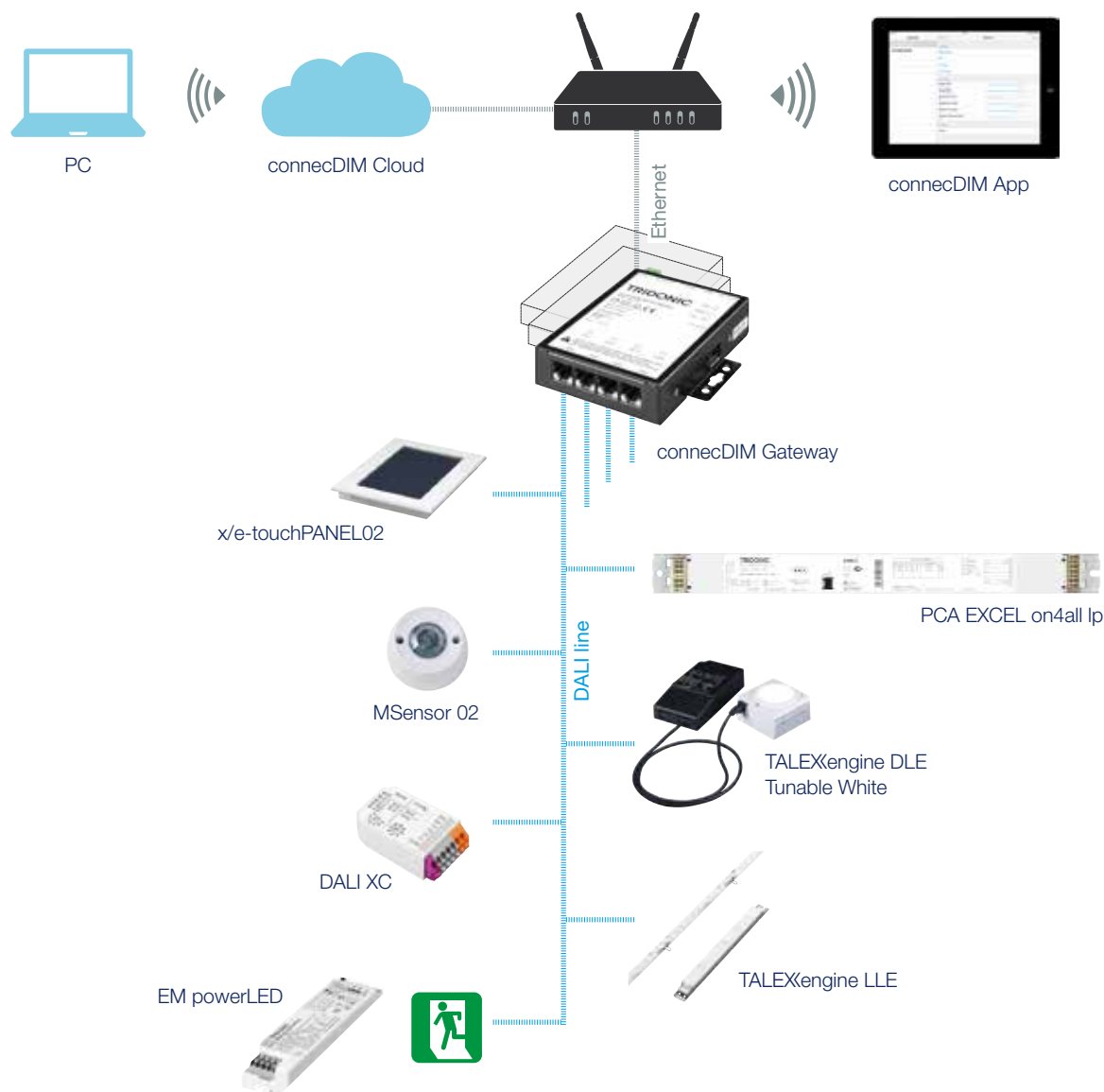
▼ **Automated emergency testing and reporting**

Facilitate maintenance and centralised monitoring. Reporting of functionality and duration testing and failures. (selec-table and reported via email notification)

How to install connecDIM

connecDIM is compatible to Tridonic's full range of DALI products

PC

connecDIM Cloud

Ethernet

connecDIM App

connecDIM Gateway

x/e-touchPANEL02

PCA EXCEL on4all lp

MSensor 02

TALEXXengine DLE Tunable White

DALI line

DALI XC

EM powerLED

TALEXXengine LLE

▼ **Upgrade your existing DALI lines**

__ Backwards compatible
__ Existing DALI luminaires, regardless of T8 or T5 or latest LED technologies
__ Use existing DALI controls
__ Add new wireless controls through Apps (iOS or Android smart devices)
__ Colour control of LED Tunable White solutions

▼ **Add to a new DALI site**

__ Wireless commissioning
__ Addressing, testing, group and scene setting
__ Wireless remote control
__ On/off
__ Dimming
__ Colour control
__ EM units status check
__ Bridging function

connecDIM

Controlling and managing light is just a few easy steps away
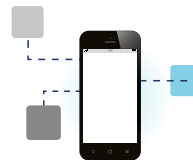
Step No. 1

Set up your DALI network
with sensors, pushbuttons, touchpanels and DALI devices – all connected to a DALI line.

Step No. 2

Install connecDIM gateway
Links the DALI lines and enables interoperation between all DALI standard devices. Enables wireless control through a standard wifi-router with a iOS or Android device. Once connected to the internet, it uploads all lighting data to the connecDIM Cloud.

Step No. 3

Download your matching App for tablet or smartphone
connecDIM Lite: App made for users to control their individual lights within the wifi-network.
connecDIM Architect: App made for commissioning used by electrician/ integrators and for maintenance.
connecDIM EM: App made for maintenance people to monitor and maintain emergency devices.

Step No. 4

Log-in to connecDIM Cloud (optional)
Online 24/7 worldwide available service through an internet browser on Windows or Mac.
Monitoring site remotely, Schedule synchronisation, Maintenance, Emergency lighting tests, Energy Monitoring, Offsite Backup, Global Management & Reporting

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