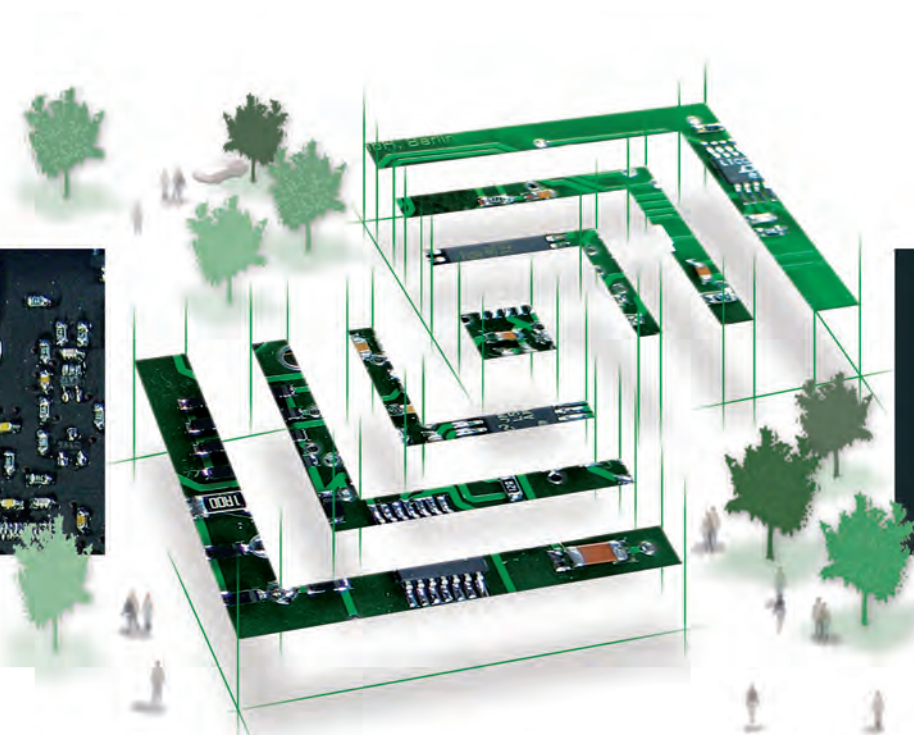
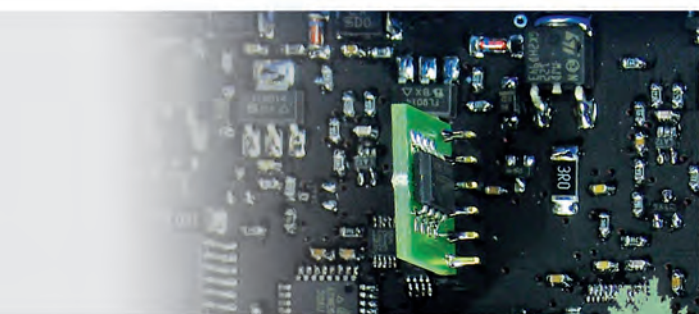


Cross-System Lighting Management



EUTRAC®



**Intelligent
Lighting**

The smart revolution in digital lighting management

EUTRAC Intelligent Lighting presents a new,
cross-system lighting management system.

Modern lighting management

The days when lights could only be switched on and off have gone for good. In many application areas where multi-functionality and flexibility are essential, a professional lighting management system is now accepted as a standard technology. Lighting management systems have become an established component of modern lighting solutions and an essential part of the toolkit of lighting consultant and architect. As well as ensuring flexibility and comfort when it comes to light moods, lighting management also guarantees energy-efficiency in the operation of lighting systems.



Beyond the DALI interface digital communication between DMX and wireless Wi-Fx systems is possible in one lighting system

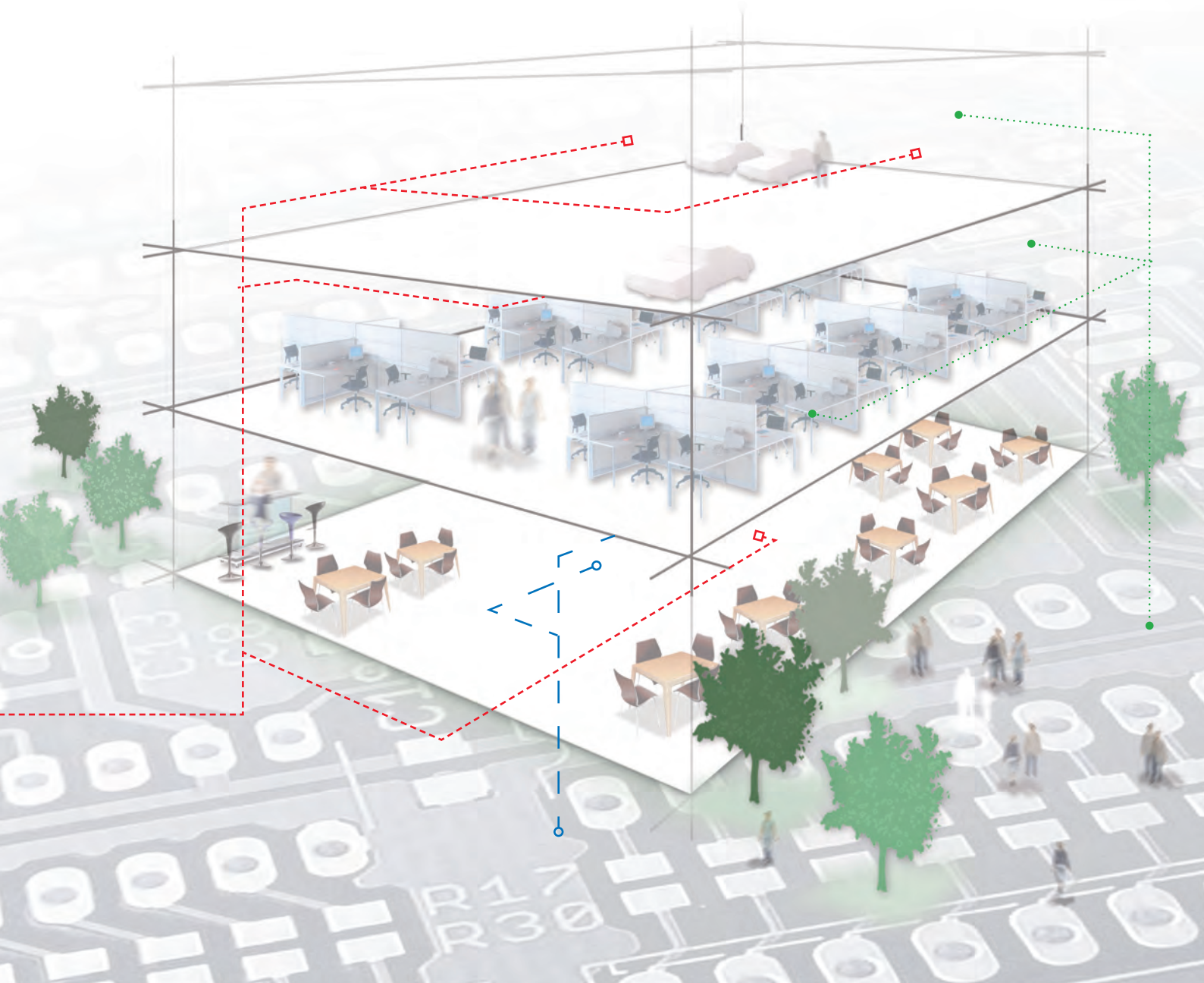
- **Energy-efficient lighting:** To prevent energy consumption, presence detectors and daylight sensors as well as automatic disconnection from the mains network in standby mode, help improving the energy balance
- **Flexible lighting:** Practical and economical solutions for multi-functional use of rooms and buildings
- **Ambience lighting:** Emotional wellness lighting and colour control for light moods and light experiences
- **Scenic lighting:** Creativity for sales, presentations and building facades as well as for events or theatres



A new system concept: EUTRAC Intelligent Lighting

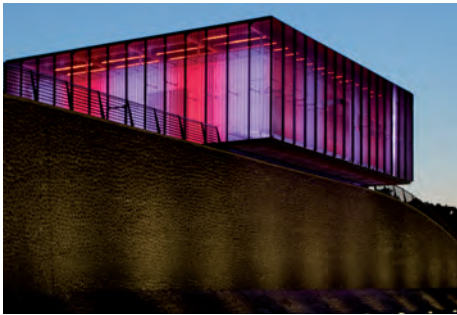
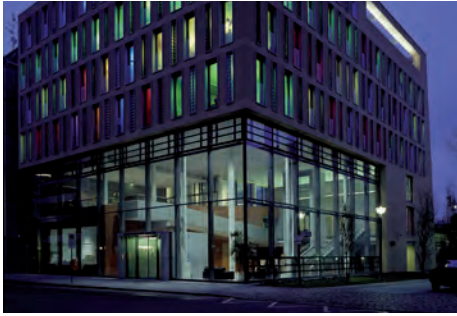
EUTRAC Intelligent Lighting represents a smart revolution in modern lighting management. New, cross-system lighting management by EUTRAC forms the basis for intelligent, cost-efficient and user-friendly management of complex lighting systems, beyond the 64 conventional DALI components.

The uses for modern lighting management with EUTRAC Intelligent Lighting are many...





Intelligent Lighting...



... for individual projects:

❖ Public buildings ❖ offices ❖ conferences

Calling light scenes for different activities, motion sensors for lights in offices or other workplaces and light sensors for daylight-dependent lighting management. Besides visual ergonomics, intelligent lighting management also offers significant potential for savings on energy costs in offices and administrative buildings.

❖ Exhibitions ❖ museums ❖ trade fairs

Exhibits and presentations depend on the right light. In museums and at trade fairs, EUTRAC Intelligent Lighting can offer new possibilities for showing objects in the right light at the right time. Using timers, dimmers and light/motion sensors, lighting management can offer a whole range of technical possibilities to ensure intelligent use of modern lighting technology. This not only saves energy but may bring benefits for reasons of conservation too.

❖ Architecture ❖ building facades ❖ events

Creative light scenes convert building facades and stages for shows or events into unique experiences. Use of specific lights at a building will help improve corporate appearance. Media facades are in addition increasingly used to communicate visual messages and can be flexibly programmed with the help of a professional lighting management system.

❖ Hotels ❖ restaurants ❖ shops

Today's products and brands are set in scenes using light. Modern lighting management offers convenient and practical solutions for sales showrooms, hotels and restaurants. Automatic light sequences can be used for dynamic lighting in shops. A room can be simply redecorated using blend of coloured light, changing its appearance without having to change the room itself.

❖ Airports ❖ stations ❖ underground garages

Due to lighting management systems, lighting in public areas increasingly become more professional. With EUTRAC Intelligent Lighting, light can be optimised and adjusted according to requirements. Light will be regulate in brightness and colour, switched on and off or dimmed according to times or events.

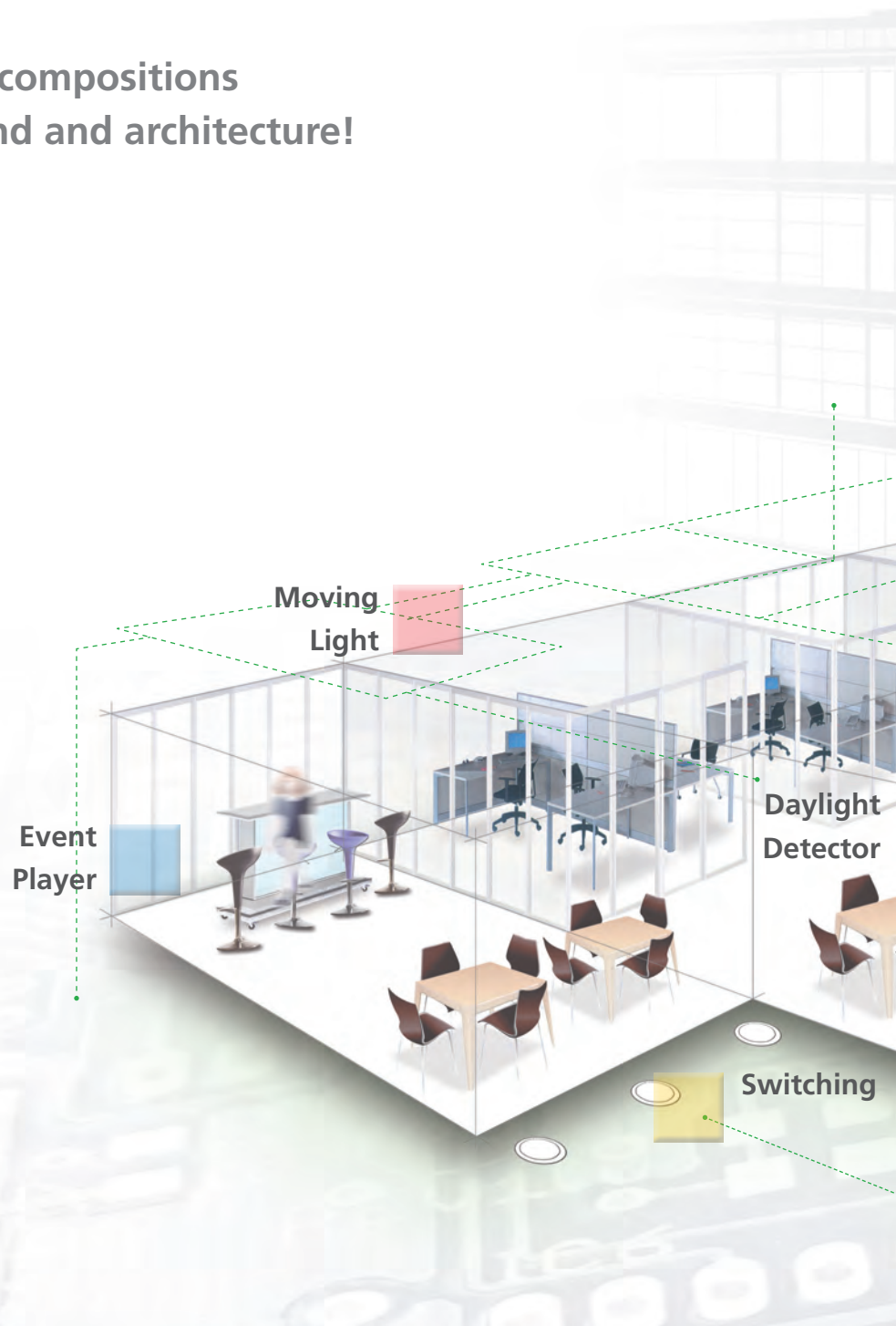


Discover the wide range of functionality of EUTRAC Intelligent Lighting!

Want to equip a single office area with automatic daylight control or install motion sensors in an entire art gallery? Planning to install a media facade? Or intending to incorporate lighting management into a building automation system via an open interface? Whether you're on the lookout for lighting management solutions or trying to solve complex design tasks, EUTRAC Intelligent Lighting is perfect for all application areas.

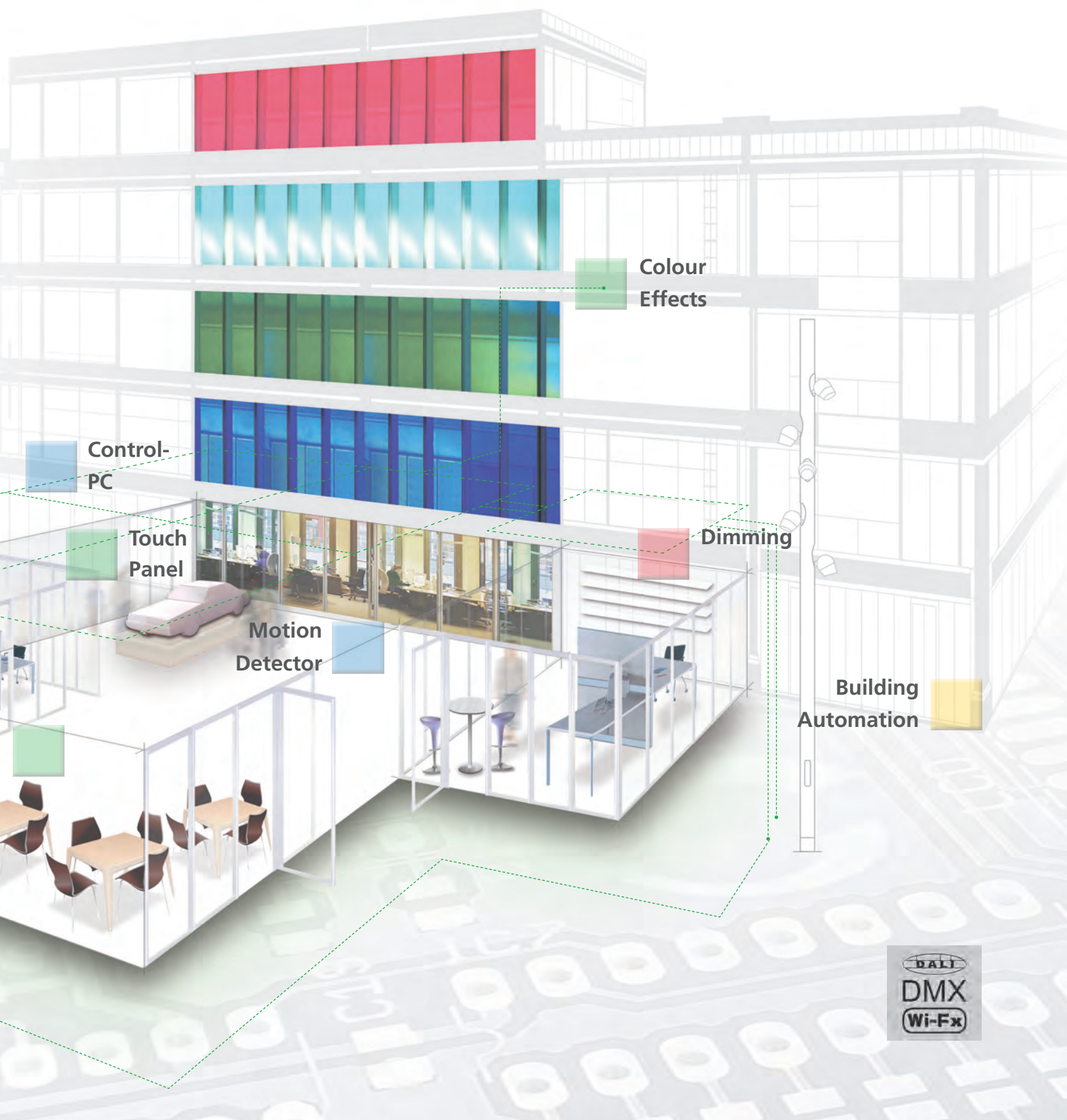
Create your own room compositions using light, colour, sound and architecture!

The EUTRAC Event Player will turn a room into an art-work of light and sound creating an unique audiovisual performance where music can be assigned to light scenes and dynamic loops coordinated with sounds. The Event Player is an ideal tool to design interactive events in museums for example or completely redefining wellness areas with a show of light and sound effects, allowing you to be your own light and sound composer.



... the cross-system light management concept

Use the flexibility to exploit new creative light spaces. With EUTRAC Intelligent Lighting, it becomes a simple task to convert a large meeting room into small individual offices or a restaurant into a ballroom. Just let your imagination unfold.





The heart of EUTRAC Intelligent Lighting ...

...is the NetComposer. This is the brain which communicates with all system components via three digital control protocols, DALI, DMX and wireless Wi-Fx. Up to 255 NetComposers can be integrated into a building's network structure, capable of organising and managing around 32,000 lights in total. All lighting fixtures can be assigned into 128 global groups and 128 global light scenes. The practical benefits of the NetComposer: On the one hand, it permits simple, practice-based lighting solutions for up to 128 DALI devices with in two DALI lines via the DALI interface. On other hand, using DMX, which is used for architecture lighting and event technology, with maximum in flexibility and security, fast transfer of data via up to 1024 DMX channels per device. The Wi-Fx standard additionally represents a new wireless option for innovative lighting management. This radio network standard connects 128 end devices per wireless network, based on ZigBee wireless technology.

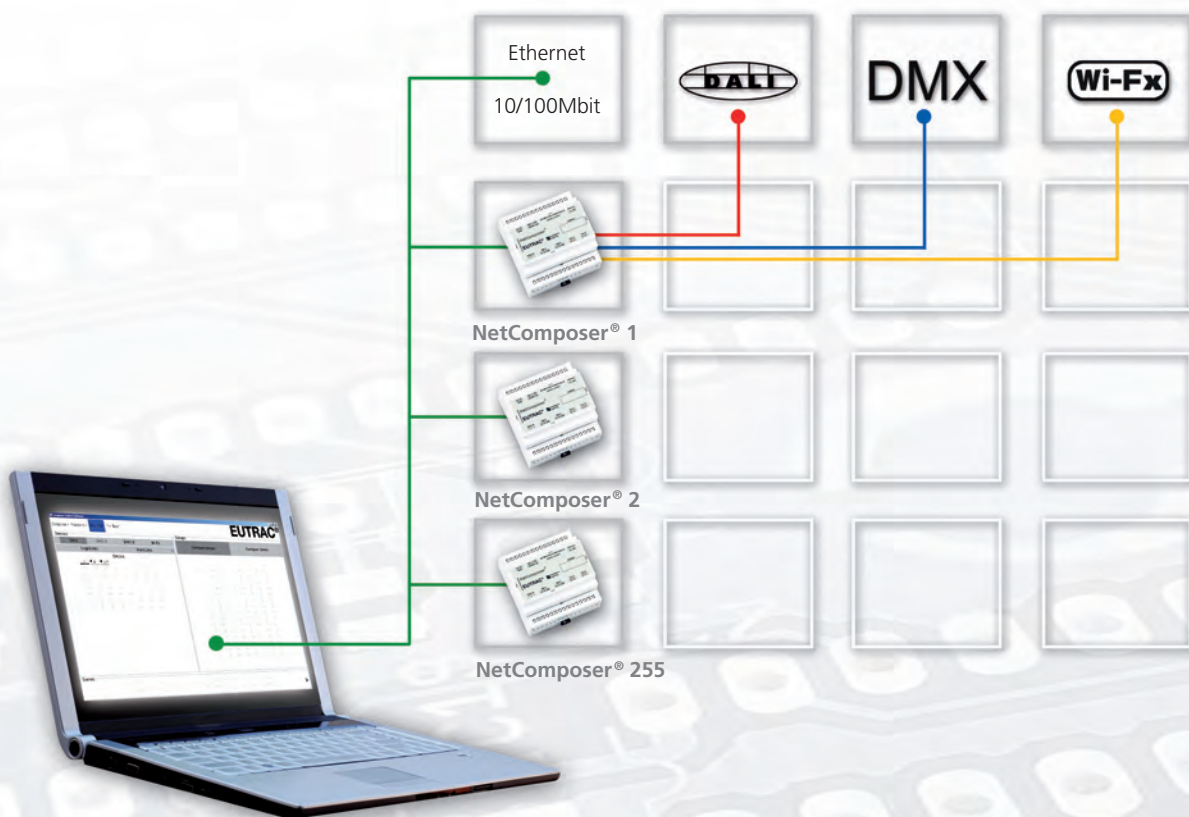


New and innovative sensors, Event Player and a comprehensive selection of accessories complete the EUTRAC Intelligent Lighting product range.



...benefits in detail

Setting and recalling the individual light moods and sequences is made extremely user-friendly and intuitive with the NetComposer lighting management software. All component parts of the lighting system can be addressed with just a few clicks of the mouse. By right-clicking the mouse, the light mixing desk will open up. A timer programme with an Astro function handles time-based lighting management automatically. With only one click, effective light settings can be selected, using coloured light or moving light functions. Further the NetComposer software tools include daylight regulation and presence sensors. The main attraction of this software is that, due to its single-window concept, all three control systems DALI, DMX and wireless Wi-Fx can be operated clearly in one window. The mains network disconnection function is another key feature. This entirely eliminates standby load of DALI luminaires (max. 0.5W per luminaire) when they are switched off. If groups of lights are not required, the mains network supply for all this DALI luminaires will be disconnected via an integrated relay contact. For a large building containing 32.000 DALI-lights, this will mean a saving on standby energy of up to 100.000 kWh per annum.



PRODUCTS

Lighting Control



LightComposer LCR
[DALI] [DMX] [24V] [USB]

98-400-0



LightComposer LCB
(OEM-PCB)
[DALI] [DMX] [24V] [USB]

98-401-0



NetComposer NCR
[2xDALI] [2xDMX]
[24V] [LAN]

98-402-0



NetComposer NCRZ
[2xDALI] [2xDMX] [Wi-Fx]
[24V] [LAN]
(from Q3 / 2010)

98-403-0



Lighting Control for EUTRAC track



NetComposer NCT
[DALI] [DMX] [240V] [WLAN]

98-410 -1 ○ -2 ● -3 ◇



NetComposer NCTZ
[DALI] [DMX] [Wi-Fx] [240V]
[WLAN]
(from Q3 / 2010)

98-411 -1 ○ -2 ● -3 ◇

System Components



TrackLinkButton TLB4
[DALI]

98-420-0



TrackLink-REG TLR8
[DALI]

98-425-0



Eventplayer
[MP3] [DALI]
98-423-0
[MP3] [DMX]
98-424-0

ACCESSORIES



Power supply for 1 LCR / NCR
[24VDC] [0,65A]

98-470-0



COMPOSER
Software for PC
free Download

98-460-0



OEM LED Controller PCB:
4-Kanal LED Controller
LC4 - 350
[DALI] [DMX]
98-450-0



Power supply for 3 LCR / NCR
[24VDC] [1,80A]

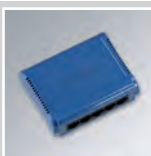
98-471-0



COMPOSER APP
for i-Phone / i-Pad
APPLE App - Store

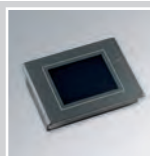


OEM LED Controller PCB:
4-Kanal LED Controller
LC4 - 350
[DA09] [DMX]
98-451-0



Network switch for 2-4 NCR
[LAN]

98-472-0



5,7" Touch panel wall mounted
[LAN] [230V]

98-462-0 on request

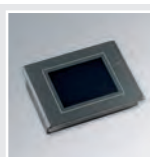


OEM LED Controller PCB:
4-Kanal LED Controller
LC4Z - 350
[Wi-Fx] (from Q3 / 2010)
98-452-0



WLAN Access Point
[WLAN] for NCR

on request



12" Touch panel wall mounted
[LAN] [230V]

98-463-0 on request



Databus - Adaptor for EUTRAC Track

99-765-1 ○ -2 ●



Project - Visualisation tool
for PC and touch panel

on request

white ○

black ●

silver ◇



PRODUCTS

System Components



LightMotionSensor LMS
[DALI]

98-421 -1 ○ -2 ● -3 ◇



LightSpectrumSensor LSS [LAN]

98-422-0



LightColour-REG [DA09]

98-633-0

Dimming



LightDim600 [DALI]
98-430-0 [DMX]
98-431-0



LightDim1200 [DALI]
98-432-0 [DMX]
98-433-0



LightDim2400 [DALI]
98-434-0 [DMX]
98-435-0

Switching



LightSwitch-LSR2 [DALI] [DMX]
98-440-0



LightSwitch LSZ [DALI] [IP67] [Wi-Fx] (from Q3 / 2010)
98-441-0



ACCESSORIES



OEM dim PCB:
LightDim [DALI] [120V]

98-508-0



OEM switch PCB:
LightSwitch [DALI] [120V]

98-507-0



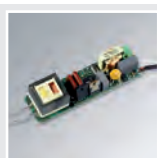
OEM dim PCB:
LightDim [DALI] [240V]

99-694-0



OEM switch PCB:
LightSwitch [DALI] [240V]

99-693-0



OEM dim PCB
LightDim NV [DALI] (12V/105VA)

98-436-0

EUTRAC Intelligent Lighting products ...
...for future oriented lighting solutions



white ○

black ●

silver ◇

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