

siteco

# Outdoor lighting control SITECO Connect.

Intelligent lighting control for the optimum triad of energy savings, nature conservation and safety.

Intelligently  
expand, control and  
monitor city lighting:

**with SITECO  
Connect**





# Why lighting control? Because everyone benefits!

Save energy. Reduce CO<sub>2</sub> consumption.  
Transparently monitor your installation.  
Increase safety for the general public.  
Do something good for nature and wildlife.

Time-based and situational lighting control with SITECO Connect provides companies with impressive usage options that ultimately result in one thing:

**a lighting solution that benefits everyone.**



How can a control system benefit you financially? We'd be happy to find out for you. We will assess your installation on site and determine how much you can save. Register now for an energy-savings check: [siteco.com/solutions/light-audit](http://siteco.com/solutions/light-audit)



# What is the benefit of lighting control? Significant savings!

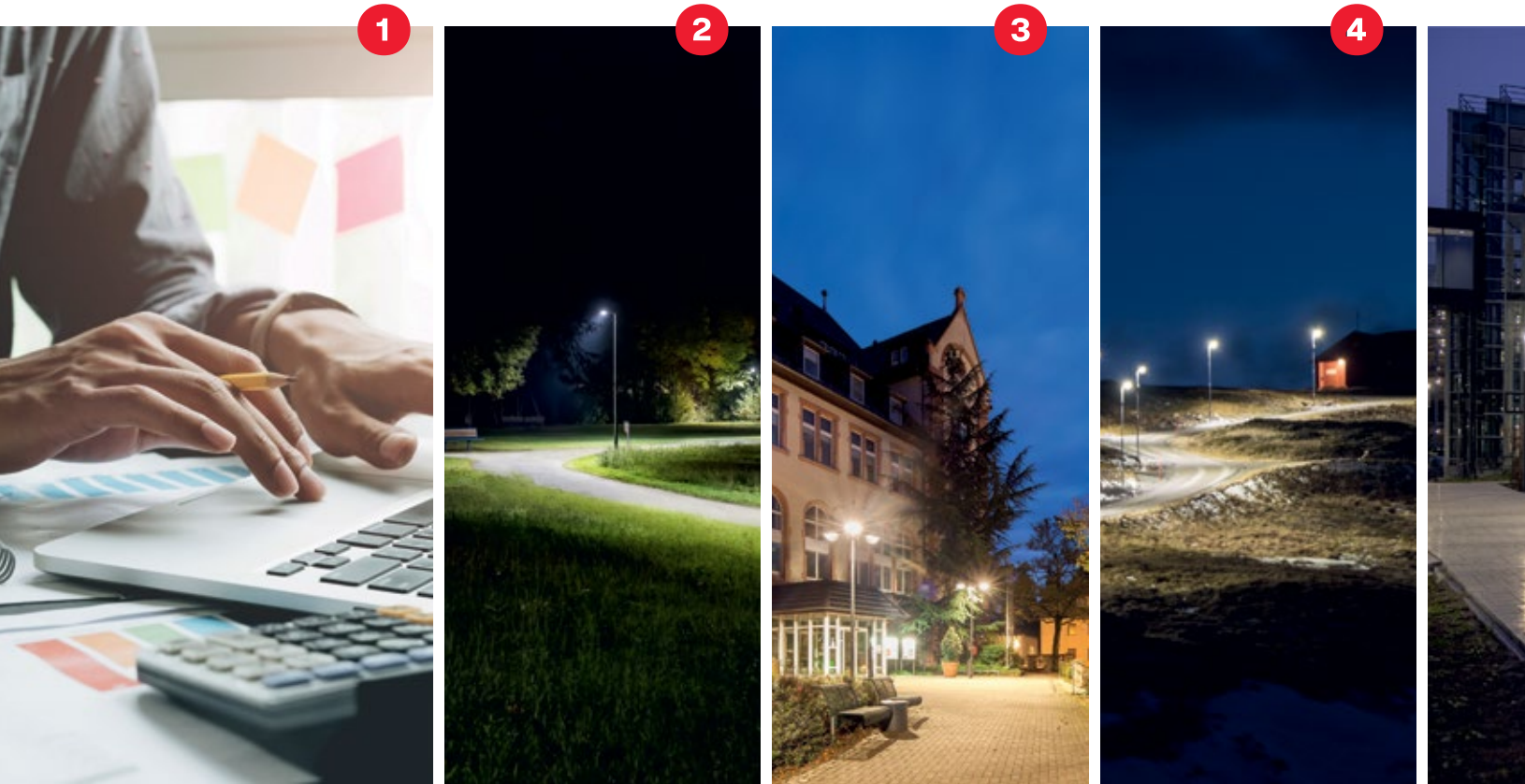
**Dimming pays off. Also compared to switching off temporarily or in certain areas.**

Dimming combines traffic and personal safety with high energy savings. By up to 77 % in the example given below. Dimming ensures the uniformity of your lighting. Also, obstacles and small or unlit road users are easier to detect and better protected.

A comparison based on the example of Streetlight 11 micro LED with 3,700 lumen, 3,000 Kelvin and Smart-Interface (5XC1A51E08DE).



# 8 reasons for lighting control with SITECO Connect.



**1**

### Save energy

Systematic dimming and temporarily switching off luminaires where possible pays off in three ways: you save **valuable energy**, have total **control of costs** and increase the **service life** of the luminaire.

**2**

### Protect nature and wild life

Dimming in the dark of night **reduces light pollution**. Nocturnal animals, particularly in parks and nature reserves, are less disturbed in their natural behavior.

**3**

### Adapt the lighting

In locations with changing usage, e.g. town squares and marketplaces, the lighting can be **automatically dimmed up and down**, for example during events.

**4**

### Protect the climate

Where there is little activity at night, e.g. on rural roads, lighting intensity can be selectively reduced. This has a direct impact on the **CO<sub>2</sub> balance**.

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5

**Increase safety**

Adjusted lighting levels increase safety in critical neighborhoods and streets. **Good visibility** is also required for rescue operations. Brighter means safer.

6

**Optimize operation**

Central documentation, switching, monitoring and diagnosis of the system **saves costs** and enables the **targeted planning of maintenance** if required.

7

**Apply for funding**

Modern lighting control makes it easy to implement **environmental guidelines**. This is the necessary precondition when applying for **subsidies**.

8

**Automate illumination**

Sights and landmark architecture determine the character of a town or city. These attractions can be **automatically illuminated**, creating a unique atmosphere.

# When does the future begin? Decide for yourself.

With us, you lay the foundation for a future-proof infrastructure. That's because SITECO outdoor luminaires offer standard connectivity for all control requirements thanks to Smart-Interface. They allow plug & play integration of sensors or help you to manage your power consumption and reduce costs with radio-based control solutions and demand-driven lighting concepts. SITECO Connect offers the right combination of options for every requirement.

When and to what extent you use these options for greater efficiency, connectivity and sustainability is entirely up to you. Either directly from installation, or upgrade flexibly when you feel the time is right.

**Your light is ready.**

**From simple control of individual luminaires  
to fully networked systems.**

- **Maximum compatibility** between Zhaga / D4i-certified luminaires from SITECO and the control system and sensors
- **Maximum freedom of choice** thanks to standardized interfaces (Zhaga Book 18 and D4i or NEMA)
- **Maximum future reliability** thanks to expansion options in case of later need
- **Maximum flexibility** in application – from simple to fully networked
- **Maximum convenience** thanks to plug & play installation of radio control systems and sensors



- 1 Smart Plug
- 2 Smart-Interface
- 3 Motion and environmental sensors



Intelligently expand, control and monitor city lighting:  
**with SITECO Connect**



# Control outdoor lighting close to the building – independently or integrated into the building management system. SITECO Connect Casambi.

SITECO Connect Casambi enables uncomplicated wireless networking of outdoor lighting. The wireless network can be easily integrated into the existing DALI building or indoor lighting control system.

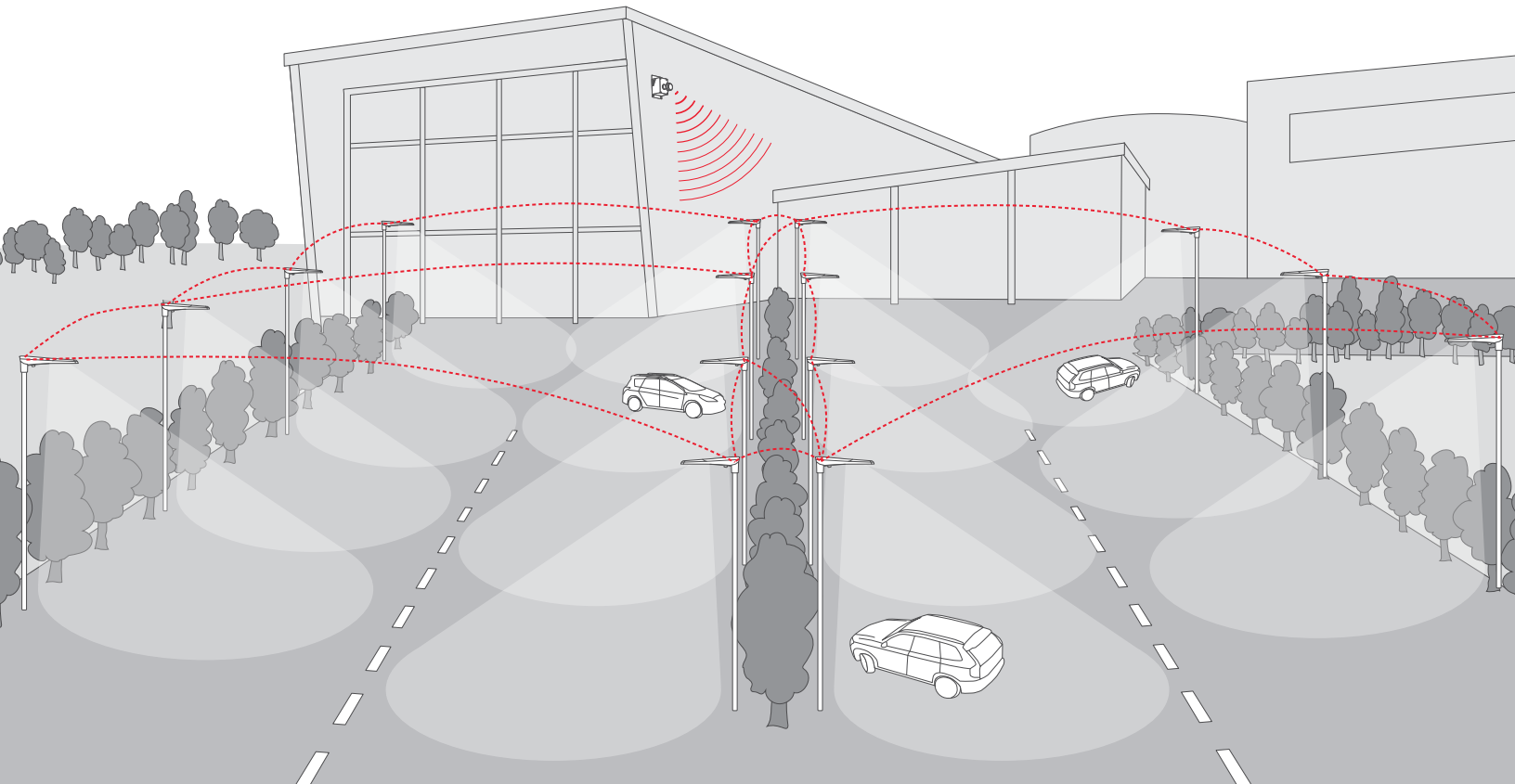
## Your options:

### ● Local, autonomous control solution

Networking of individual sensors with each other. Setup and control of the wireless network via the Casambi app using a tablet or smartphone.



### ● Central control solution via existing infrastructure

Installation of a wireless network outdoors with connection to the DALI control system (e.g. building management system) linked to the line. Outdoor luminaires visible as DALI devices in DALI control, individually controllable and diagnosable by radio.



## Radio controller





Control and radio networking of luminaires. With integration into the building management system or as a purely local radio network. Adjustable with the Casambi app. Control according to time and daylight. Local storage of the switching and dimming calendar.

|   |                                     |   |
|---|-------------------------------------|---|
| <b>Smart Plug Casambi:</b> Local radio network with a wireless range of up to 150 m; Zhaga-/D4i compatible luminaire controller                                   | <b>5EA3TDC01</b>                    |  |
| <b>Pole controller:</b> Luminaire controller for external mounting on pole or bracket. Connection to the luminaire via DALI or DMX cable; radio range up to 100 m | <b>5XA769SCSDA<br/>5XA769SCSDMX</b> |  |

## Optional accessories


### Motion detector

PIR and radar motion detectors for streets, pathways, and public spaces.

|   |                     |  |
|---|---------------------|--|
| <b>Motion 2PIR:</b> One sensor with two PIR sensors that look to the right and left of the luminaire. Detection range at a height of 4 m up to 17 m and at a height of 8 m up to 35 m | <b>5EA40M000201</b> |   |
| <b>Motion Easy:</b> Mounting height from 5 to 8 m, detection range at 5 m height up to 30 x 6 m   | <b>5EA40TE01</b>    |   |
| <b>Motion Radar:</b> Detection range for trucks from 70 m, people from 25 m (can only be used together with Smart Plug Standard or Cellular)  | <b>5EA40RS01</b>    |   |
| <b>Motion Radar Down:</b> Detection range at a height of 5 m: 16 m x 8 m (without radio, can only be used together with Smart Plug Standard or Cellular)                              | <b>5EA40RSP01</b>   |  |





### Radio push-button


Portable, battery-operated radio push-button. With magnetic wall bracket. Maximum radio range outdoors 150 m.

|   |                 |   |
|---|-----------------|---|
| <b>xPress Button:</b> Four presettable buttons plus four dimming / multi-function buttons | <b>5EA6CX01</b> |  |
|---|-----------------|---|

### Radio push-button with 30 – 70 m range

For surface mounting on the wall. With status LED display. 230 V; 1.5 m supply cable with plug, IP 20.

|  |                  |   |
|--|------------------|---|
| <b>4 Button Key:</b> 4 scenes can be set, key switch to lock the buttons                             | <b>5EA3LB24K</b> |  |
| <b>4 Button Option:</b> 4 scenes can be set, with free compartment, e.g. for installing a key switch | <b>5EA3LB24O</b> |  |
| <b>8 Button:</b> 8 scenes can be set   | <b>5EA3LB244</b> |  |
| <b>8 Button Key:</b> 8 scenes can be set, key switch for locking the buttons                         | <b>5EA3LB38K</b> |  |
| <b>8 Button Option:</b> 8 scenes can be set, with free compartment, e.g. for installing a key switch | <b>5EA3LB24O</b> |  |

|  |                   |   |
|--|-------------------|---|
| <b>Radio Push-Button Interface:</b> For self-installation in a push-button housing | <b>5XA769SCST</b> |  |
|--|-------------------|---|

## Wireless DALI Gateway

Gateway for connection to the DALI lines of an existing DALI control system. By adding and configuring a Smart Plug Casambi as a gateway, a local DALI radio network is set up to the Smart Plugs Casambi on the luminaires.


|   |                               |   |
|---|-------------------------------|---|
| <b>Smart Plug Box with Smart Plug Casambi</b> | <b>5EA3BH01<br/>5EA3TDC01</b> |  |
|---|-------------------------------|---|

## Other accessories

|  |                 |   |
|--|-----------------|---|
| <b>Timer &amp; Repeater:</b> 230 V power plug; maintains configuration and time settings from Casambi networks (24/7 socket); stores values for up to 12 hours even during a power outage; functions as a wireless repeater, IP 20 | <b>5EA1LT01</b> |  |
| <b>Casambi gateway:</b> Remote control of a Casambi network per gateway; setting and operation via the Connect Sport app; with Ethernet and WLAN interface; IP 20  | <b>5EA1LG01</b> |  |
| <b>Mobile router:</b> Enables remote control of the gateway via the mobile network; own SIM card can be used (not included); including antennas, Ethernet cable and power supply unit; IP 30                                       | <b>5EA1TR01</b> |  |
| <b>Distributor housing:</b> Weatherproof box; three cable bushings for connecting the mast controller to several luminaires (up to three); IP 66   | <b>5EA3LH03</b> |  |

## Setting and operation

Remote setup and control is carried out via the Casambi app.

|   |   |
|---|---|
| <b>Casambi app:</b> Available free of charge in the App- and Google Play Store. |  |
|---|---|

## Services

SITECO will be happy to support you with the planning and commissioning of your individual SITECO Connect system. The following services will help you with setup and operation.

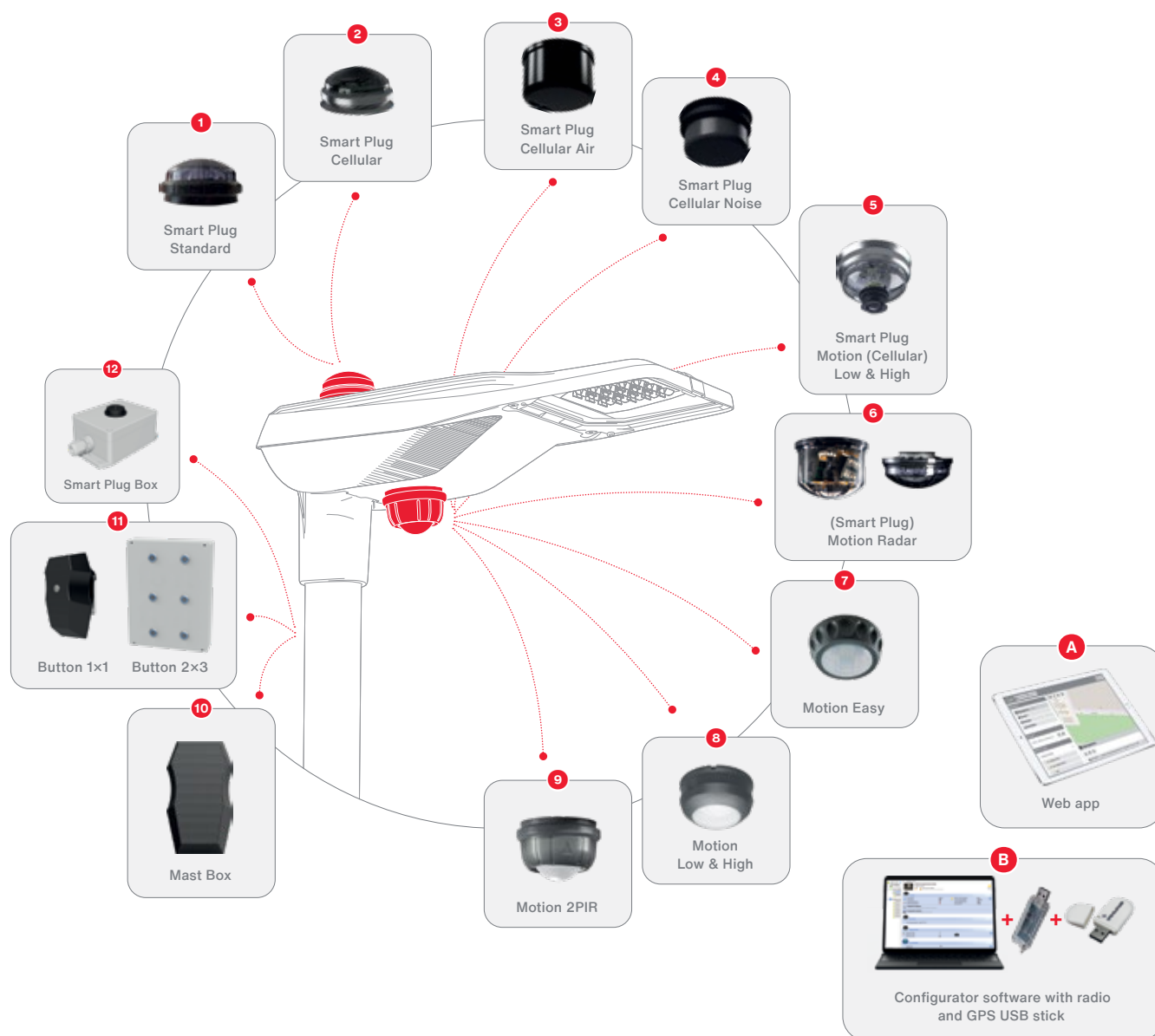
**Training:** Software and system training for up to 3 participants, 60 minutes, including 60 minutes of professional follow-up support if required, via video conference or on-site service.

|   |                  |
|---|------------------|
| <b>Training</b>   | <b>5EA0DCS01</b> |
| <b>System configuration:</b> System setup or basic configuration per system, network, or construction phase for up to 8 scenes, via remote access or on-site service. | <b>5EA0DCA01</b> |
| <b>End device configuration:</b> Configuration per end device, via remote access or on-site service.  | <b>5EA0DCE01</b> |
| <b>On-site service:</b> On-site support from the SITECO service team.   |                  |
| <b>Per kilometer driven</b><br>There and back incl. travel time, costs and expenses   | <b>5AE0DER01</b> |
| <b>Per overnight stay</b>   | <b>5EA0DEH01</b> |

Note: Billing is based on actual effort expended.

# Sophisticated projects from the modular system. SITECO Connect Wireless.

SITECO Connect Wireless is versatile and modular. An outdoor lighting control system for the professional automated control of streets, areas and paths. A wide range of sensors and actuators enable the control of sophisticated applications. Local networks and remote-controlled systems can be implemented with easy-to-use tools. The modular design means that both small and large projects can be implemented quickly.



## Overview of components for Smart-Interface:

### Smart plugs

Control and wireless networking of luminaires with Zhaga- / D4i-compatible luminaire controllers. With remote access or as a purely local radio network. Control by time, day of the week and daylight. Local storage of the switching and dimming calendar for safe operation. Colour-Switch control possible.

|   |  |              |
|---|--|--------------|
| 1 | Smart Plug Standard, local operation and networking, optionally with remote access by adding one Smart Plug Cellular per 100 Smart Plugs Standard and the usage fee 5EA0EC60 per Smart Plug Standard.  | 5EA3AM000001 |
| 2 | Smart Plug Cellular: Remote access included with 60 credits (equivalent of 60 months), radio clock, GPS  | 5EA3CM000001 |
| 3 | Smart Plug Cellular Air: Luminaire controller with environmental sensor for monitoring particulate matter, nitrogen oxide, volatile organic compounds, humidity, temperature, position, mast inclination. Built-in radio-controlled clock and GPS. Remote access included with 60 credits (equivalent of 60 months). | 5EA44EE01    |
| 4 | Smart Plug Cellular Noise: Luminaire controller with noise sensor for monitoring the noise level. Built-in radio-controlled clock and GPS. Remote access included with 60 credits (equivalent of 60 months).   | 5EA44EN01    |

### Motion detectors

Lighting control depending on movement, daylight, day of the week, time. Autonomous or networked operation (running light). Various setting options for dimming level, run-on time, ramp-up / ramp-down speed.

#### Wireless motion detector Low & High

Oval detection area, freely adjustable, e.g. for paths and driveways. Built-in wireless controller (Smart Plug Standard or Cellular). Colour-Switch control possible.

|   |  |              |
|---|--|--------------|
| 5 | Smart Plug Motion Low: Mounting height below 6 m, detection range at a height of 5 m up to 8.80 m, at a height of 6 m up to 10 m   | 5EA40EL01    |
| 6 | Smart Plug Motion High: Mounting height above 6 m, detection range at a height of 6 m up to 10 m, at a height of 10 m up to 17 m   | 5EA40EH01    |
| 5 | Smart Plug Cellular Motion Low: Mounting height below 6 m, detection range at a height of 5 m up to 8.80 m and at a height of 6 m up to 10 m. Built-in radio-controlled clock and GPS. Remote access included with 60 credits (equivalent of 60 months). | 5EA40ELC01   |
| 6 | Smart Plug Cellular Motion High: Mounting height above 6 m, detection range at a height of 6 m up to 10 m and at a height of 10 m up to 17 m. Built-in radio-controlled clock. Remote access included with 60 credits (equivalent for 60 months).        | 5EA40EHC01   |
|   | Motion stick alignment lever   | 5EAUH0H00001 |

#### Radar motion detector

Very wide detection range and reliable detection of electric vehicles. For roads, paths and areas. With and without built-in wireless controller (Smart Plug Standard or Cellular).

|   |  |            |
|---|--|------------|
| 6 | Smart Plug Motion Radar: Detection range trucks from 70 m, people from 25 m  | 5EA40RC01  |
| 6 | Smart Plug Motion Radar Down: Detection area at a height of 5 m: 16 m x 8 m.   | 5EA40RCP01 |
| 6 | Smart Plug Cellular Motion Radar Down: Detection area at a height of 5 m: 16 m x 8 m. Built-in radio-controlled clock and GPS. Remote access included with 60 credits (equivalent of 60 months). | 5EA40RCP01 |
| 6 | Motion Radar: Detection range for trucks from 70 m, people from 25 m (without radio, can only be used together with Smart Plug Standard or Cellular)   | 5EA40RS01  |
| 6 | Motion Radar Down: Detection area at a height of 5 m: 16 m x 8 m (without radio, can only be used together with Smart Plug Standard or Cellular)   | 5EA40RSP01 |
| 4 | Accessories: Motion Radar RF Stick for customizing advanced settings   | 5EA40RF01  |

#### Easy motion detector

Preset PIR motion detector. ON / OFF at 30 lux. Idle state 20 %, on movement 100 % with 2 min hold time. Optionally networkable. Large detection area to the right and left of the luminaire. Can be restricted with the enclosed cap, e.g. for paths.

|   |  |           |
|---|--|-----------|
| 7 | Motion Easy: Mounting height from 5 to 8 m, Detection area at a height of 5 m up to 30 x 6 m | 5EA40TE01 |
|---|--|-----------|

#### Motion detector Low & High

PIR motion detector with round detection area. Can be restricted with the enclosed cap, e.g. for surfaces.

|   |   |           |
|---|---|-----------|
| 8 | Motion Low: Mounting height below 4.60 m; Detection range at a height of 2.40 m up to 6 m   | 5EA40LL01 |
| 8 | Motion High: Mounting height above 4.60 m; mounting range at 4.60 m height up to 12 m, at 8 m height up to 24 m and at 12 m height up to 30 m | 5EA40LH01 |

#### Motion detector 2PIR

PIR motion detector with long detection area to the right and left of the luminaire, e.g. for residential streets.

|   |   |              |
|---|---|--------------|
| 9 | Motion 2PIR: Detection range at a height of 4 m up to 17 m and at a height of 8 m up to 35 m (can only be used together with Smart Plug Standard or Cellular) | 5EA40M000201 |
|---|---|--------------|

### Mast boxes

Mast Box for controlling and networking DALI luminaires without Smart-Interface. With remote access (when operated with Smart Plug Cellular as an accessory) or as a purely local wireless network. Control with wireless push-button, by time / weekday (GPS version) and by movement (Motion version). Local storage of the switching and dimming calendar for safe operation.

|    |  |           |
|----|--|-----------|
| 10 | Mast Box Standard  | 5EA3BS01  |
| 10 | Mast Box GPS   | 5EA3BG01  |
| 10 | Mast Box Motion Low: Mounting height below 6 m. One PIR sensor downwards with detection range at a height of 5 m up to 8 m, at a height of 6 m up to 10 m                                | 5EA3BEL01 |
| 10 | Mast Box Motion High: Mounting height above 6 m. One PIR sensor downwards with detection range at a height of 6 m up to 10 m and at a height of 10 m up to 17 m                          | 5EA3BEH01 |
| 10 | Mast Box Motion GPS Low: With GPS/radio clock, mounting height below 6 m. One PIR sensor to down with detection range at a height of 5 m to 8 m, at a height of 6 m to 10 m              | 5EA3BGL01 |
| 10 | Mast Box Motion GPS High: With GPS/radio clock, mounting height above 6 m. One PIR sensor to below with detection range at a height of 6 m up to 10 m and at a height of 10 m up to 17 m | 5EA3BGH01 |
| 10 | Mast Box Motion 2xPIR Low: Mounting height under 6 m, detection area at a height of 5 m: 14 x 8 m  | 5EA3BELO2 |
| 10 | Mast Box Motion 2xPIR High: Mounting height above 6 m, detection area at a height of 8 m: 22 x 14 m  | 5EA3BEH02 |
| 10 | Mast Box Motion 2xPIR GPS Low: With GPS/radio clock, mounting height below 6 m, detection range at 5 m height: 14 x 8 m  | 5EA3BGL02 |
| 10 | Mast Box Motion 2xPIR GPS High: With GPS/radio clock, mounting height above 6 m, detection range at 8 m height: 22 x 14 m  | 5EA3BGH02 |
| 10 | Mast Box Motion Radar: Detection range trucks from 70 m, people from 25 m  | 5EA40RB01 |
| 10 | Mast Box Motion Traffic: For traffic counting, with GPS / radio-controlled clock   | 5EA3BER01 |
| 10 | Mast Box Standard Relay: without DALI, with one 10A relay output   | 5EA3BRS01 |
| 10 | Mast Box GPS Relay: without DALI, with one 10A relay output and GPS  | 5EA3BRG01 |
| 10 | Wall bracket for mast boxes  | 5EA9EW01  |

### Wireless push-buttons

Wireless push-button for individual lighting scenes, e.g. manual switching during rescue operations.

|    |   |          |
|----|---|----------|
| 11 | Button 1x1: 230 V, pole mounting. Wall bracket 5EA9EW01 available as an accessory | 5EA3EB01 |
| 11 | Button 2x3: 230 V, wall mounting  | 5EA3EB03 |

### Mounting external to the luminaire

Zhaga interface for placing additional motion detectors at inputs/outputs, for setting repeater or light sensor locations.

|    |                |          |
|----|----------------|----------|
| 12 | Smart Plug Box | 5EA3BH01 |
|----|----------------|----------|

# How do you begin?

## Start off simply, upgrade flexibly.

100% flexibility through upgrades and downgrades

### Single luminaire

Single luminaires are switched or dimmed with a local motion sensor.



**Example:** The motion sensor activates just one luminaire.

### Several luminaires connected locally

Several luminaires are connected via radio.

The luminaires in the network communicate and synchronize with one another.

The luminaires are synchronously or continuously switched or dimmed.



**Example:** The motion sensor also switches on neighboring luminaires via radio link.

### Several luminaires connected with remote access

The luminaires are connected via radio.

Settings can be defined from the office via remote access over the network and status messages sent automatically.

Existing inventory and workflow systems, such as LuxData by sixData, can be used as a master.



**Example:** The network of luminaires functions synchronously and is monitored remotely.

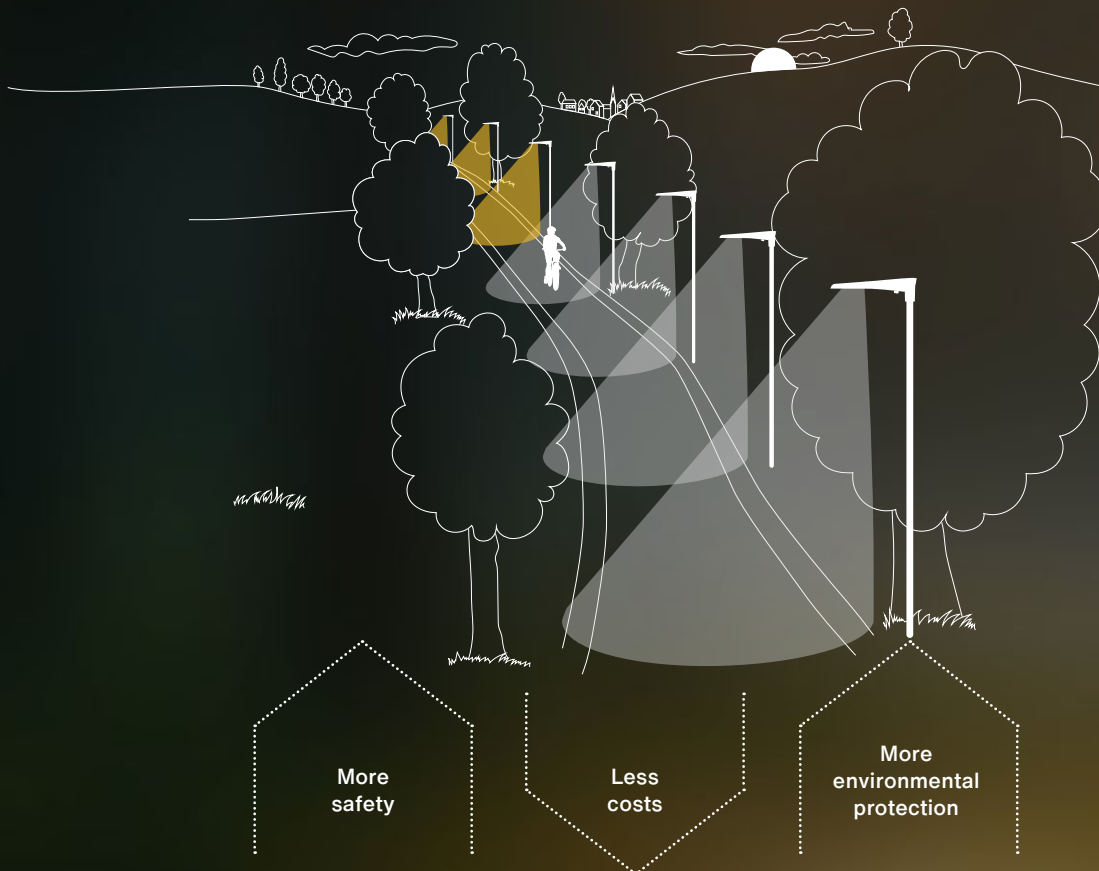
# Control light colors? Your lights are ready!

A future-proof infrastructure also means being able to adapt flexibly and effortlessly to future developments. Which light colors will be specified in the future?

You don't have to worry about that:

## **SITECO Connect Wireless takes care of it for you!**

In places with special nature conservation requirements it may for example switch automatically between dimmed, warm white lighting when not in use and brighter, whiter lighting when there is traffic.

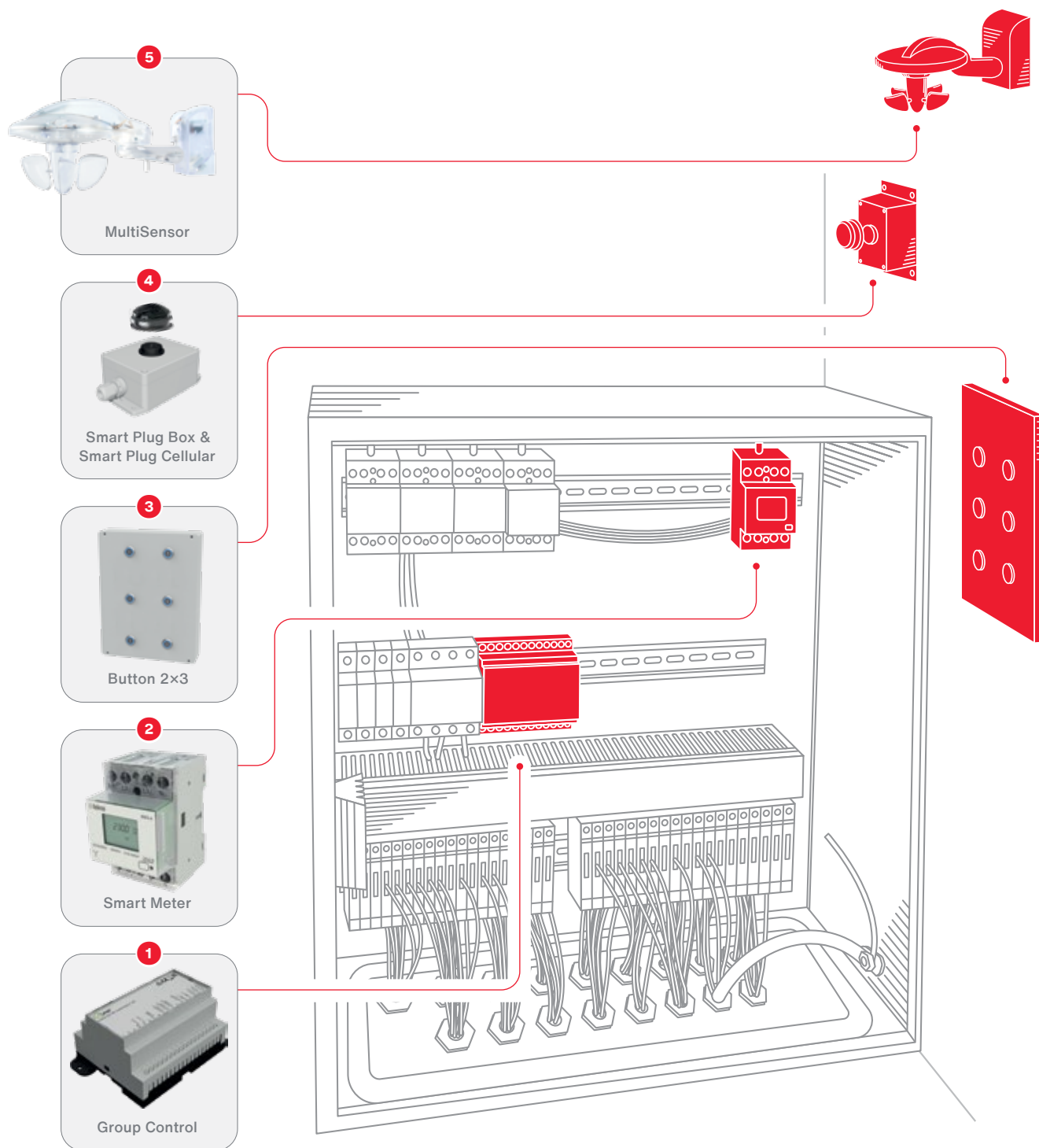


Motion detectors switch from warm white to cool white when there is traffic.

## Situational light: 3 × strong.

# SITECO Connect Wireless

Group control for the electrical sub-distribution.



## Radio group control / Radio ripple control for switch cabinets

3 relay outputs for connection to contactor or control wires, for example. Local access via wireless USB stick and additional remote access via mobile radio. 5 years remote access included. Automatic switching according to time of day, day of week and astro clock. Motion detectors, daylight sensors, other Group Control devices and Smart Plugs can be integrated wirelessly. RS485 interface for connecting a smart meter. Radio-controlled clock, astro clock and GPS. Very easy to install.

|                     |   |                                    |
|---------------------|---|------------------------------------|
| 1                   | Group Control with <b>integrated antenna</b> . Remote access included with 60 credits (equivalent of 60 months) | <b>5EA1ECL01</b>                   |
| 1                   | Group Control with <b>external antenna</b> . Remote access included with 60 credits (equivalent of 60 months)   | <b>5EA1ECL02</b>                   |
| <b>Accessories:</b> |   |                                    |
|                     | 3-in-1 puck antenna for mobile radio, mesh and GPS with <b>0.5 m cable</b>                                      | <b>5EA1EAT01</b>                   |
|                     | 3-in-1 puck antenna for mobile radio, mesh and GPS with <b>5 m cable</b>  | <b>5EA1EAT02</b>                   |
| 2                   | Smart Meter / Electricity meter   | <b>5EA1EM02</b>                    |
| 3                   | Button 2x3  | <b>5EA3EB03</b>                    |
| 4                   | Smart Plug Box & Smart Plug Cellular as wireless twilight switch  | <b>5EA3BH01 &amp; 5EA3CM000001</b> |
| 5                   | Multisensor / Wireless weather station  | <b>5EA1EW01</b>                    |

# Commissioning and configuration of Smart-Interface and Group Control

## Setting and operation

### Central commissioning and management via remote access

Remote setup, administration and monitoring of Group Control and Smart Plugs Cellular (or, alternatively, of up to 100 neighboring Smart Plugs Standard or Motion via a Smart Plug Cellular) are carried out via a web application. The usage fees for the web application and data transmission for Cellular and Group Control devices are already included in the end-device price in the form of 60 credits (equivalent of 60 months) and can be additionally purchased for Standard devices and longer periods as credit points using the order numbers listed below. The credit points are loaded into a credit pool and are consumed equally by all devices within the system. Per device (Standard or Cellular), one credit point is consumed from the pool each month. By default, data is transferred every 15 minutes. In the Light model, data is only transmitted when the device is switched on and then every 8 hours from 00:00 (the measurement data is also not displayed in a more granular form).

|   |  |                 |
|---|--|-----------------|
| A | Standard: Advance payment of usage fee per end device for 60 months each in the form of 60 credit points (credits) | <b>5EA0EC60</b> |
| A | Light: Advance payment of usage fee per end device for 60 months each in the form of 30 credit points (credits)    | <b>5EA0EC30</b> |

Note: Remote access for systems whose credit points have been used up ends automatically. The system continues to operate as configured even without remote access and can be configured using the USB stick. Remote access can be reactivated at any time using order number 5EA0ECR01. The fee must be paid per end device.

### Local commissioning and management

#### Wireless USB stick with software

For adjusting and checking the devices of the lighting control system on site.

|   |                                      |                     |
|---|--------------------------------------|---------------------|
| B | Configurator software with USB stick | <b>5EAU0A000001</b> |
| B | GPS USB stick                        | <b>5EAU0G000001</b> |

## Services

SITECO will be happy to support you with the planning and commissioning of your individual SITECO Connect system. The following services support you during setup and operation. Via video conference or on-site service.

**Training:** Software and system training for up to 3 participants, 1.5 hours, via video conference or on site.

|                 |                  |
|-----------------|------------------|
| <b>Training</b> | <b>5EA0DES01</b> |
|-----------------|------------------|

**System configuration:** Basic configuration per system or construction, via remote access or on site.

|                      |                  |
|----------------------|------------------|
| <b>System set-up</b> | <b>5EA0DEA01</b> |
|----------------------|------------------|

#### End device configuration:

Configuration per end device, via remote access or on site.

|                             |                  |
|-----------------------------|------------------|
| <b>Device Configuration</b> | <b>5EA0DEE01</b> |
|-----------------------------|------------------|

#### On-site service:

On-site support from the SITECO service team.

|  |                  |
|--|------------------|
| <b>Per kilometer driven</b> There and back incl. travel time, costs and expenses | <b>5AE0DER01</b> |
|--|------------------|

|                           |                  |
|---------------------------|------------------|
| <b>Per overnight stay</b> | <b>5EA0DEH01</b> |
|---------------------------|------------------|

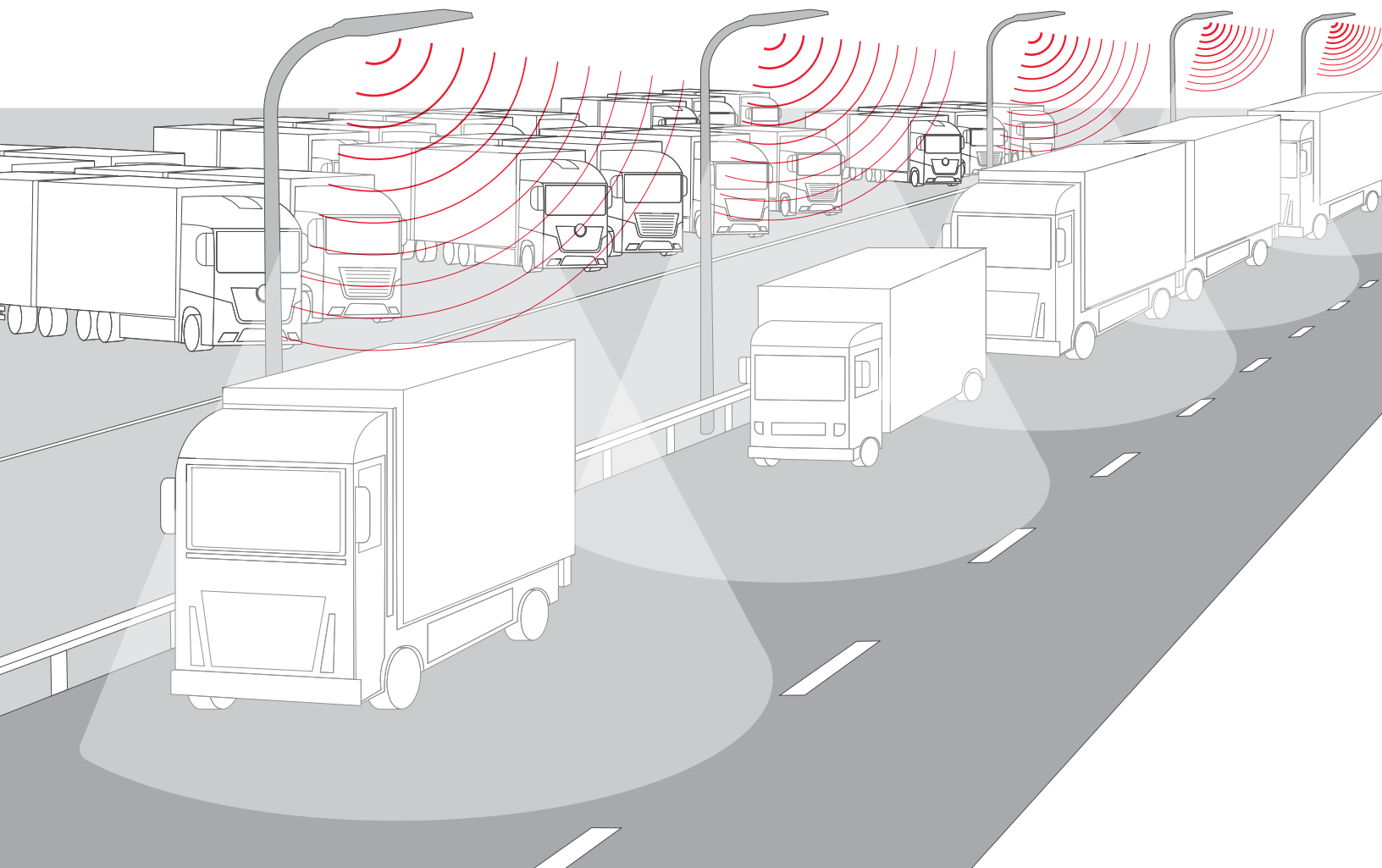
Note: Billing is based on actual effort expended.

# Lighting control. Use cases.

## Peace and quiet at night and safety on the company premises.

### Rest and safety zones harmoniously combined.

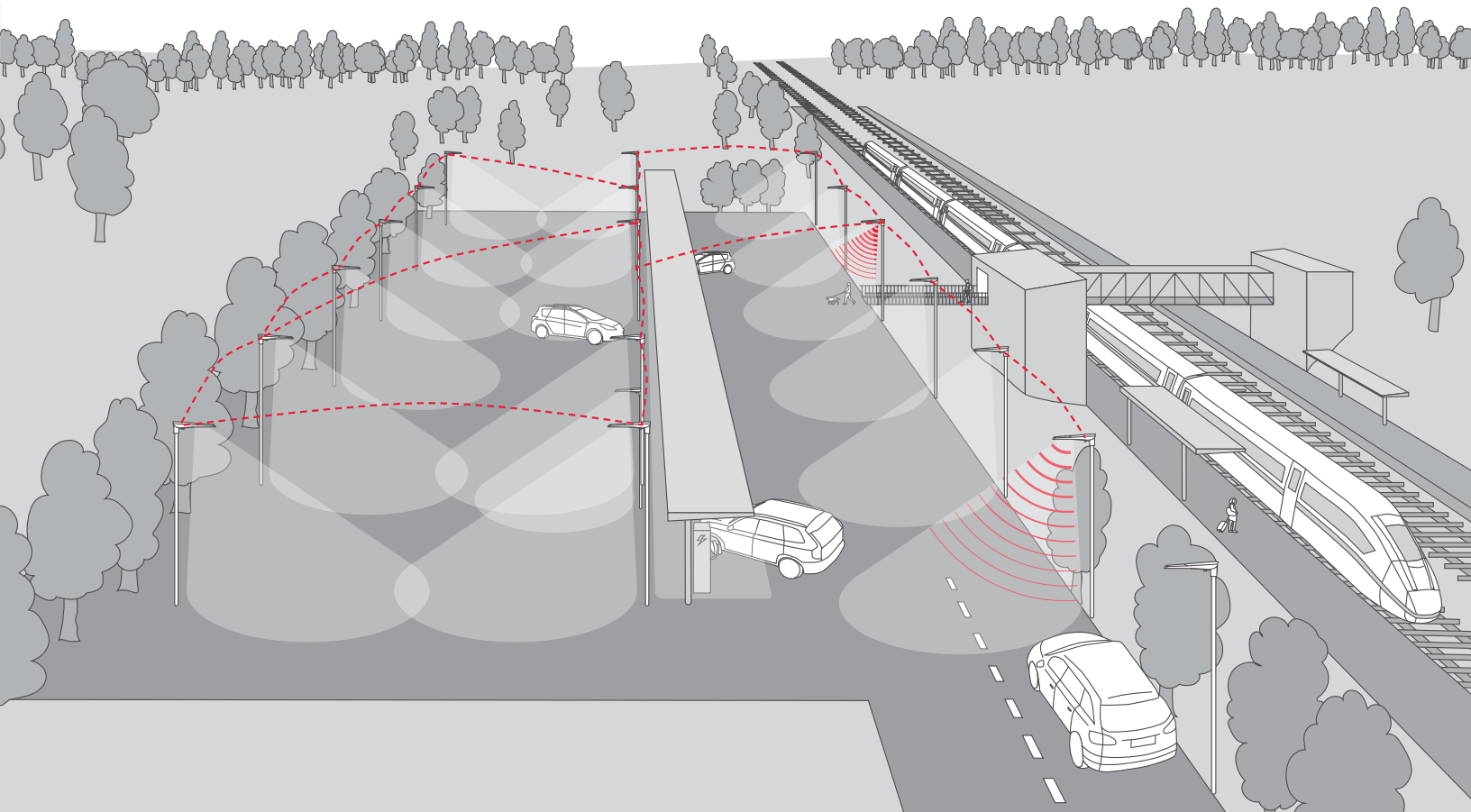
- On-demand lighting with radio-networked motion sensors for the company premises with waiting and rest areas for truck drivers
- High sense of security without dark corners
- At the same time, optimum resting situation for truck drivers with dimmed light
- Individual adjustment of switching and dimming values on the customer side
- Monitoring by e-mail and notifications



# Motion-activated control of company and P&R parking lots.

## Saving energy in parking lots.

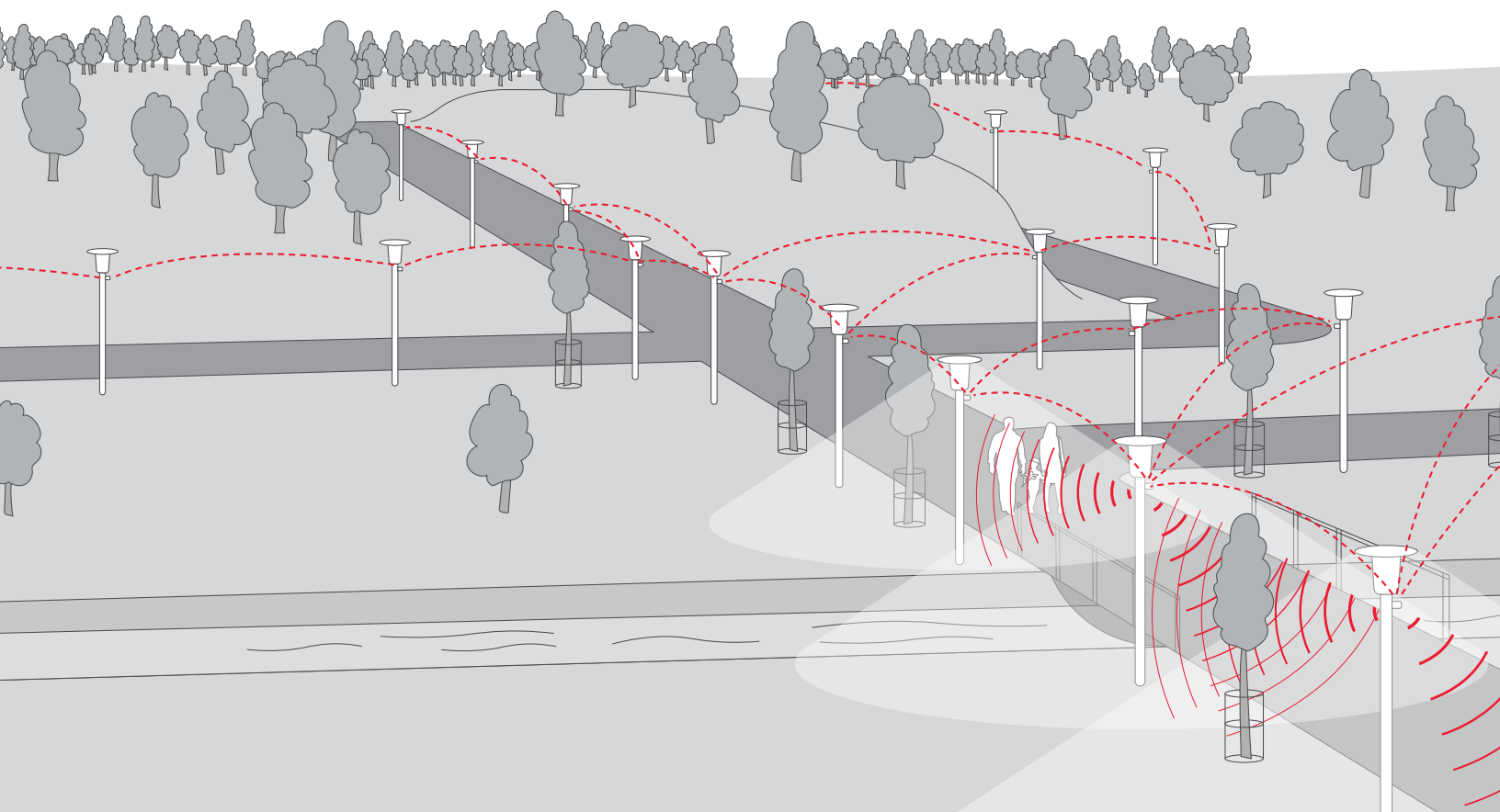
- Fixed and remotely adjustable night setback
- Increasing the lighting level for motion detection
- Wirelessly networked lights for switching and dimming in groups
- Remote maintenance and central access to all lights
- Fine-tuning as required: continuous monitoring and optimization of lighting in terms of energy savings, traffic safety, light pollution and environmental protection



# Smart control for a corporate campus.

## Lighting that adapts – combining sustainability and safety in perfect harmony.

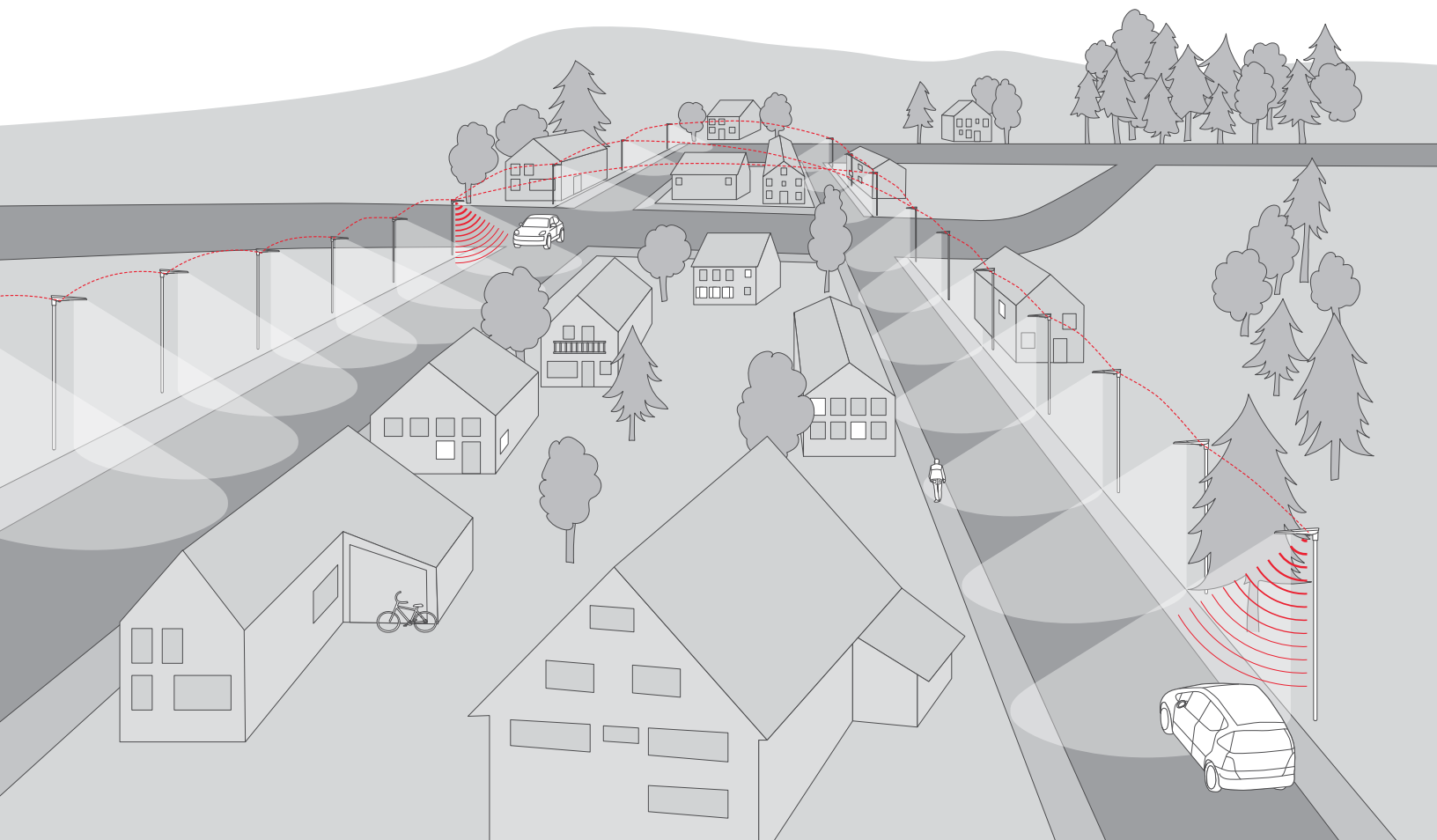
- Demand-based illumination thanks to wirelessly networked motion sensors across the entire campus
- Enhanced safety through consistent lighting without dark zones
- Energy savings in unused areas without compromising security
- Customizable settings for switching and dimming levels tailored to your needs
- Proactive monitoring via automated e-mail alerts and notifications



# Motion-activated control of street blocks. Ensuring personal and traffic safety.

## When all energy-saving options are available.

- Needs-based lighting for areas with all types of roads
- Individually programmed night-time dimming with 20 to 30 % ambient lighting
- Increasing the lighting level for motion detection
- Illuminating the luminaires in front via a fast radio network
- Compliance with national environmental legislation with environmentally friendly light colors
- Further savings potential through increased dimming and partial switch-off

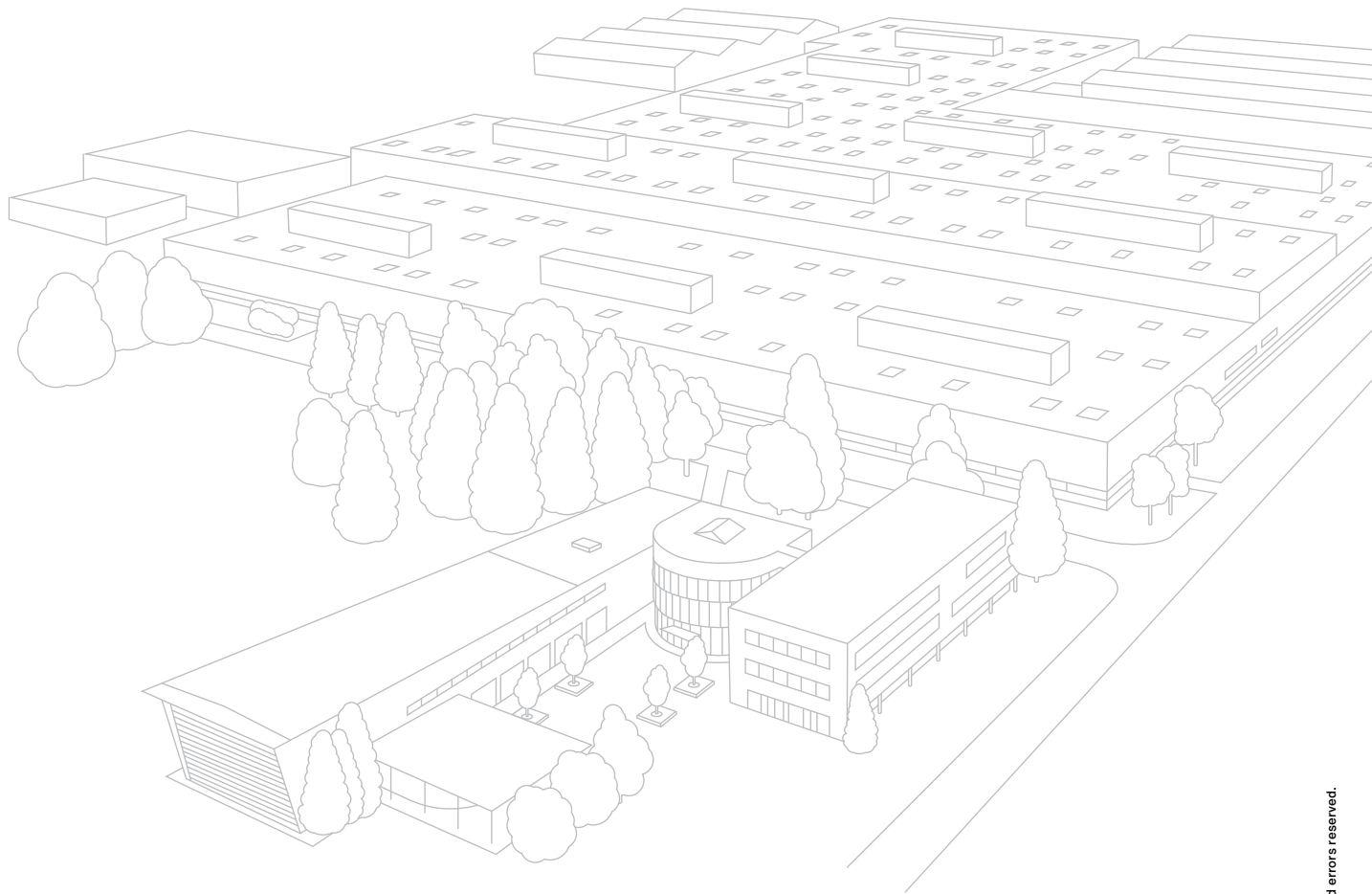


# Quantum leap lighting solution.

Made in  
**Traunreut**

SITECO develops lighting solutions that set standards.

Our unique combination of expertise in lighting, control, project and operation creates solutions that are more than just light: they are your competitive edge. For over 160 years.



## Contact.

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