Shop LIGHTING BUILDING management *What's in it for me?*

THINK LED, THINK SMART

lunoo®
the lighting company

More than 30 years experience in **lighting design** and **lighting concepts** for stores.

⚡ **SHOPCONTROLLER**

More than 20 years experience in **open standard domotics** and **smart solutions** for **building control.**

Shop LIGHTING management BUILDING *What's in it for me?*

Know that we also have similar solutions for offices, horeca, ... Please contact us for further information.

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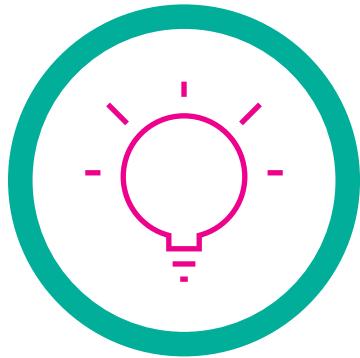
1. One shop or a few point of sales

1.1. Smart lighting management

Do you ask yourself sometimes?

- Wouldn't it be great if I can turn off all the lights when leaving my shop? Even those in other rooms?
- Wouldn't it be great if the lights adapt automatically to the daylight in the shop?
- Wouldn't it be great if the lights adjust to the presence in the room?

These questions and many more can be answered by a smart lighting control system.

Smart lighting management with DALI

- Standard protocol for digital lighting management. Supported by all leading lighting manufacturers.
- Possibility to control 1 lighting fixture or different fixtures in group.
- Possibility to diagnose the status of every lamp and every ballast.

What's in it for me?

- Shopping experience
- RGB control
- Dimming by hand or automatically adapted to the incoming daylight
- Turning on / off all the light in the shop with one click and still be able to control them separately
- Presence detectors for turning on / off the light when entering / leaving the room
- Adaption of luminosity to eye sensitivity
- Default alerts resulting in more efficient maintenance
- Permanent monitoring
- ...

1.2. Smart lighting and building management

Do you ask yourself sometimes?

- Wouldn't it be great if I can dim all the lights and blind my windows with one system?
- Wouldn't it be great if the light and the heating can be controlled by one system?
- Wouldn't it be great if I could control the light, heating, ventilation, alarm, audio, … with one system?

These questions and many more can be answered by a smart building control system.
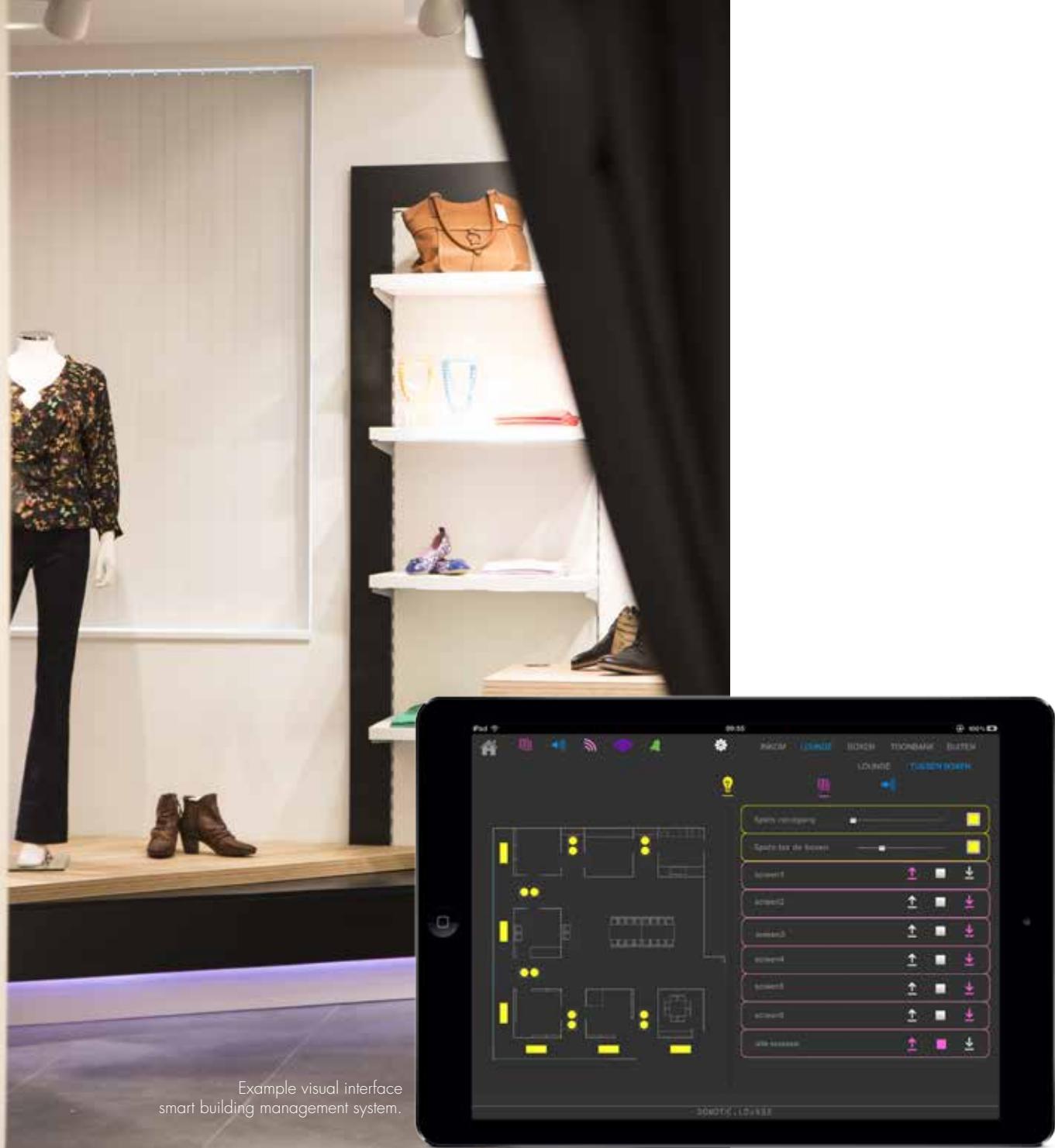
Smart building management with open standards

- Worldwide standards for home and building control.
- Open protocol communicating with KNX, LON, BACNet, Modbus, IoT, …
- Brand independent
- Easily integration of DALI.
- Standardised communication (bus, IP, 230V)
- Back-office: visualised by an easy-to-understand building plan. Log in possible via computer, tablet and smartphone.

What's in it for me?

- Shopping experience: scenes, atmopheres, …
- Complete automatisation of the shop: lighting control, climate, alarm, shutters, blinds, presence detectors, acces control, …
- Extensible in the future. Start with f.e. lighting and heating and add later on audio, smell, alarm, …
- Visual plan on touch screen.
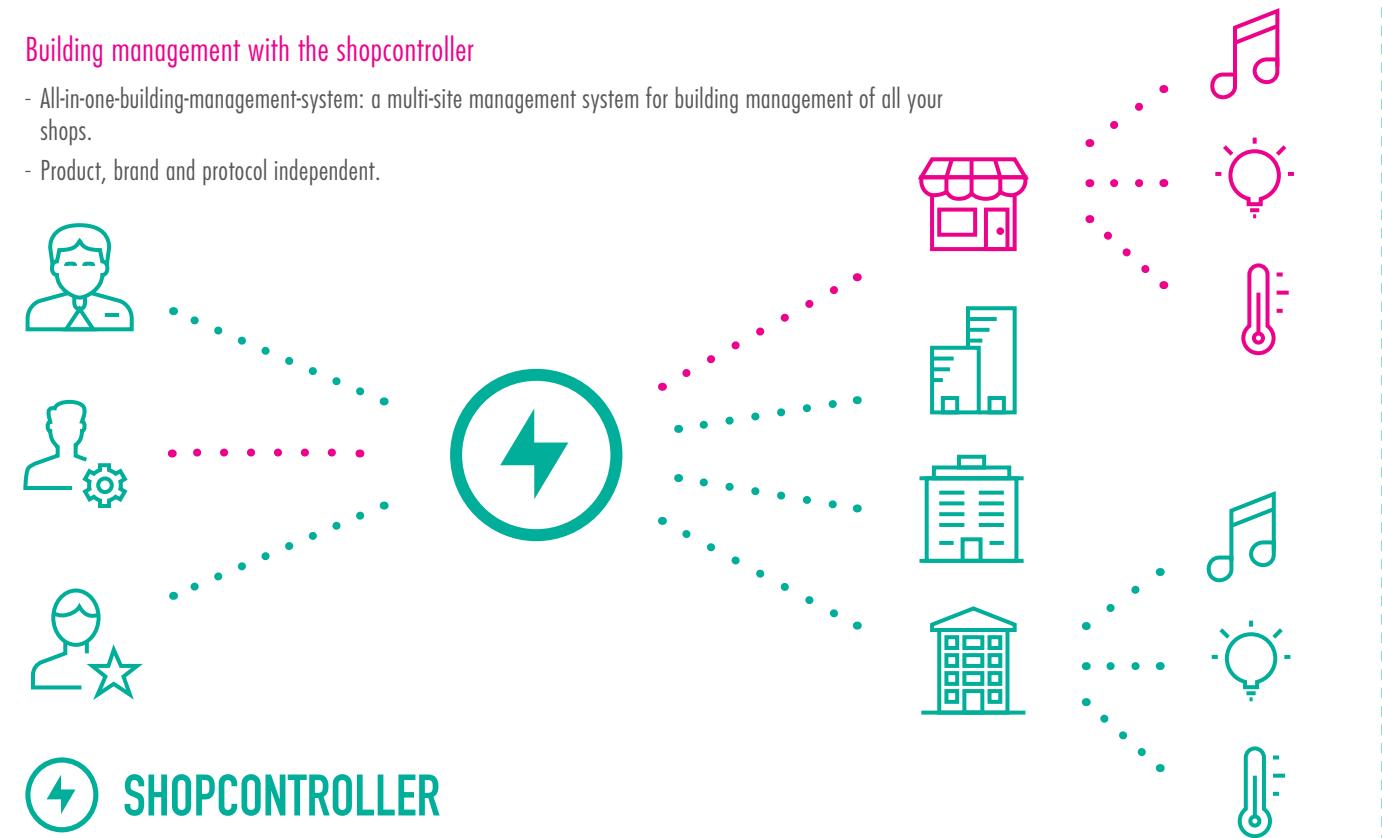
2. Retail chain: the shopcontroller

Do you ask yourself sometimes?

- Wouldn't it be great if I could control the lights of all my stores by one computer? That I'm sure all the light are off after closing time in any store.
- Wouldn't it be great if I could do this too for the heating, ventilation, airco, security, … ?
- Even better, wouldn't it be great if I could control all the above by one web application?

These questions can be answered by the shopcontroller.

Building management with the shopcontroller

- All-in-one-building-management-system: a multi-site management system for building management of all your shops.
- Product, brand and protocol independent.

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Example visual interface smart building management system.

2.1 What's the shopcontroller?

A central facility management system for all your shops which identifies and tracks defects, controls it and schedules pro-actively the maintenance.

- Monitor all your shops and get alerts for abnormal consumption immediately for:
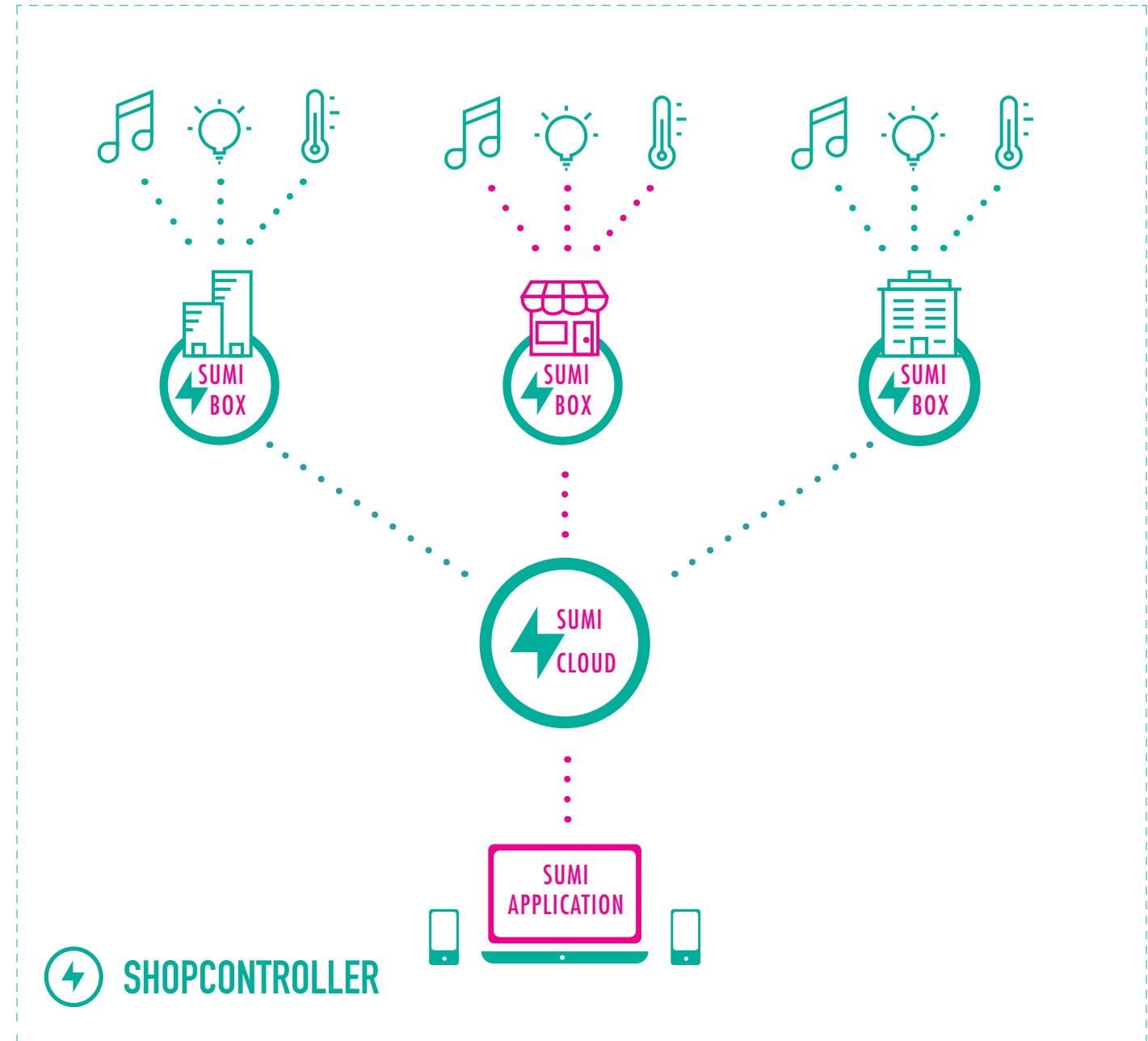
  - Temperature
  - Humidity
  - CO2
  - Pressure
  - Security
  - Electricity
  - Water
  - Gas

  - …

- Control the parameters automatically and only when it should.

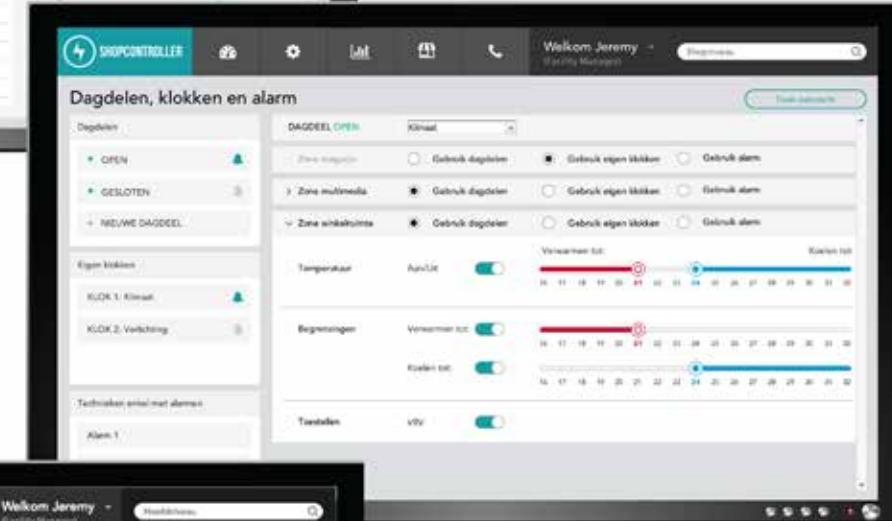monitoring   control

SHOPCONTROLLER

Building management with the shopcontroller

- Monitor and get alerts for abnormal consumption immediately.
- Control the parameters automatically and only when it should.

- Climate, lighting, audio, …

  - has its own technique. All these techniques are integrated in one central control system.

  - has its own time schedule. All these schedules are combined in one time line and can be easily adjusted. Think f.e. of a once off late night event. It's not a problem to adjust the time schedules for the shops that participate.

SUMI BOX

SUMI BOX

SUMI BOX

SUMI CLOUD
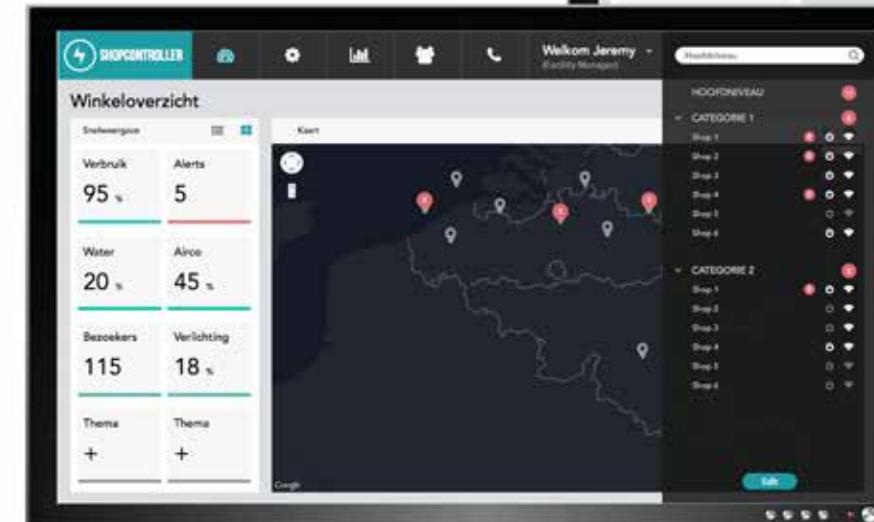
SUMI APPLICATION

SHOPCONTROLLER

2.2. What is in it for me?

- Saving energy: lights, heating, airco, ... will be off when asked and automatic calculation of the best timing for putting them on/off.
  - No more consumption waste.
  - Exclusion of human forgetfulness, errors and subjectivity.
- Saving on maintenance: faster detection of abnormal consumption, defects, ...
  - Faster interventions when needed.
  - Automatic follow-up of the interventions.
- Greater productivity
  - Shop managers can finally do what they are paid to do, managing the shop.
  - Alerts go automatically to the right person. No waste of time.
  - No loss of time at the startup and shutdown of the shop.
- Better customer experience
  - A uniform experience across all the locations/sites: the same lighting experience, the same feeling (warmth, safety, smell ...)
  - Greater comfort for customers and staff.

2.3. What about the existing systems I already have?

- No need to change all the techniques. The shopcontroller can integrate the existing systems.
- Can easily be installed by your own installer.

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Examples virtual interface shopcontroller in Dutch. Interface in English and French also available.

(RE)LIGHTING PROJECT
ALL-IN-ONE PACKAGE

LIGHTING ADVICE

- lighting studies
- lighting plan
- calculation ROI
- calculation energy efficiency
- own engineering

LIGHTING MANAGEMENT

- lighting efficiency
- monitoring
- combined with building management
- combined with multi-site management
- programming, commisioning and maintenance

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