



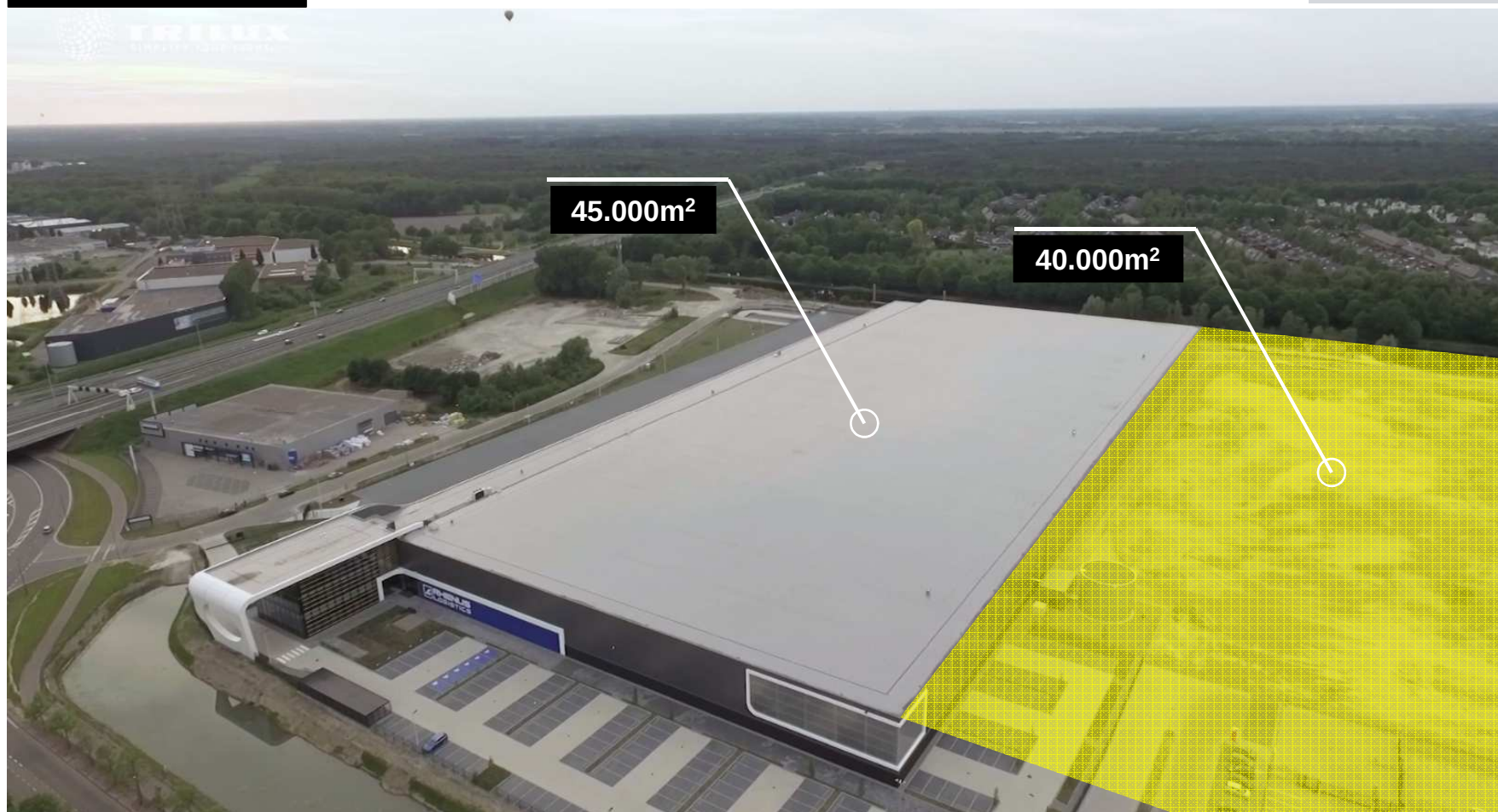
DIGITAL AND SCALABLE SOLUTION FOR LIGHTING CONTROLS

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A glowing sphere with a rainbow-like aura, containing the text 'LEADING THE CHANGE'.

**LEADING
THE CHANGE**

Fabian Mayer
TRILUX Vertrieb GmbH
Bregenz, 25.09.2019





REQUIREMENTS

- Presence detection & daylight regulation
- Scenes
- 4000 Luminaires
- 900 Sensors
- 600 DALI groups
- Monitoring: energy & status
- Interface to KNX BMS
- Interface to alarm system
- Integration of emergency lighting
- Easy adjustments by customer
- Building step 2 to be integrated later





REQUIREMENTS

- Graphical user interface
- Map of building
- Overview of sensors and luminaires





REQUIREMENTS

- Select sensors / luminaires



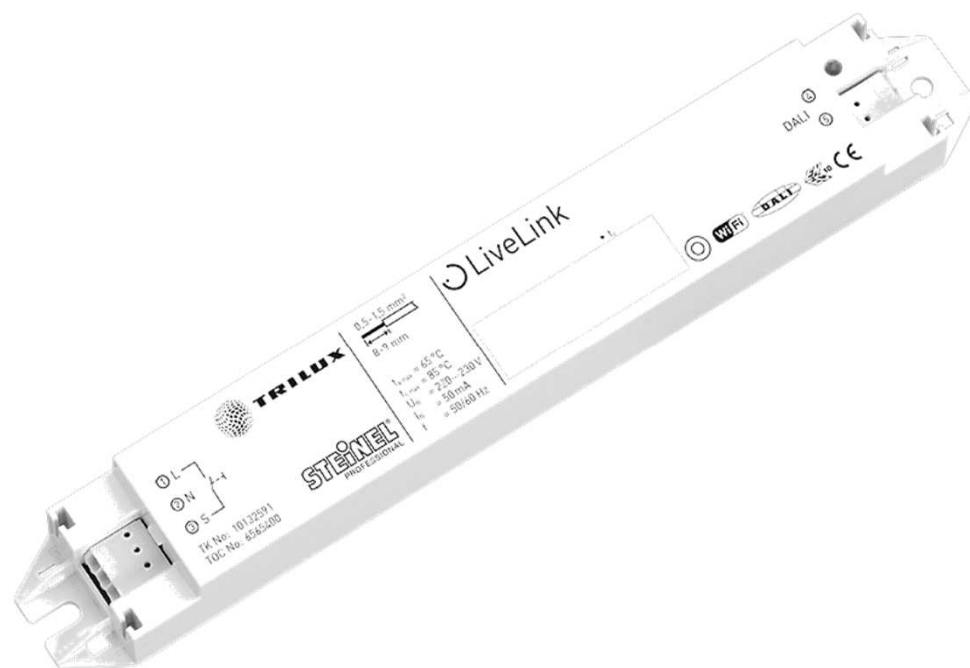


REQUIREMENTS

- Select sensors / luminaires
- Modify settings
- Change grouping (add or remove)

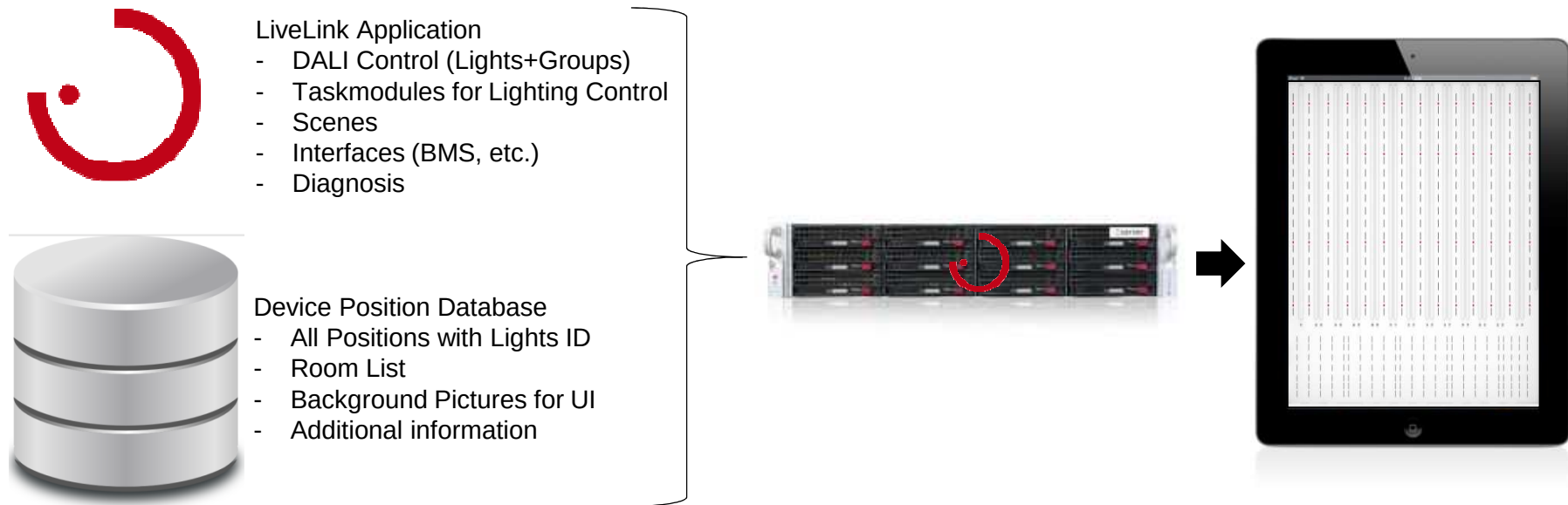








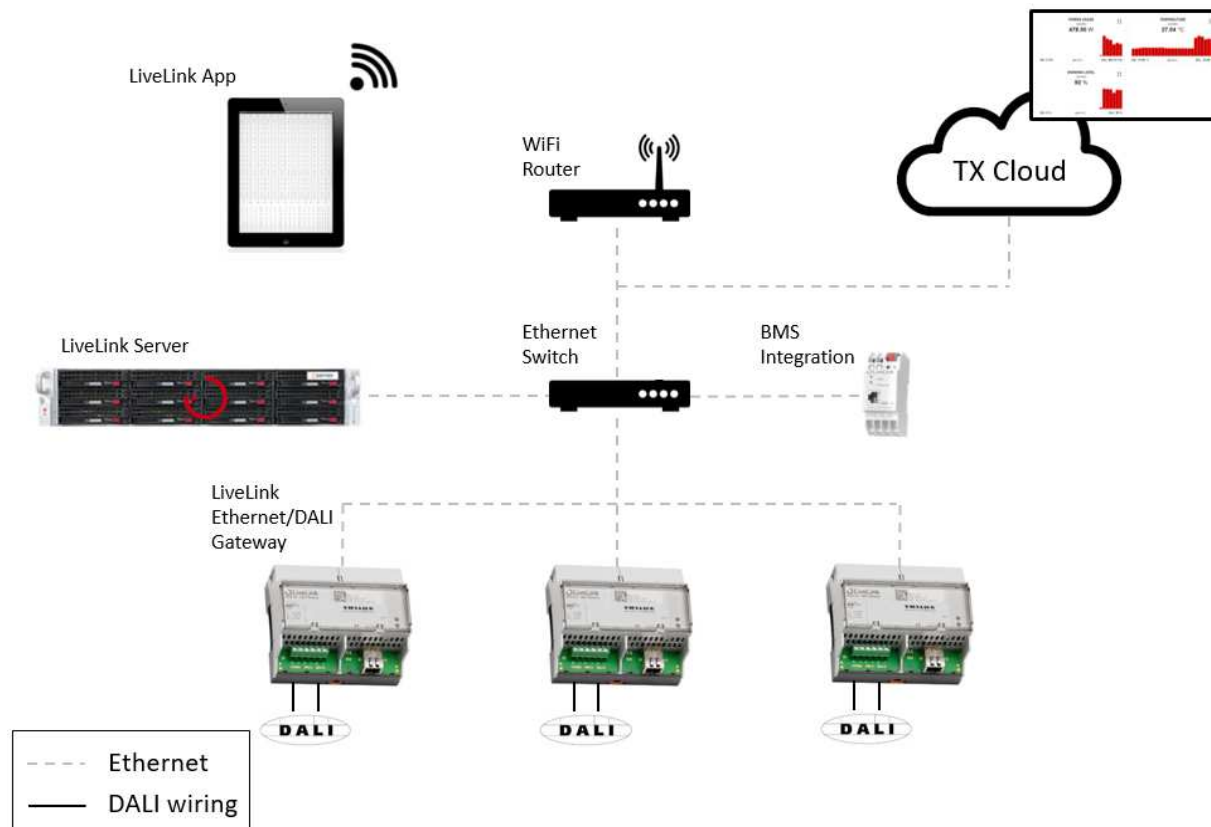
SOFTWARE OVERVIEW

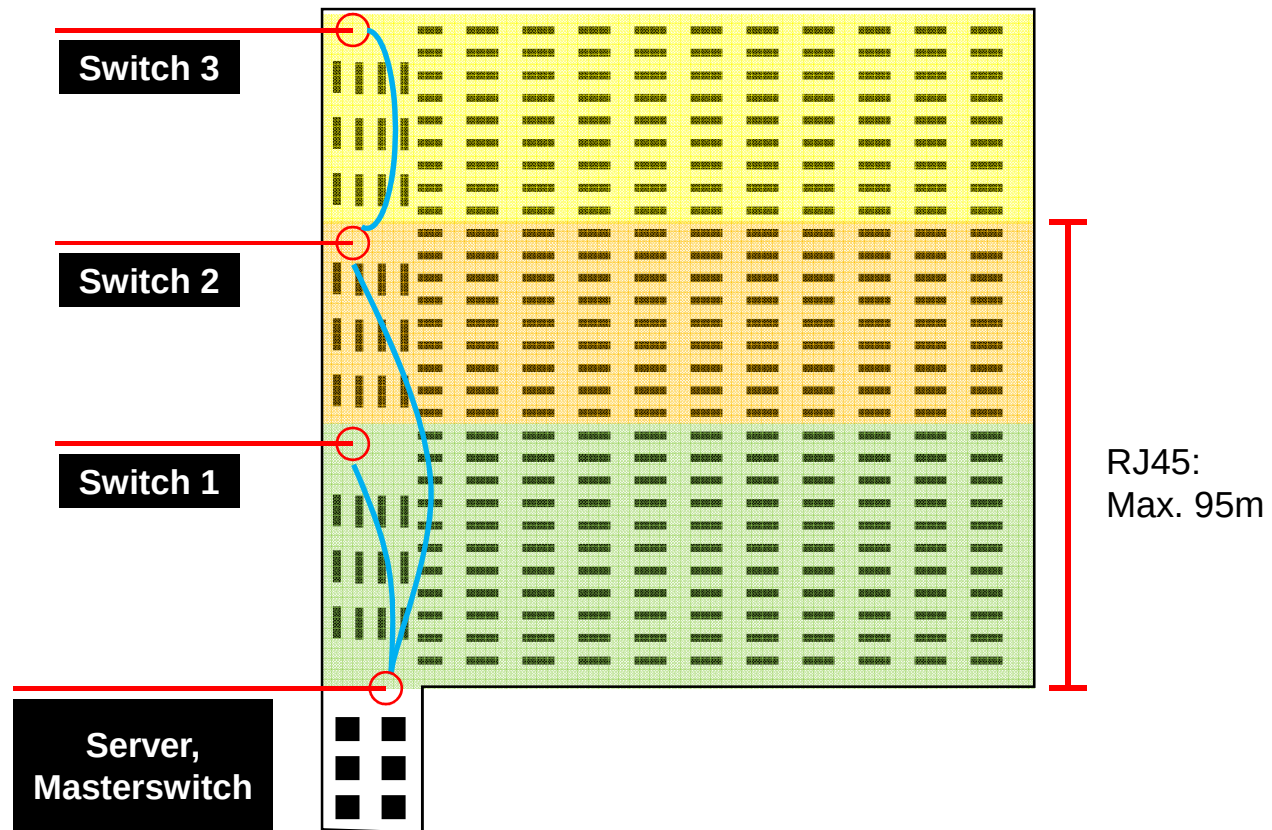






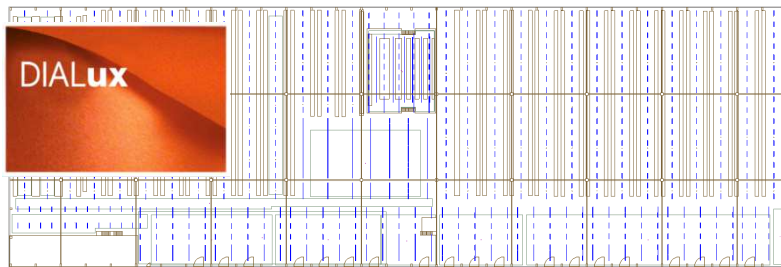
HARDWARE OVERVIEW







STEP 1: IMPORT DATA



Lightplanning of every Room including Luminaires + Sensors

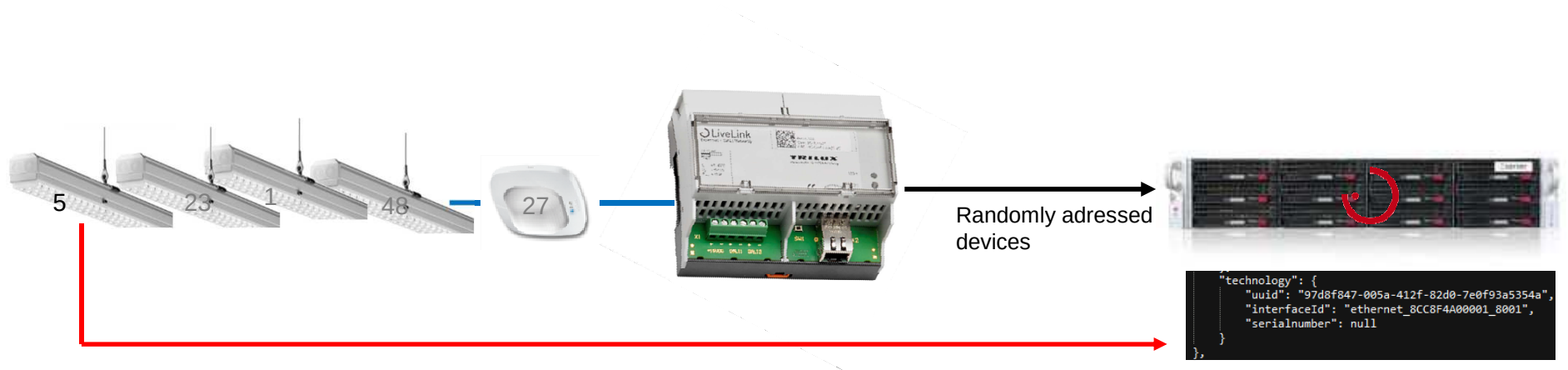
Extraction to database: Positions of devices
+ Floor, Room, Offset

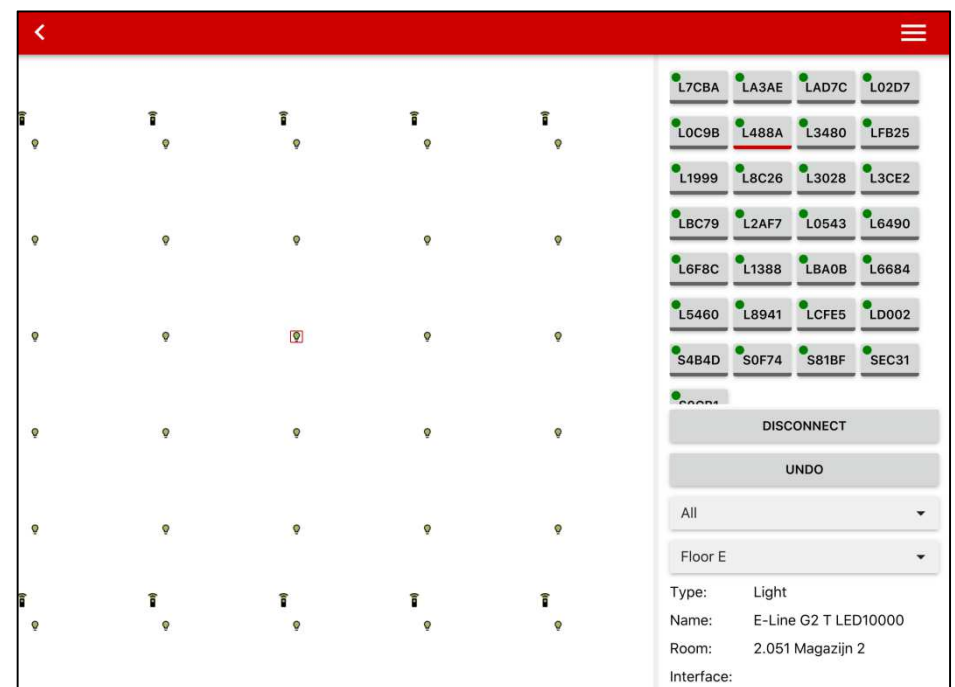
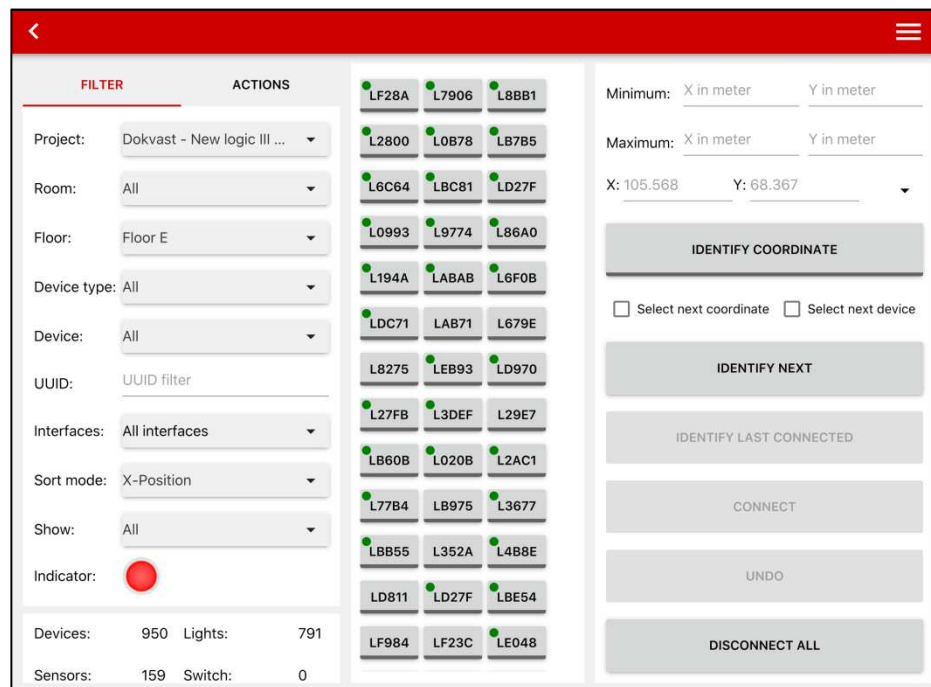


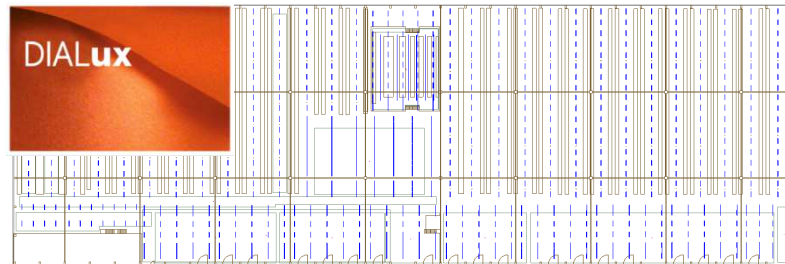
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    "depth": "0.063"
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  "position": {
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    "z": "11.967"
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}
```



STEP 2: BUSSCAN

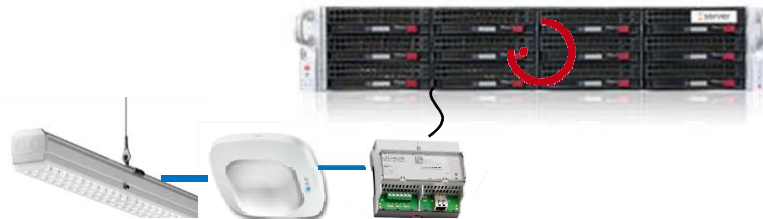






Lightplanning of every Room including luminaires + Sensors

Randomly addressed Devices



DP Converter

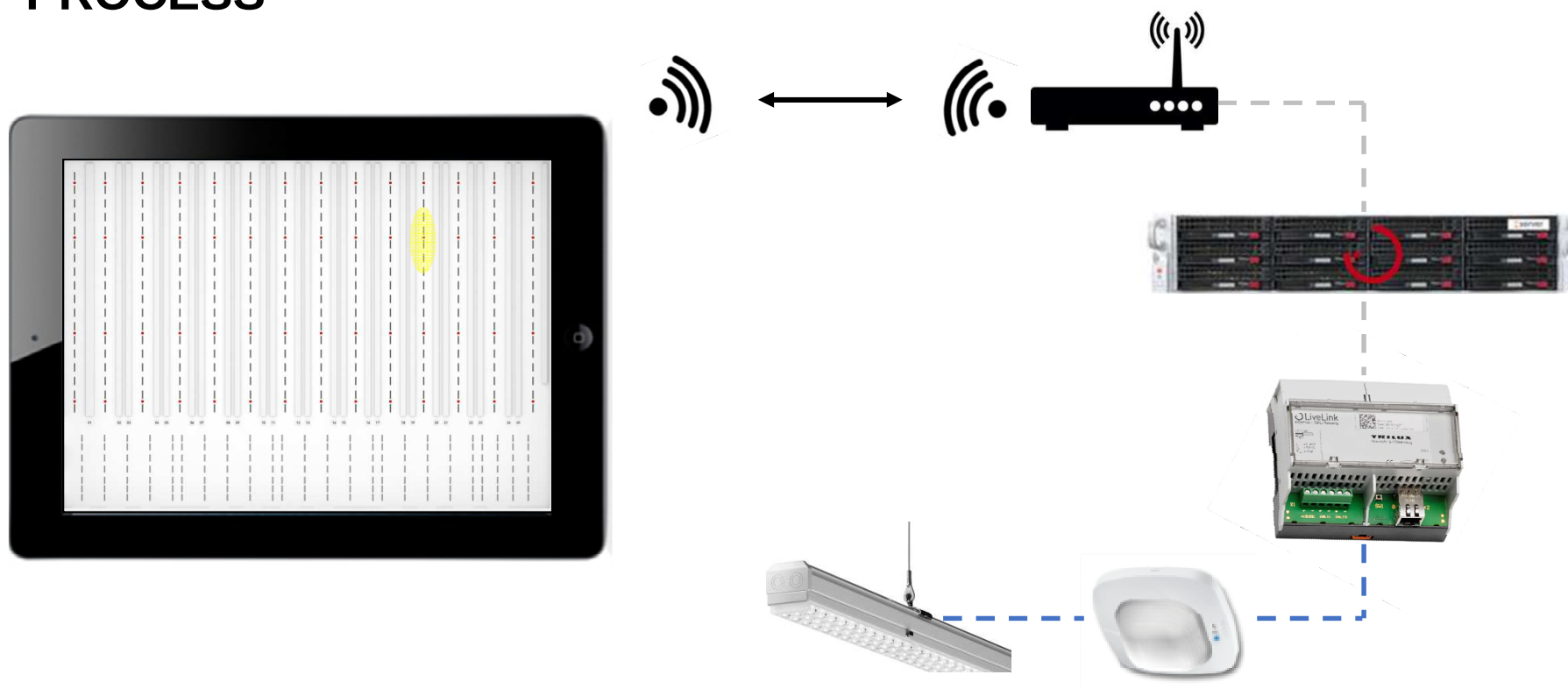
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    "depth": "0.063"
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SIMPLIFY YOUR LIGHT.



Summit 2019





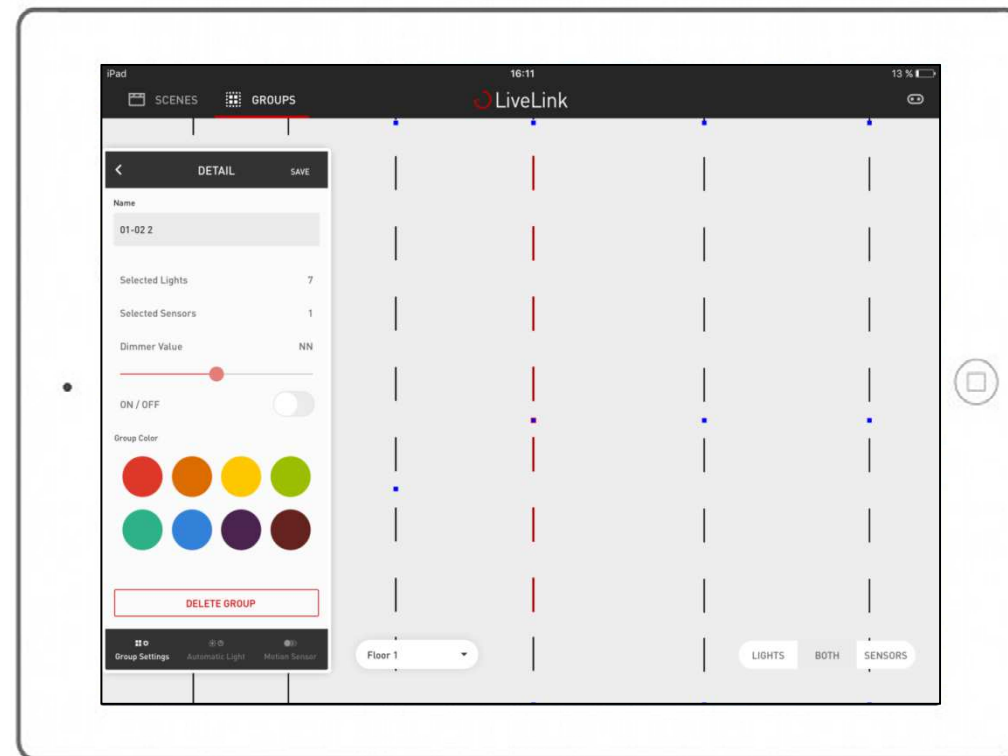


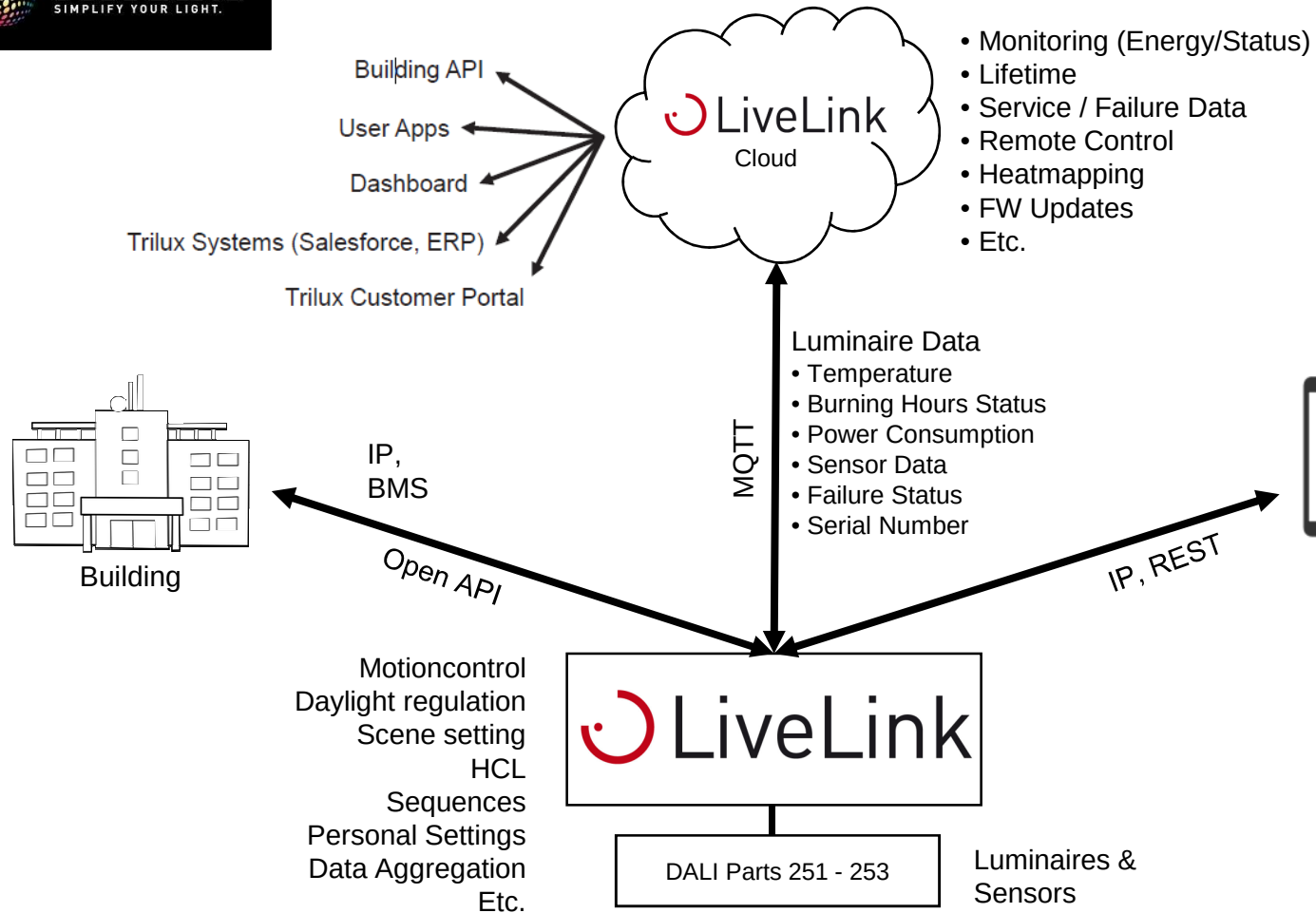
HARDWARE





USER INTERFACE



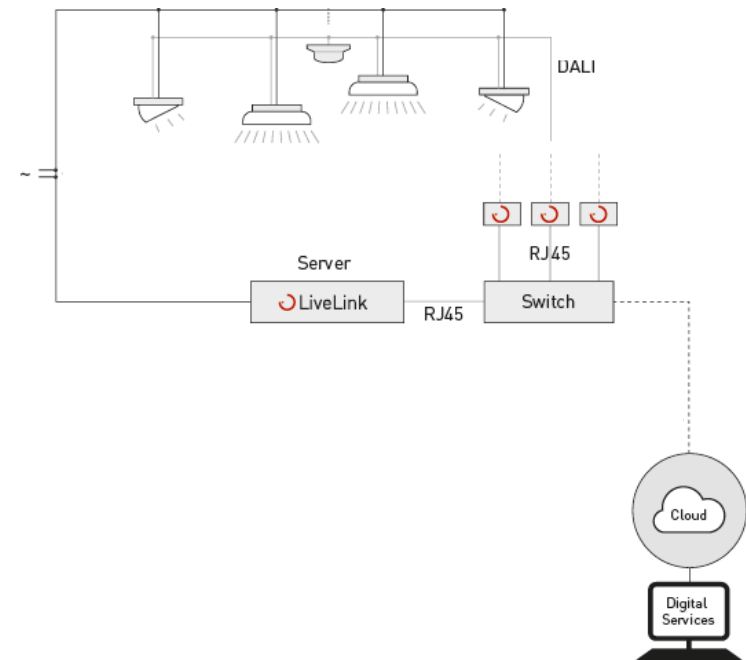




SPECIFICATIONS

- Customer specific functionality
- Full DT6 and DT8 compatibility
- DALI 2 sensor integration
- D4i → DALI Parts 251 – 253
- Cloud connection

→ Suitable for installations with up to thousands of luminaires



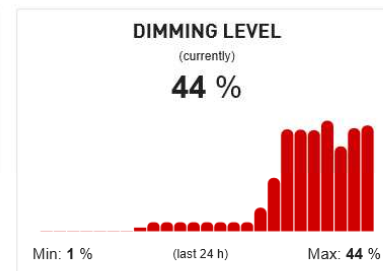
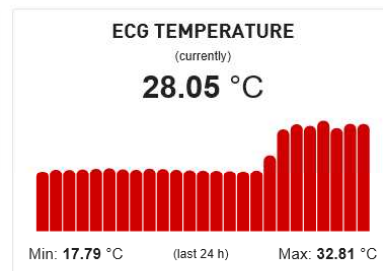
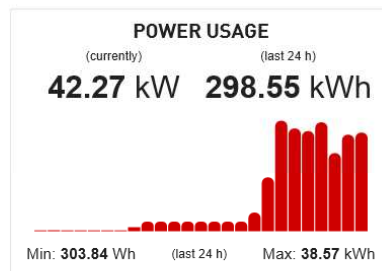
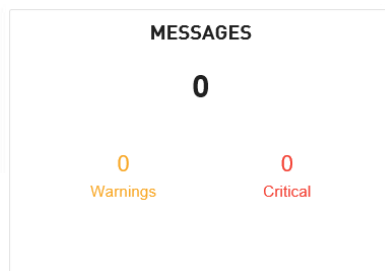




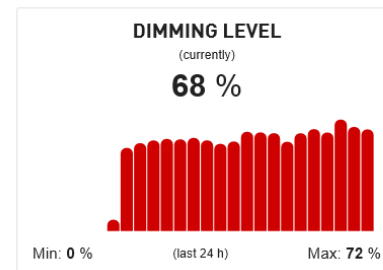
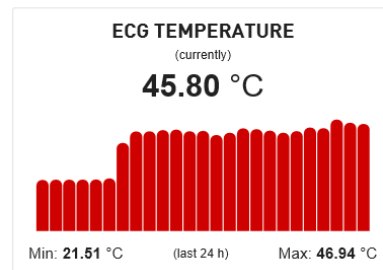
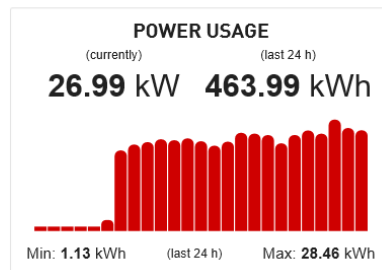
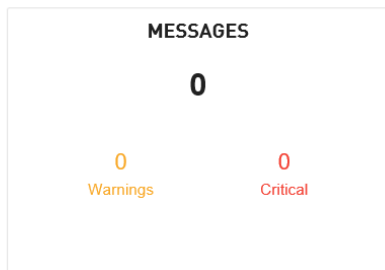
WELCOME, FABIAN MAYER.

TRILUX GMBH & CO. KG

DOKVAST 6



EDC





Search

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DokVast 6

EDC

Hauptgebäude Trilux

ITZ

Kantoor Namen

Lehrwerkstatt

Schoenfabriek

SODE Testgebäude

TDS Dortmund

Testaufbau Nextrema

Testhalle Pulheim (statische IP)

ITZ

Edit

EDC

ANALYSIS

LUMINAIRES

MESSAGES

PERMISSIONS

Back to luminaires overview

IDENTIFY LUMINAIRE

BAG INCD175-100FX-30/220-240/DALI_35

Serial number: 3d21c69c-4e7b-418e-9beb-521e91dfd16a

Switching status: On

LiveLink group: Halle 1 Regal LB 11 Front

Last communication: 02.09.2019 - 13:29:09

LiveLink system: EDC

Operating time: 12,020 h

LiveLink serial number: fa51644f-dead-beef-bc6b-5748cc525602

L80 value: 50,000 h

Luminaire's health status: 97%

Reference temperature: 40 °C

POWER USAGE

(currently) 35.60 W (last 24 h) 451.01 Wh

Min: 0 Wh (last 24 h) Max: 34.41 Wh

ECG TEMPERATURE

(currently) 47.00 °C

Min: 22.00 °C (last 24 h) Max: 52.33 °C

DIMMING LEVEL

(currently) 86 %

Min: 0 % (last 24 h) Max: 86 %



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MANY THANKS!

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THE CHANGE**