



**MY DATA ANALYSIS**  
Connected Lighting

# SMART USE OF BUILDINGS

## My Data Analysis

**30 %**

**More usable space** without new construction [growth or profitable subletting]\*

**25 %**

**Lower cleaning costs** through Smart Cleaning\*

**50 %**

**Save time when looking for space and room search\***

**CO<sub>2</sub>-Reduction**

**Lower energy consumption** through optimized space utilization\*

**30 %**

**Fewer unplanned maintenance costs** through predictive maintenance\*

**ROI**

Investment pays for itself experience within **12–18 months\***

**10–30 %**

**Energy saving** through intelligent light and climate control\*



\*Data may vary depending on the project.

# MORE THAN JUST BUILDING USE

My Data Analysis, made simple.



## Luminaire infrastructure as a data source

**Sensors** form the intelligent basis for a smart building. They collect real-time data on occupancy, room climate, and usage — integrated into the luminaire or as a standalone sensor module. The existing lighting infrastructure thus creates a comprehensive sensor network that provides valuable information for efficient and future-proof building management.

## My Data Analysis combines light, sensors and the cloud to create an intelligent overall solution.

The sensors in the luminaire infrastructure detect continuously collect data on occupancy, air quality, temperature and technical conditions. This information is transferred to the cloud in real time, where it is analyzed and clearly presented in a personal dashboard - and intuitively understandable and immediately usable for well-founded decisions.

Hardware, software, data processing and hosting offer the highest security standards. We rigorously protect data through encryption and other proven security practices, while privacy by design is guaranteed from the outset.

This provides full transparency of areas, processes and resources, and thus the basis for targeted optimization: from cleaning and workplace management to predictive maintenance management through to predictive maintenance.



### Networked database in the cloud

All sensor data from the luminaire infrastructure flow together in the central **regent.cloud**. Occupancy, space utilization, energy consumption and indoor climate are securely stored and structured here. This creates a consistent data foundation on which any smart building management can build on.

### Insights for intelligent building management

The intuitive **dashboard** prepares all information so clearly that space utilization, energy flows, indoor climate or asset tracking can be recorded immediately. Clear displays make trends visible and show optimization potential that can be implemented directly - for an efficient, sustainable and future-oriented smart building.



# THE APPLICATION

## My Data Analysis



### Module 1

#### **Analytics & Reporting – Building transparency at a glance**

Analytics & Reporting provides you with a personalized dashboard of all your relevant building data - from room utilization to cleaning potential. The real-time data provides clarity for well-founded decisions.

- Visual occupancy & utilization analyses by room, floor and building
- Decision-making basis for space optimization, expansion or reduction
- Supports cost control and space strategy



### Module 2

#### **Find my asset - Know where your assets are**

Intelligent asset tracking lets you know where devices are at all times, furniture or equipment. This saves you time, avoids losses and improve processes.

- Live localization of assets such as measuring devices, medical technology or IT equipment
- Faster processes due to less search effort
- Centralized management of all relevant inventory items



### Module 3

#### **Find my place – Finding instead of searching**

Employees can find a free workplace at any time via their device and can also reserve it directly. This not only increases satisfaction, but also saves valuable time every day.

- Real-time overview of all workstations incl. occupancy & reservation
- Increased user satisfaction and reduced frustration
- Ideal for hybrid teams and desk sharing models



#### Module 4

### **Smart Cleaning – Cleaning as required**

With Smart Cleaning, you only clean where it is really necessary – controlled via the presence data of the luminaires. This reduces costs, saves resources.

- Automatic detection of used areas via sensors
- Visual guidance for cleaning staff using light signals
- Improved resource utilization and scheduling



#### Module 5

### **Climate - Understanding and improving the indoor climate**

Record and control the most important indoor climate parameters such as temperature, CO<sub>2</sub>, VOC, light, humidity or noise - for a healthy, productive working environment. Function available with MTM+ [My Technologies Module].

- Precise climate data for every room or area
- Reduction of CO<sub>2</sub> emissions through intelligent ventilation control and energy consumption
- Supports ESG goals and sustainable building management



#### Module 6

### **Predictive Maintenance – Looking ahead instead of repairing unexpectedly**

Sensors and data analysis make it possible to identify maintenance requirements at an early stage and avoid breakdowns. This makes operation more efficient, safer and more predictable.

- Condition monitoring of technical and building components
- Avoiding expensive downtime through preventive action
- Data-supported planning of service intervals

# MY DATA ANALYSIS

Intelligent data. More efficient decisions.  
Sustainable success.

My Data Analysis [MDA] uses sensor technology in the lighting infrastructure, to record usage, occupancy and room climate in real time. This is how cleaning, maintenance and workplace management are controlled efficiently and costs are reduced, vacancies are avoided and CO2 is reduced - scalable from the individual floor to an international campus.



## More efficient use of space

- Reduce vacancies, optimize occupancy (e.g. desk sharing ratio < 0.5)
- Up to +30 % more usable space - for growth or subletting



## Cost reduction in building operation

- Up to -25 % less cleaning costs
- Increase energy efficiency: 10-30% energy savings through intelligent lighting and climate control



## Increase productivity, save time

- -50% time saving when searching for workstations, live location and clear room overview reduce stress and make employees day-to-day work easier
- Fewer internal inquiries about room availability or equipment



## Meeting sustainability and ESG targets

- Measurable CO2 reduction through more efficient land use & control
- ESG reporting: My Data Analysis supports you in achieving your ESG goals



## Working healthy

- Optimized room climate and targeted cleaning promote well-being and hygiene
- Good air quality and ergonomically controlled environments improve the performance and reduce sickness-related absences



## Modern and flexible environment

- Networked working environments create motivation and a climate for innovation
- Hybrid teams benefit from transparency and dynamic room availability

## Arrange a My Data Analysis demo now.

Let us show you how My Data Analysis can make your processes measurable - without obligation & individually.



# REGENT SERVICE

Just the way you need it

We develop solutions that fit - individually tailored and with functions, tailored precisely to your requirements. From the installation of the hardware and software to setting up your personal dashboard, we accompany you personally and reliably. We are also there for you after the launch - with regular updates, proactive support and genuine reliability.

Let us know your operating costs  
data-based and efficient optimization.



**Arrange My Data Analysis demo now.**

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Further information can be found at [www.regent.ch/mda](http://www.regent.ch/mda)  
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