siteco

sixData

Municipal administration of the future.

Forget about stacks of paper and manual processes!
With SITECO and sixData, you can manage everything centrally.
Via a single user interface. Easy and intuitive.
The solution for managing your operations – manage, control, maintain and service.

How do you manage your lighting today?

How many luminaires do I have?

Do I have all the data for my lighting?
How do I inventory my luminaires "correctly"?

Are processes like engaging partners and documentation tedious and paper-intensive?

How much energy can I save?

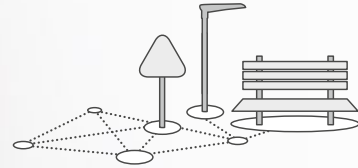What is the condition of my lighting system?

How can I control my lighting?
Can I do this on a cross-vendor basis?

Does it make sense to refurbish my lighting?

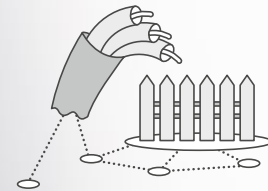How much am I affected by new regulations like the protection of insects?

Digital. Transparent. Flexible.
Perfectly connected for easy management.

Everything already integrated?

Point objects

Street lighting, traffic lights, illumination of buildings, distribution cabinets, tree register, park benches, garbage cans, manhole covers, hydrants, bollards, parking ticket machines, city map display cases, billboards, advertising pillars, fountains, bus stops

Line objects

Cables, lines (gas, water, electricity, heat), fences, bicycle paths

Surface objects

WLAN coverage, public green spaces or parks, playgrounds

Our answer: luxData – the solution for your entire community.

Tomorrow's municipal administration involves more than just a registry.
The demands on municipal administration are growing every day: saving energy, reducing CO_2 emissions, protecting insects, digitalizing management, increasing efficiency and at the same time ensuring smooth operation around the clock.

Our solution: luxData.easy brings the future of operational management to your town or city today. And management is just the beginning. Commissioning and documentation of any work automates your processes. Cross-vendor control and monitoring your lighting makes you future-proof. You can even leave the maintaining and servicing to us to fully focus on your core business. luxData is the solution. For managing your entire lighting and all other objects in your town or city.

Let's get started today. Together we will define the management of the future for your community.

luxData.easy at a glance:

Administration and operational management **of the future**.

Operational management made easy:
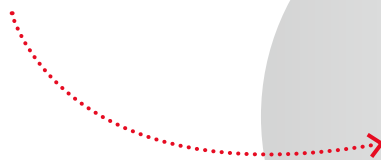**luxData is modular in design and 100 % flexible.**
Everything starts with the registry survey and
management of your lighting in a central software
solution. Maintenance and servicing are organized
completely digitally and your lighting can be
monitored and controlled in real time – whether new
or existing luminaires. Once recorded, we help you to
plan your lighting of the future and optimize your system
together with you.

The choice is yours: Use luxData or allow us to
coordinate your entire operational management.

Maximum service.
Customized for your town or city.
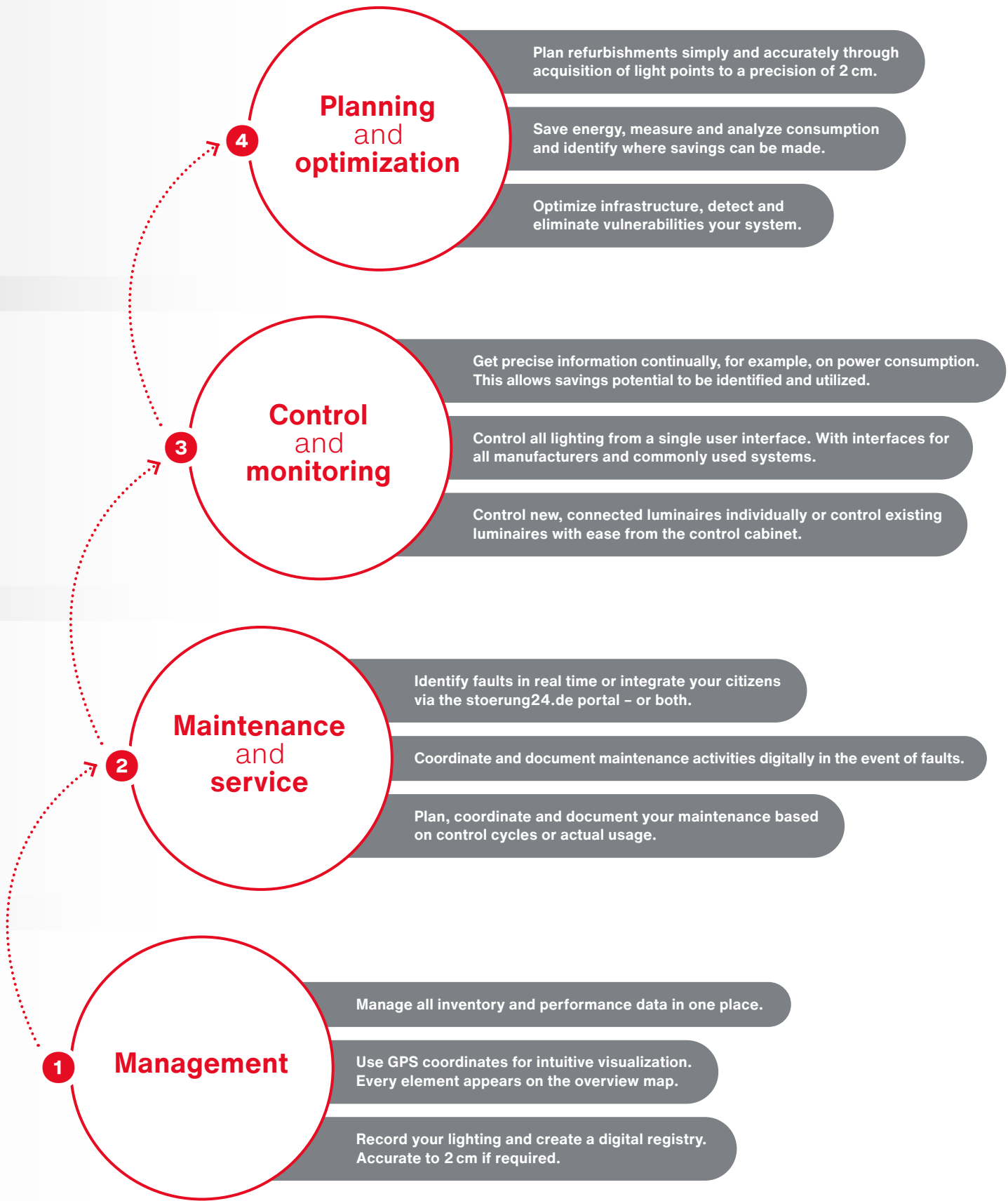
**What do you
want from your
sixData solution?**

Planning
and
optimization

4

Plan refurbishments simply and accurately through acquisition of light points to a precision of 2 cm.

Save energy, measure and analyze consumption and identify where savings can be made.

Optimize infrastructure, detect and eliminate vulnerabilities your system.

Control
and
monitoring

3

Get precise information continually, for example, on power consumption. This allows savings potential to be identified and utilized.

Control all lighting from a single user interface. With interfaces for all manufacturers and commonly used systems.

Control new, connected luminaires individually or control existing luminaires with ease from the control cabinet.

Maintenance
and
service

2

Identify faults in real time or integrate your citizens via the stoerung24.de portal – or both.

Coordinate and document maintenance activities digitally in the event of faults.

Plan, coordinate and document your maintenance based on control cycles or actual usage.

Management

1

Manage all inventory and performance data in one place.

Use GPS coordinates for intuitive visualization. Every element appears on the overview map.

Record your lighting and create a digital registry. Accurate to 2 cm if required.

① Management

Which and how many luminaires do I have in my system?

All data available at all times, from the date of installation to the geographical location. Shown in map, table or hybrid form ...

... and with a simple click of the mouse for all objects in your town or city – clearer than in Excel.

② Maintenance and service

Are all luminaires working? When is maintenance needed?

Identify faults early on, plan maintenance, place work orders and document their processing ...

... track in real time and from anywhere. Or simply sit back and have the sixData service team manage all operational needs for you.

All data available – just a click away.
A real game changer in the management of your lighting and many other objects.

Maintenance and servicing with optimum convenience.
Satisfied citizens because faults are resolved quickly and conveniently via app.

3

Control
and
monitoring

**How can I control my lighting?
Across vendors?**

Control all luminaires centrally in your
town or city – whether street blocks
or individual luminaires ...

... cross-vendor control tailored
individually to your needs and budget.

4

Planning
and
optimization

**How much energy do I need?
What am I planning for the future?**

Measure power consumption and
operating costs, identify savings
potential and prepare optimally
for refurbishments ...

... get savings recommendations
from luxData.easy thanks to accurate
data and intelligent statistics.

**Save energy and reduce
CO$_2$ emissions, minimize
maintenance requirements
with intelligent control.**
All relevant data is available
at a glance at all times. The
control system allows you
to intervene really easily if
necessary.
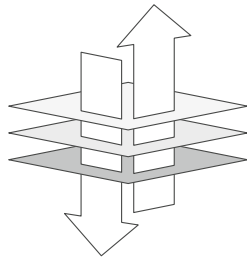
**Your town or city –
always a step ahead.**
Plan your future lighting
based on the collected data.
Get your individual savings
recommendation from
luxData.easy.

sixData.
Maximum compatibility.
Maximum security.

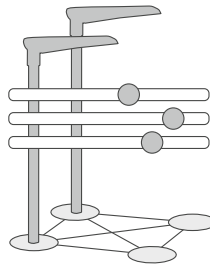**Compatibility is a given for us.** Regardless of the system you have been using to date – we offer interfaces to all lighting control and geoinformation systems. **Our systems are optimally protected.** Data and software services are located securely on servers in Germany. Our security standards are tested and certified by QAS International according to ISO 27001.

More interfaces and greater security are not possible.

Interfaces to all GIS systems

QGIS 2.x and 3.x
GISMobil (SPIE)
MapInfo (PB)
ArcGIS 9.x and ArcGIS 10.x (ESRI)
RIWA GIS-Zentrum (RIWA)
Visor (Megatel)
GEONIS (geocom)
G!NIUS (Intergraph)
TopoBase (c-plan)
Lovion (Lovion GmbH)
CAIGOS (formerly PolyGIS)
Ingrada (Softplan)
Smallworld (GE)
WebOffice (AED-SYNERGIS)
and other providers

Interfaces to all lighting systems

ALiS
Echelon
eSave
F8 Solar
GreenBox
Hausheld
Moxa
Paradox
Owlet/EXEDRA
SITECO SLC / IQ
Sustainder
Citytouch/Interact
Tvilight
Zett Zig Bee

Secure server hosting "hosted in Germany"

Database server, preconfigured with luxData software
High availability, connected redundantly to the Internet via three carriers
Daily backup of all datasets
24/7 monitoring of all services
Regular security audit

ISO 27001 certification

luxData.easy.
Maximum simplicity.
Maximum flexibility.

The name says it all – the web-based user interface offered by luxData.easy allows all relevant data to be managed easily and accurately.
The luxData.easy functions are as flexible and versatile as the communities and administrations that use them.

luxData.easy can ...

- ... be filled easily like Excel.
- ... record all data from the date of installation to power consumption.
- ... control all objects in your town or city.
- ... monitor lighting and record fault reports.
- ... measure power consumption.
- ... provide custom dashboards for maximum transparency.

Everything at a glance.
Every component can be recorded fully – from traffic sign to street light, from dog bag dispenser to park bench. And urban spaces and lines and cables too.

Control everything centrally and save in the process.
Control objects, individual luminaires or entire street blocks. And take advantage of savings potential thanks to the precise information.

In the map view or in table form: where, how, what?
Every element appears on the overview map, with different colors or assigned numbers depending on its type. The components can be filtered and sorted to provide a faster overview.

Manage access easily, document work processes
All users and installers are assigned individual rights. These can be assigned via the system, as well as placing work orders and documenting work – precisely and reliably.

Secure servers, secure data.
Protect data and systems? But of course! The servers used by sixData are located in Munich. The software is a German product.

Everywhere and always there.
The sixData applications are bound neither to place nor time. You can use them via a web-based application from a mainframe in the office. Or simply as an app solution for your pocket.

Open for all.
Compatibility is not an issue: Interfaces are available for all manufacturers and applications. A solution for your entire community.

Flexible payment system with no long-term commitment.
The sixData system suits every budget thanks to its payment model. It can be leased on a monthly basis and canceled at any time. This means that luxData.easy can be implemented without the risk of high costs.

Get to know us!
You want to try out what it would be like to work with us? We would be glad to start a pilot project with you. Shall we begin simply with a street block?
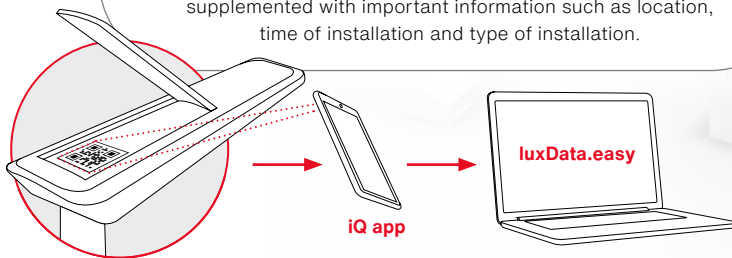
1

Set up software and use what's there.

We create an overall picture of all infrastructure elements in your town or city. After setting up the software, we import existing data where it makes sense. The **data import** works in a simple and uncomplicated way. The web-based **user interface** is simple to use and can be adapted individually; the layout is based on the familiar Excel structure. All details are additionally replicated in the clearly laid out **map view**.

Scan and transmit SITECO luminaires with total ease.
SITECO luminaires can be inventoried and transmitted to luxData.easy using a QR code. The luminaire data can thus be supplemented with important information such as location, time of installation and type of installation.

luxData.easy

iQ app

2

Registry survey on site.

Your existing system is the basis for a **professional registry**. If digital data is not yet available, we carry out an on-site **survey** of everything: with 2 cm precision, luminaire type and mast type. If you like, we can also check the condition. Additional **municipal infrastructure elements** complete the overall picture, providing the perfect basis for forward-looking management!

Let's get started:
Your path to the administration of the future.

Use our modular service and choose what is useful for you.
How much work can we save you?

(3) Integrate partners.

You work as a team and **integrate employees and partners**. For example, you can **engage** electricians directly. The app is available to all and ensures that everyone's data is up to date can be **documented** live. On request, we can handle commissioning and documentation for you.

(4) Set up a network for monitoring and control.

Regardless of manufacturer, **you can control all lighting using a single user interface.** Is everything working? Once networked, we monitor your lighting. Are there malfunctions at present? With luxData.easy, **errors to be recorded, resolved and documented professionally.** Reports from citizens can also be used, for example, via the stoerung24.de portal.

(5) Operational management made easy.

Maintenance intervals can be defined and managed with ease via in luxData.easy. This ensures **smooth everyday operation**. And as soon as a fault is reported, the system arranges for a service team **to resolve it**. The infrastructure is therefore **always ready to use** with no major delays.

(6) Identify energy-saving potential.

The control system permanently provides you with precise information in everyday operation. Also on your **power consumption**. This allows you to identify and use **savings potential**. If desired, we can offer you recommended options for **refurbishing your lighting**.

How much work can we save you? You can handle service and maintenance yourself. Or ease your workload and hand over this task to SITECO. This can be easily done digitally – thanks to SITECO's modern control center. And the costs? Are your decision.

"The use of luxData.easy enables us to **operate an efficient knowledge management system**. We were particularly impressed with the **personal contact with the developers** during implementation and operation of luxData.easy. We were able to incorporate our **individual**, **community-specific requirements and wishes**."

Elektro WATT

"The system very simply combines the interaction between **tables and a city map** in which the table data can be located."

SWLB

More than
250 customers
Using luxData.

"Thanks to the **simple, intuitive use on various end devices,** we can call up, edit and save information really easily."

CL Design GmbH

"luxData.easy offers us **swift access** to all necessary information. This **saves time** and ensures **enhanced data quality with low maintenance requirements.** I am particularly pleased with the option to **incorporate a WMS system**, which allows a topographical map to be integrated from the municipal GIS system."

City of Fulda

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