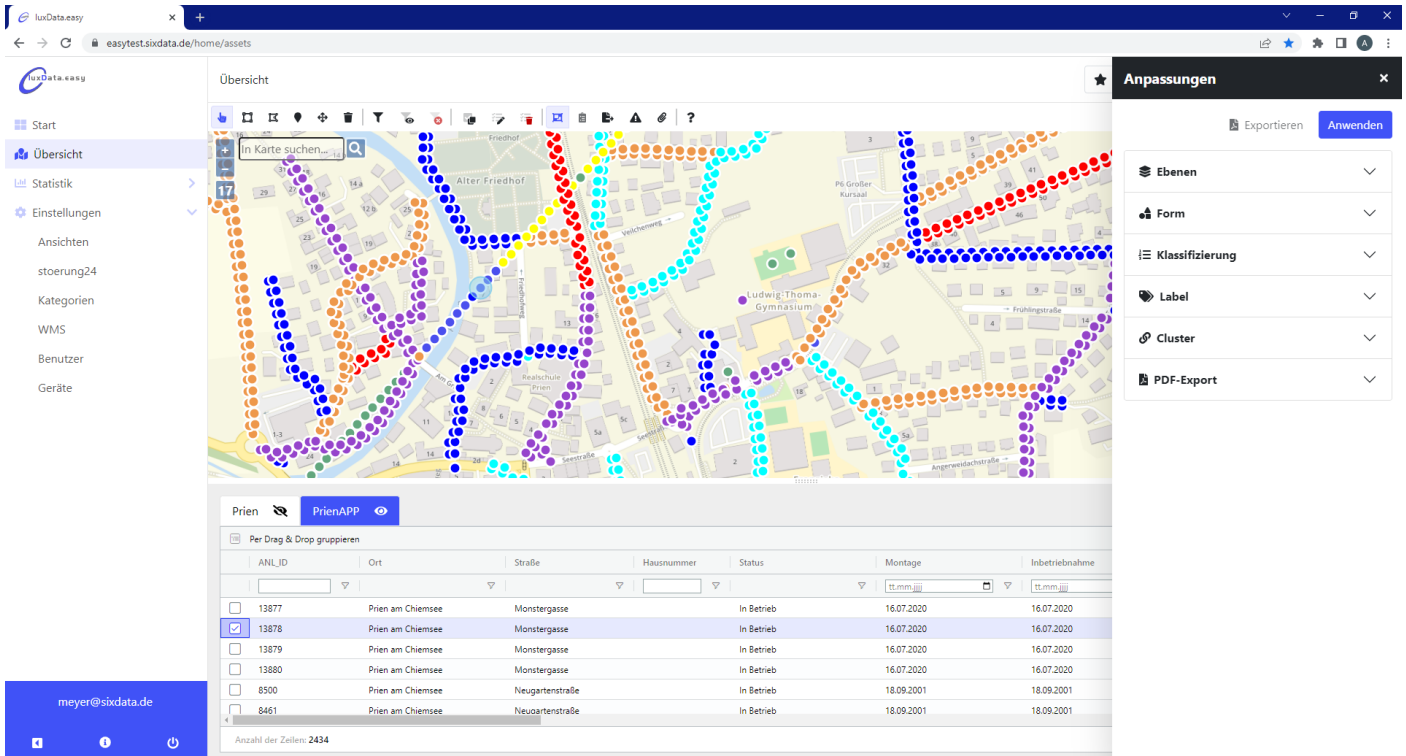




# luxData.easy

# luxData.easyApp

Simple data management for various objects  
with map display and  
data aquisition or data correction on site



**Übersicht**

In Karte suchen...

**Anpassungen**

Exportieren Anwenden

Ebenen

Form

Klassifizierung

Label

Cluster

PDF-Export

**Prien** **PrienAPP**

Per Drag & Drop gruppieren

	ANL_ID	Ort	Straße	Hausnummer	Status	Montage	Inbetriebnahme
<input type="checkbox"/>	13877	Prien am Chiemsee	Monstergasse		In Betrieb	16.07.2020	16.07.2020
<input checked="" type="checkbox"/>	13878	Prien am Chiemsee	Monstergasse		In Betrieb	16.07.2020	16.07.2020
<input type="checkbox"/>	13879	Prien am Chiemsee	Monstergasse		In Betrieb	16.07.2020	16.07.2020
<input type="checkbox"/>	13880	Prien am Chiemsee	Monstergasse		In Betrieb	16.07.2020	16.07.2020
<input type="checkbox"/>	8500	Prien am Chiemsee	Neugartenstraße		In Betrieb	18.09.2001	18.09.2001
<input type="checkbox"/>	8461	Prien am Chiemsee	Neuartenstraße		In Betrieb	18.09.2001	18.09.2001

Anzahl der Zeilen: 2434

meyer@sixdata.de

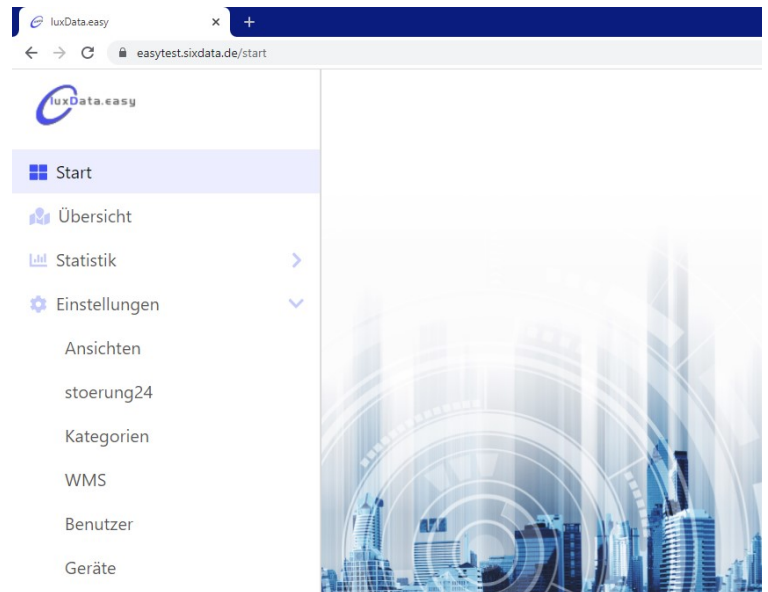
## What is luxData.easy?

luxData.easy is a web application for a simple representation of object data. It is structured in tabular form and also uses the visual representation of a map. luxData.easy is available to you via the servers of sixData GmbH.

The software differentiates between different object types that can be managed and displayed:

- ◇ **Point objects:** street lighting, traffic light systems, distribution cabinets, tree registers, park benches, waste bins, manhole covers, hydrants, parking ticket machines, city map showcases, large billboards, advertising columns, fountains, bus stops, etc.
- ◇ **Line objects:** cables, lines etc.
- ◇ **Area objects:** WLAN coverage, public green spaces, playgrounds, etc.

luxData.easy is a small and uncomplicated application. Data can be imported from Excel or entered manually in luxData.easy. When importing into Excel, simply select the Excel file you want and the table in luxData.easy is automatically created and filled with the data.



## Main screen

The main mask is designed clearly and offers a lot of functionality.

ANL_ID	Ort	Straße	Hausnummer	Status	Montage	Inbetriebnahme	Schranknummer	Mast Nummer
13928	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13929	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13930	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13931	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13932	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13933	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13934	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000
13935	Prien am Chiemsee	1234_RH		In Betrieb	01.01.2022	01.01.2022	0014-0334	00310-000

## Map tools

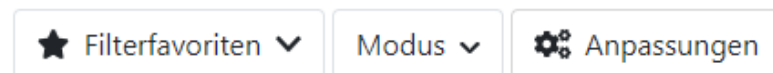


Several tools are provided to operate the map. If you click on the question mark icon, you will receive detailed explanations of the individual tools.

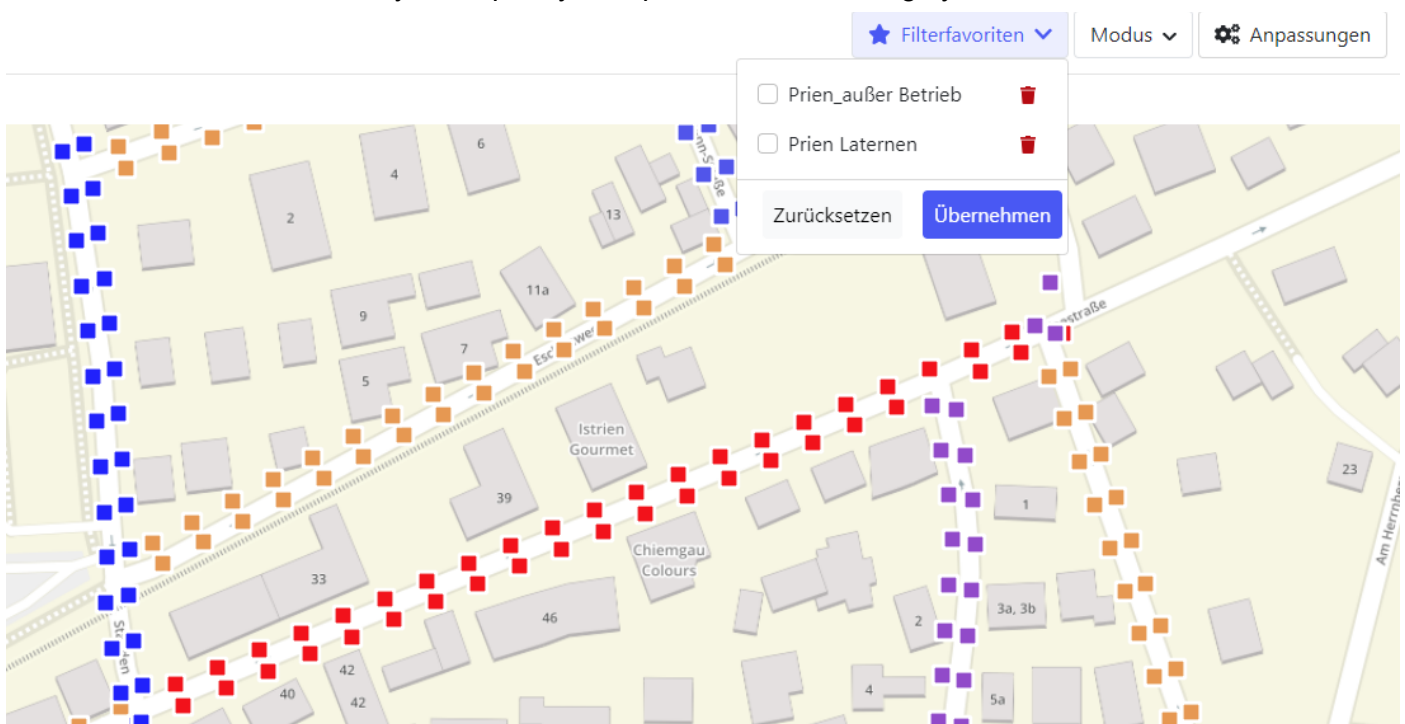
	Single selection		Filter selection		Activate clustering
	Rectangle selection		Hide unfiltered objects		Open selection list
	Polygon selection		Reset filter		Export all data
	Create a new object (point, line, area) on the map		Copy line		Create a malfunction report
	Move object		Edit highlighted line(s)		Show attachment
	Delete object		Delete highlighted line(s)		Help: explanation of the icons

## Change display - favorite filters

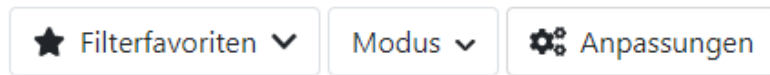
The display of the map can be changed with the following settings.



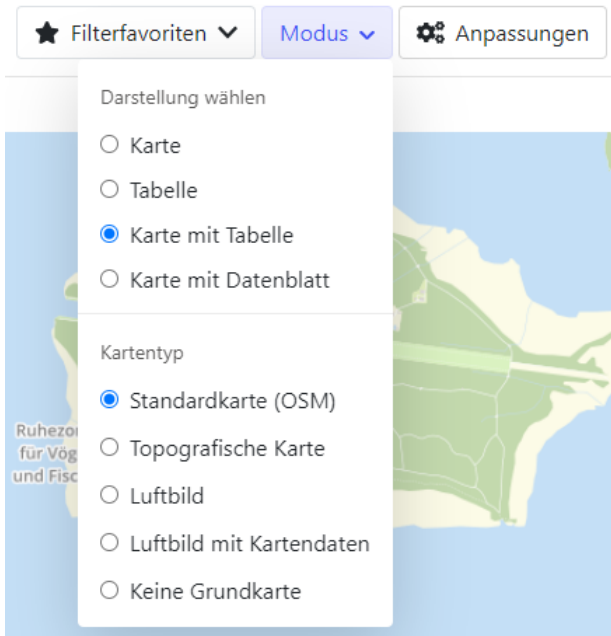
The *filter favorites* tab allows you to quickly accept or reset the settings you have set.



## Change display - map functions



The settings in the *Mode* tab change the type of view and the map type.

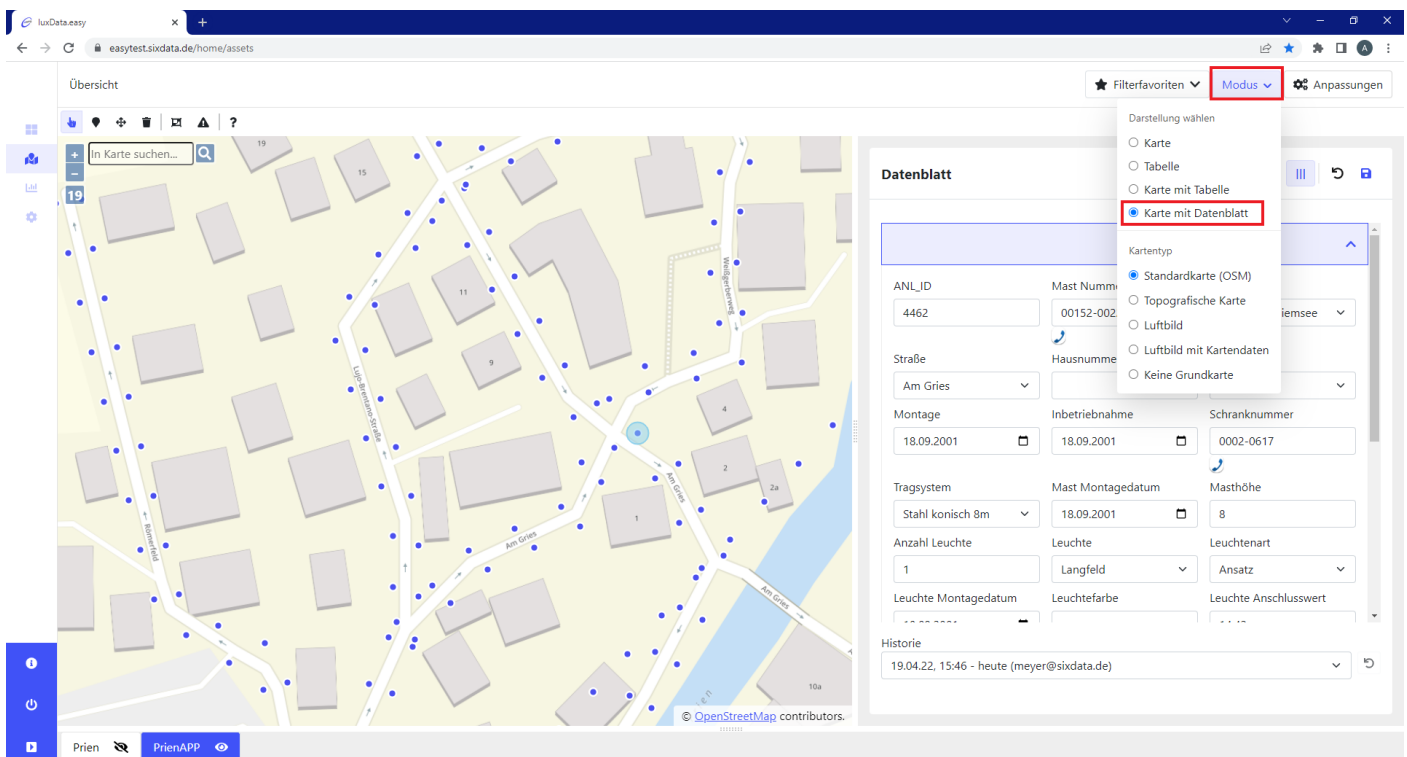


Here you can specify whether only the map or only the table should be displayed, or a combination of both. Also, in addition to the map, the data sheet with all the details about the selected object can be displayed.

Furthermore you can choose between different map types for the display: an OpenStreetMap map, a topographical map, an aerial photo or a view without a map at all. In this last case only the created objects are shown against a white background.

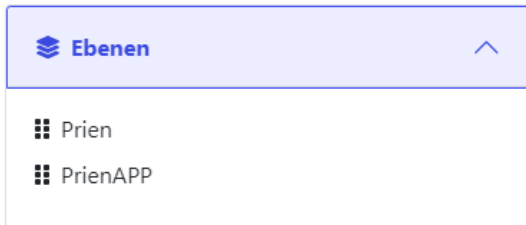
## Change display - data sheet

With the *map with data sheet* option in the *Mode* tab, you can have the data for an object shown in more detail. You can make adjustments directly in the data sheet.

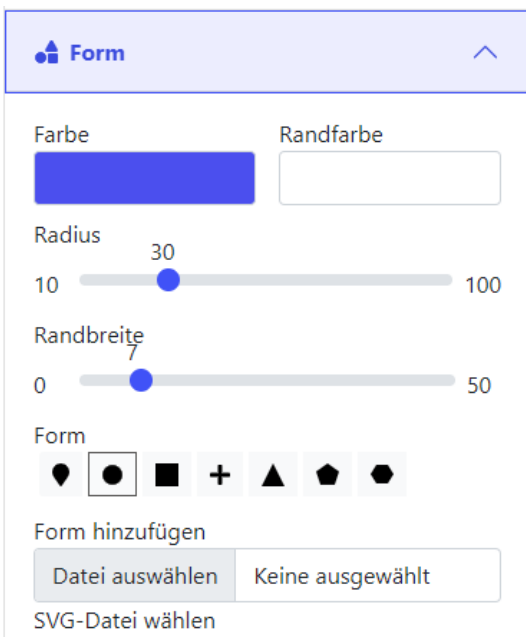
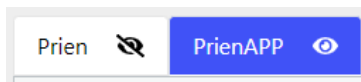


## Change display - objects

The display of the objects on the map can be changed with the following settings in the *Adjustments* section.



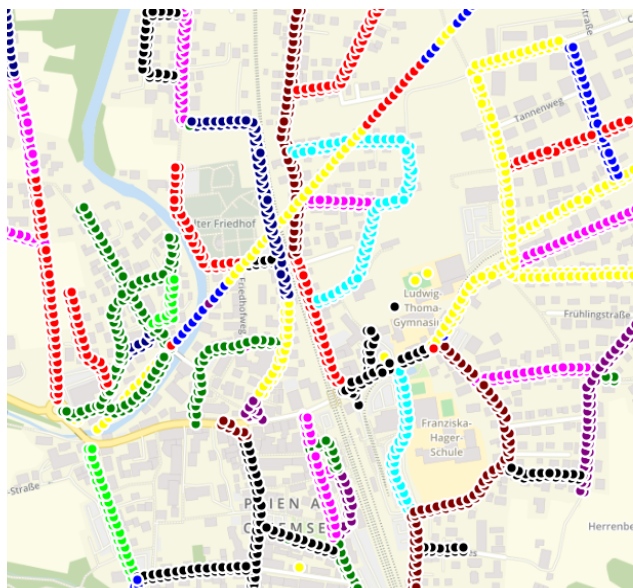
Listing of the different existing levels. These can be made visible and invisible and can be superimposed.



Change the color, size and shape of the dots shown on the map.



You can use the classes to influence the color grouping of the objects on the map.





## Change display - objects

**Label**

Kriterium  
 ANL\_ID

Schriftgröße  
 12

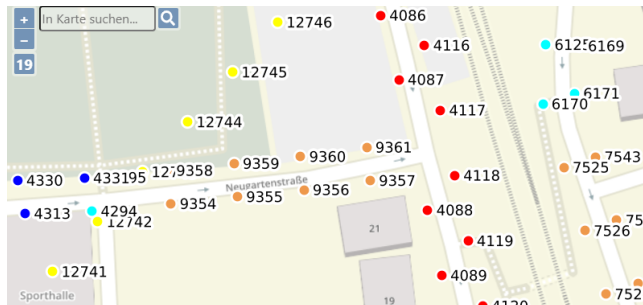
Farbe

Umrandung  
 Ja

Versatz X  
 3

Versatz Y  
 3

The designations of the objects in the map can be changed. The formatting of the selected label can also be adjusted.



**Cluster**

Clustering bis (Zoomstufe)  
 10

Zoomstufen bei Klick auf Cluster  
 3

With the help of clustering, several individual objects can be combined into groups (clusters) and thus displayed more clearly on the map.

The number displayed in a cluster indicates how many individual objects it contains. The further you zoom into the map, the more these groups are broken down. As a result, more and more details - individual objects - become visible.

**PDF-Export**

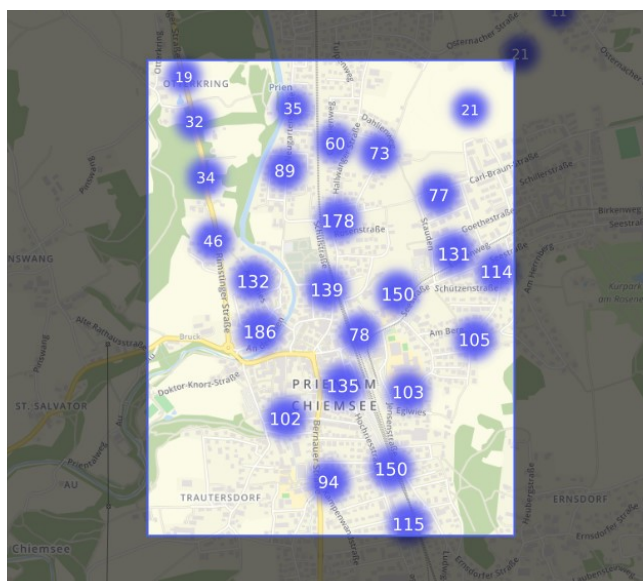
Vorlage  
 A4 Portrait

Maßstab  
 1:5000

Titel

Bemerkung

Maps can be exported as PDF reports. Adapt the desired graphical section directly by moving the map.



## Data tables

If a line is selected, the corresponding objects are selected on the map.

The screenshot shows the luxData.easy interface. At the top is a map with various blue location pins. Below the map is a data table with columns: ANL\_ID, Mast Nummer, Ort, Straße, Hausnummer, Status, Montage, and Inbetriebnahme. The table is filtered to show 2434 rows. Two rows are selected: row 6740 (ANL\_ID 00218-0064) and row 6778 (ANL\_ID 00218-0067). Red arrows point from these selected rows to the corresponding location pins on the map.

	ANL_ID	Mast Nummer	Ort	Straße	Hausnummer	Status	Montage	Inbetriebnahme
<input type="checkbox"/>	6776	00218-0063	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input checked="" type="checkbox"/>	6740	00218-0064	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input type="checkbox"/>	6777	00218-0065	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input type="checkbox"/>	6741	00218-0066	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input checked="" type="checkbox"/>	6778	00218-0067	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input type="checkbox"/>	6742	00218-0068	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input type="checkbox"/>	6779	00218-0069	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input type="checkbox"/>	6743	00218-0070	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992
<input type="checkbox"/>	6780	00218-0071	Prien am Chiemsee	Felix-Dahn-Straße		In Betrieb	16.01.1992	16.01.1992

Anzahl der Zeilen: 2434

## Data tables - selections - filters

This screenshot shows the 'Montage' column in the data table. A search bar 'Suche...' is at the top. Below it, a list of columns is shown with checkboxes for selection. The columns are: ANL\_ID, Mast Nummer, Ort, Straße, Hausnummer, Status, Montage, Inbetriebnahme, Schranknummer, Tragsystem, Mast Montagedatum, and Masthöhe. A red box highlights the 'Spalten' (Columns) and 'Filter' buttons on the right side of the column list.

Column and filter selection

This screenshot shows the 'Leuchte' column in the data table. A search bar 'Suche...' is at the top. Below it, a list of filter functions is shown with checkboxes for selection. The filter functions are: Alle auswählen, CityLight NEO, CityLight ULTRA, Großer Koffer, and Historisiert. A red box highlights the 'Filter zurücksetzen' button at the bottom of the filter list.

Filter function available per column

## Data tables - manage columns

Columns can be edited in the data table. To do this, hover over the column designation and then click on the hamburger menu (icon with three lines). Afterwards select the desired action.

Straße		
Seiserstraße	Spalte anordnen	links
Seiserstraße	Spaltenbreite automatisch	rechts
Seiserstraße	Alle Spaltenbreiten automatisch	✓ ohne
Seiserstraße	Gruppieren nach Straße	
Seiserstraße	Spalte zurücksetzen	
Seiserstraße	7	7

It is also possible to change the column order using drag & drop.

Anschlusswert	Anschlusswert	gedatum ↑
82.4		07.11.2003
43.26		16.01.1992
29.87		18.09.2001

The columns can be grouped.

Strasse	Strasse	Ort
Nummer		

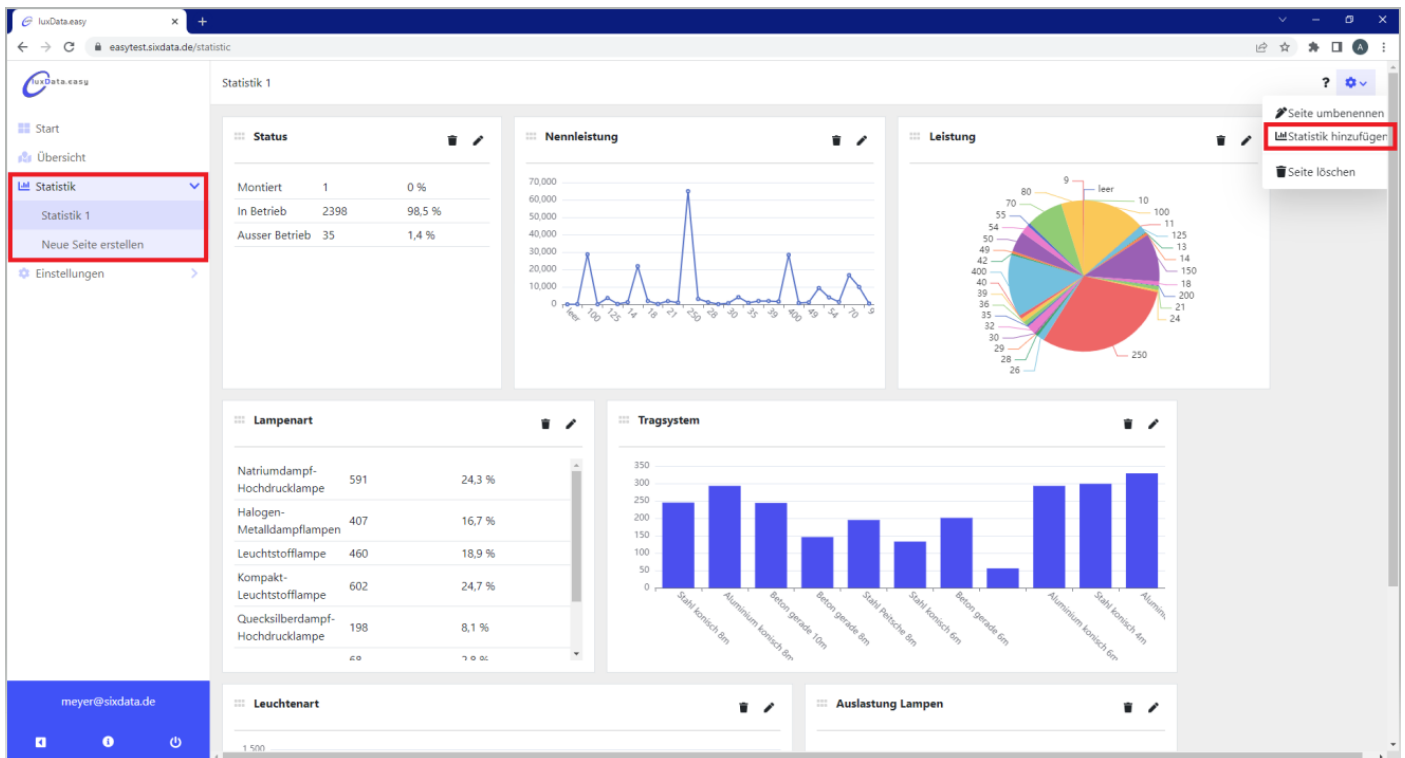
Gruppe	Numme
> Seiserstraße (19)	
> Kraimooser Straße (23)	
> Mitterweg (46)	
> Mairhausenstraße (17)	
> Ramoserstraße (24)	
> Eschenstraße (15)	
> Ulmenstraße (16)	



## Statistics

Every user can create simple statistics about relevant data with just a few clicks. The statistics are saved in freely definable statistic pages. If necessary, several statistics can be grouped in statistic pages based on similarities.

Various types of diagrams are available for displaying statistics (line, column, pie and spreadsheet). Statistics can be adjusted later at any time and rearranged using drag & drop.



## Malfunction report - web portal stoerung24

By integrating the malfunction reporting portal stoerung24, you can offer citizens the simple and free service of reporting disorders around the clock. The malfunctions are then transferred directly to luxData.easy.

As an option, in addition to disorders for lighting points, those for other objects managed in luxData.easy can also be reported and imported (e.g. traffic signals, traffic signs, street furniture, playgrounds, etc.).



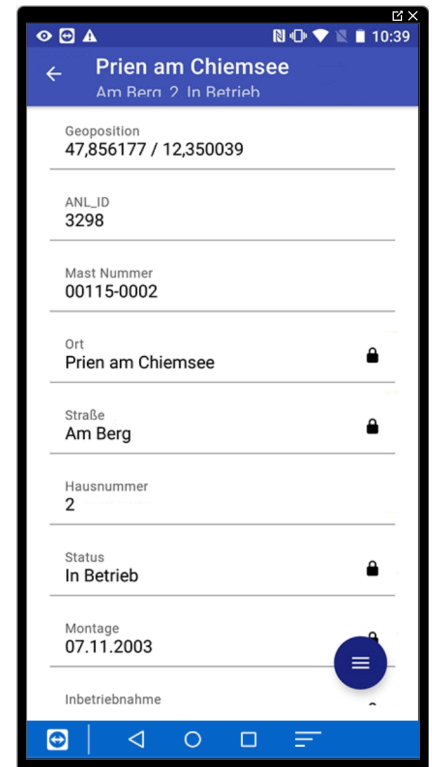
## Mobile data collection or correction on site

Do you want to include dates of an entire street or update the data of certain objects? With luxData.easyApp this is done very easily and quickly. Filters can operate the luxData.easyApp on mobile devices on site and include the data in detail. The data is then synchronized with luxData.easy and is therefore available to the back office.



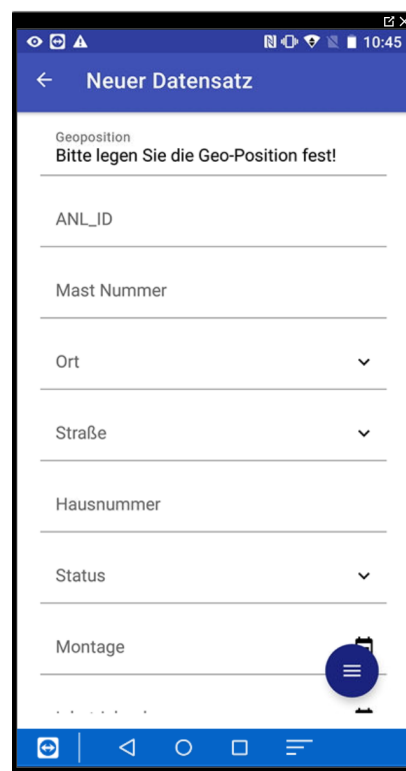
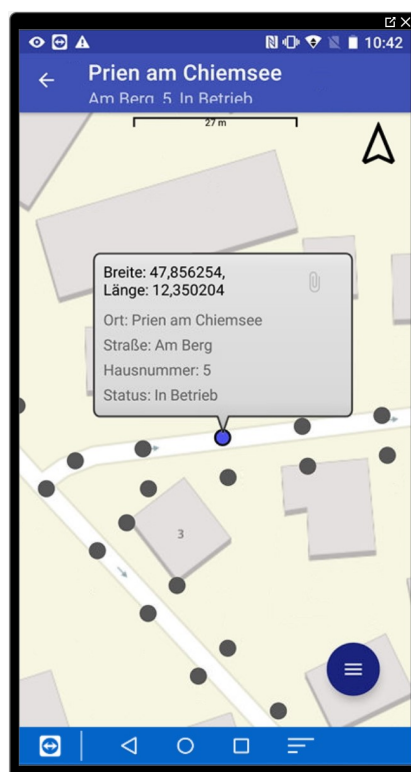
### Home screen

The captured data is listed here.



### Detailed view

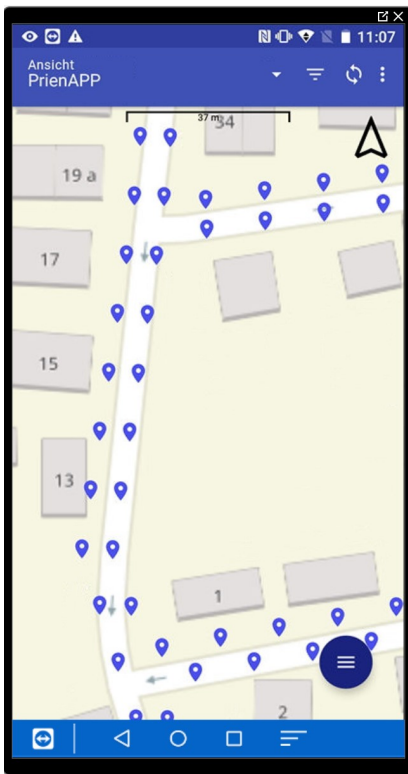
Newly captured or existing objects can be viewed at any time.



### Data collection

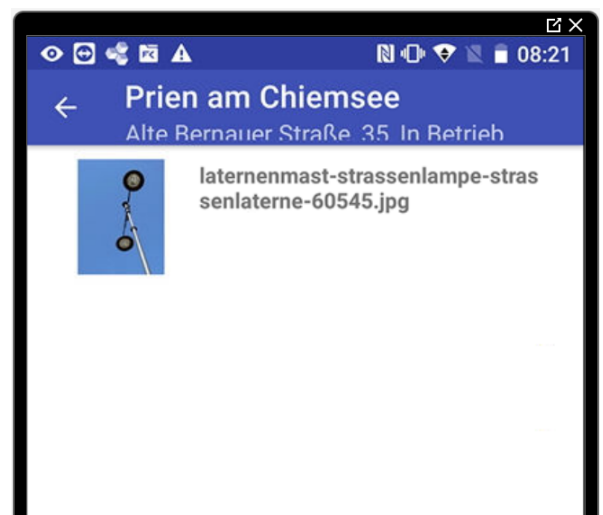
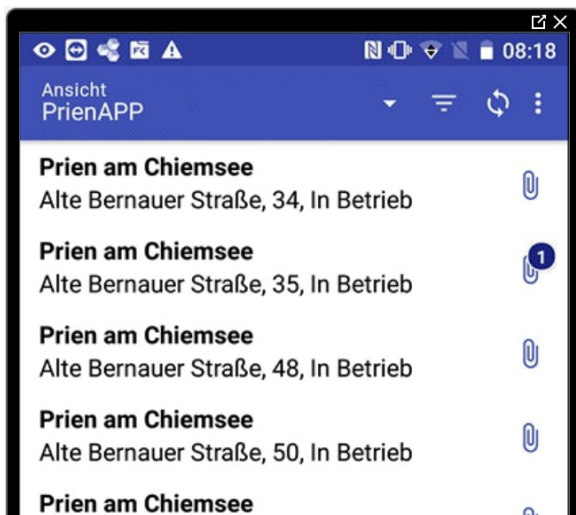
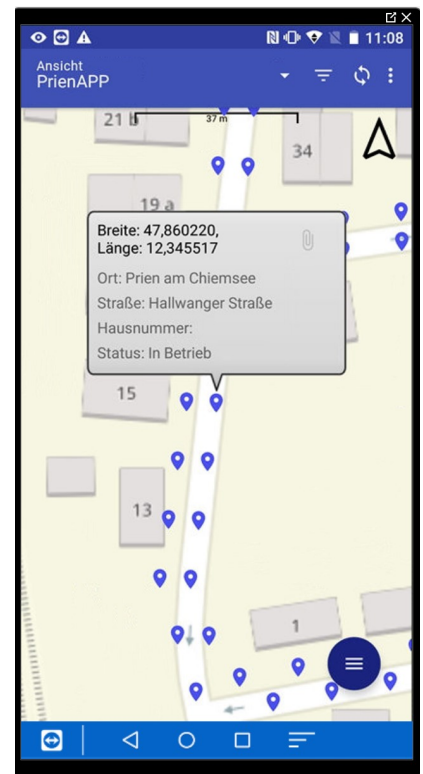
If you want to capture new data points on the go, this is possible with the App. The coordinates are determined via the GPS function of the smartphone. The position can also be adjusted manually.

## Mobile data collection or correction on site



### Map view

Objects that have already been captured are displayed on the map. If you tap on one of them, you get a configurable short info, which also allows you to view further data of the system or its already assigned documents.



### Documents

Images or PDF files can be assigned to each object.

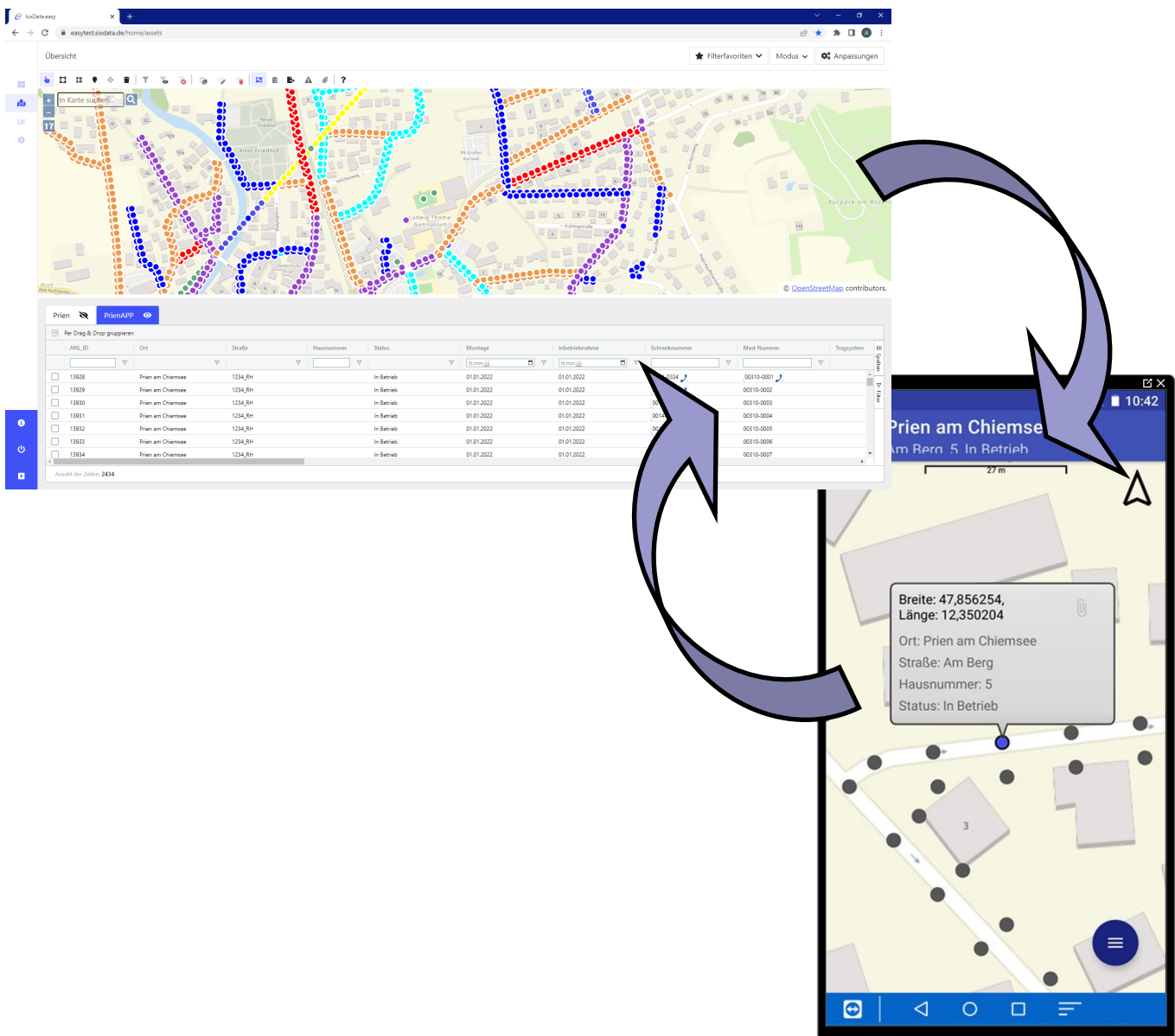
These files are also imported into luxData.easy and are also available there.

## Mobile data collection or correction on site

All data that can be viewed and edited in luxData.easyApp can be configured centrally in luxData.easy. This makes it possible to decide exactly which data table is to be seen in luxData.easyApp, which fields are read-only, which data can be changed, etc.

The luxData.easyApp is available free of charge from the GooglePlay store. But a license is required for communication between the app and the main application luxData.easy. A user is created in luxData.easy for each mobile device. The app is activated with the provided 8-digit PIN. From this point on, the app is connected to luxData.easy, receives the data provided and can also send data back.

## luxData.easy and luxData.easyApp - data management the easy way



## Process overview

