



luxData.easy

luxData.easyApp

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

The screenshot displays the luxData.easy web application. The interface includes a sidebar menu on the left with options like 'Start', 'Übersicht', 'Statistik', and 'Einstellungen'. The main area shows a map with various colored data points (blue, orange, red, green, purple) representing different objects. Below the map is a table with columns for 'ANL_ID', 'Ort', 'Straße', 'Hausnummer', 'Status', 'Montage', and 'Inbetriebnahme'. The table lists several entries, with the first one highlighted. A right-hand panel titled 'Anpassungen' (Adjustments) contains dropdown menus for 'Ebenen', 'Form', 'Klassifizierung', 'Label', 'Cluster', and 'PDF-Export'. The bottom status bar shows the email 'meyer@sixdata.de' and the total number of records 'Anzahl der Zeilen: 2434'.

| ANL_ID | Ort | Straße | Hausnummer | Status | Montage | Inbetriebnahme |
|--------|-------------------|-----------------|------------|------------|------------|----------------|
| 13877 | Prien am Chiemsee | Monstergasse | | In Betrieb | 16.07.2020 | 16.07.2020 |
| 13878 | Prien am Chiemsee | Monstergasse | | In Betrieb | 16.07.2020 | 16.07.2020 |
| 13879 | Prien am Chiemsee | Monstergasse | | In Betrieb | 16.07.2020 | 16.07.2020 |
| 13880 | Prien am Chiemsee | Monstergasse | | In Betrieb | 16.07.2020 | 16.07.2020 |
| 8500 | Prien am Chiemsee | Neugartenstraße | | In Betrieb | 18.09.2001 | 18.09.2001 |
| 8461 | Prien am Chiemsee | Neugartenstraße | | In Betrieb | 18.09.2001 | 18.09.2001 |

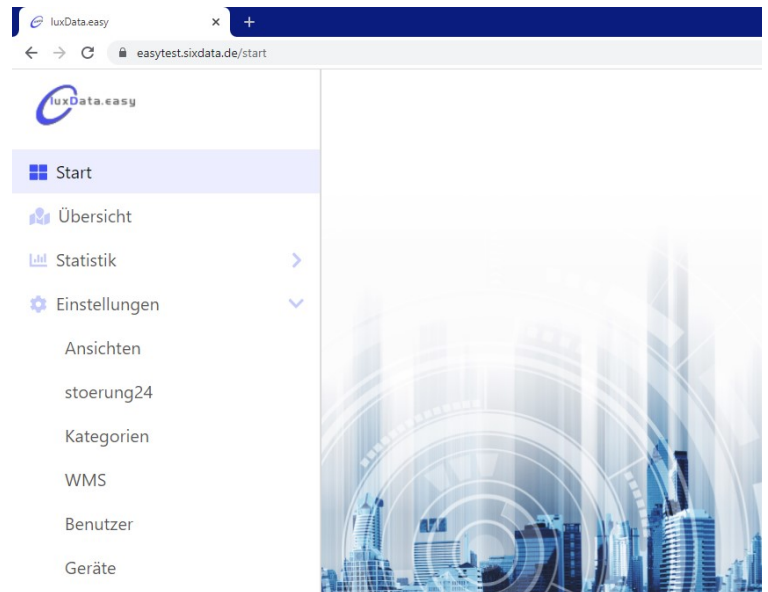
What is luxData.easy?

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 |

Card tools

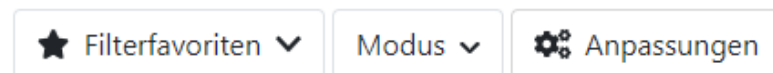


Several tools are provided to operate the map. If you click on the question mark icon, you will receive detailed explanations of the individual tools.

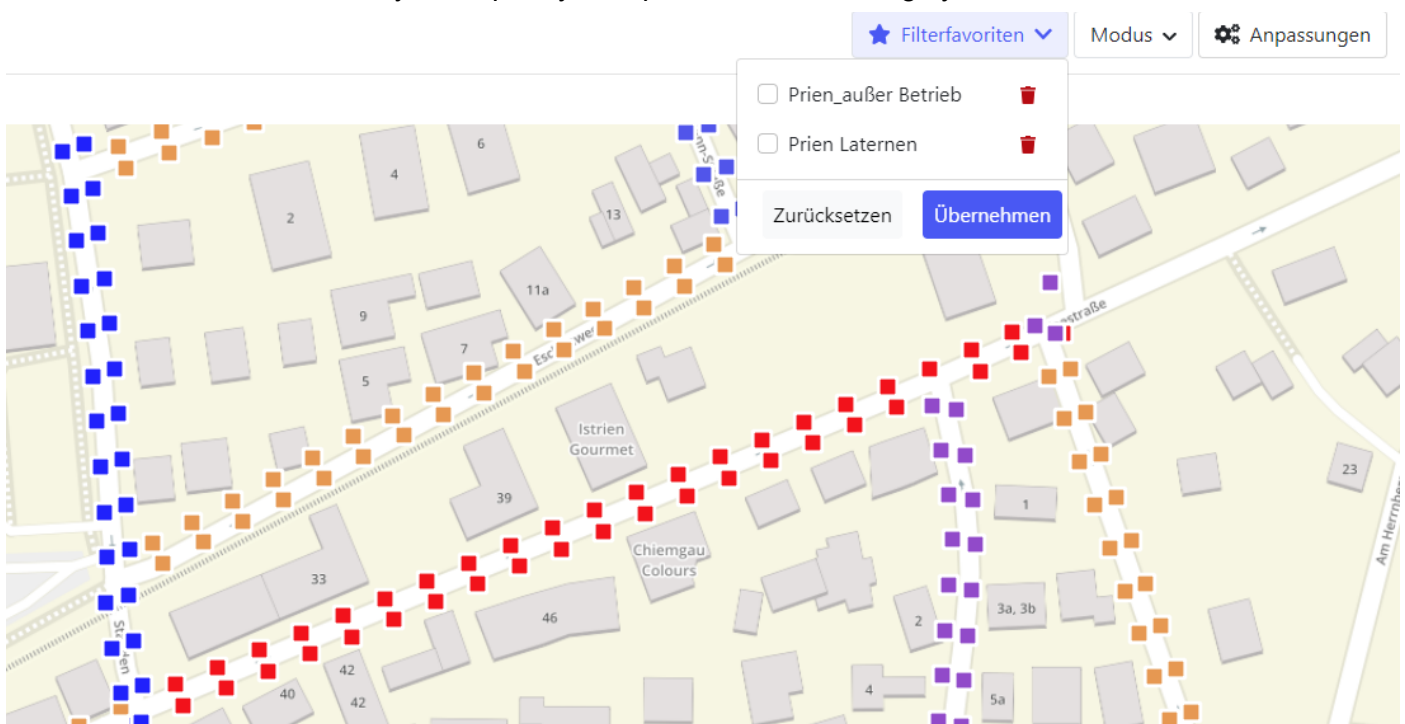
| | | | | | |
|--|--|--|----------------------------|--|--------------------------------|
| | Single selection | | Filter selection | | Activate clustering |
| | Rectangle selection | | Hide unfiltered objects | | Open selection list |
| | Polygon selection | | Reset filter | | Export all data |
| | 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.



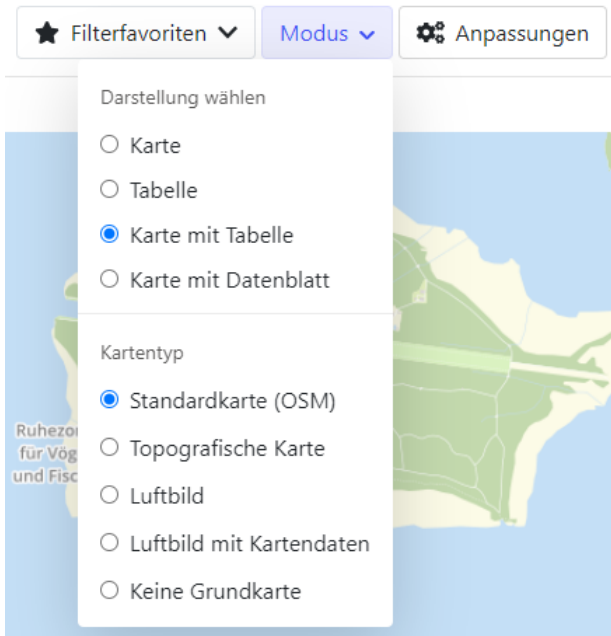
The *filter favorites* tab allows you to quickly accept or reset the settings you have set.



Change display - card functions



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

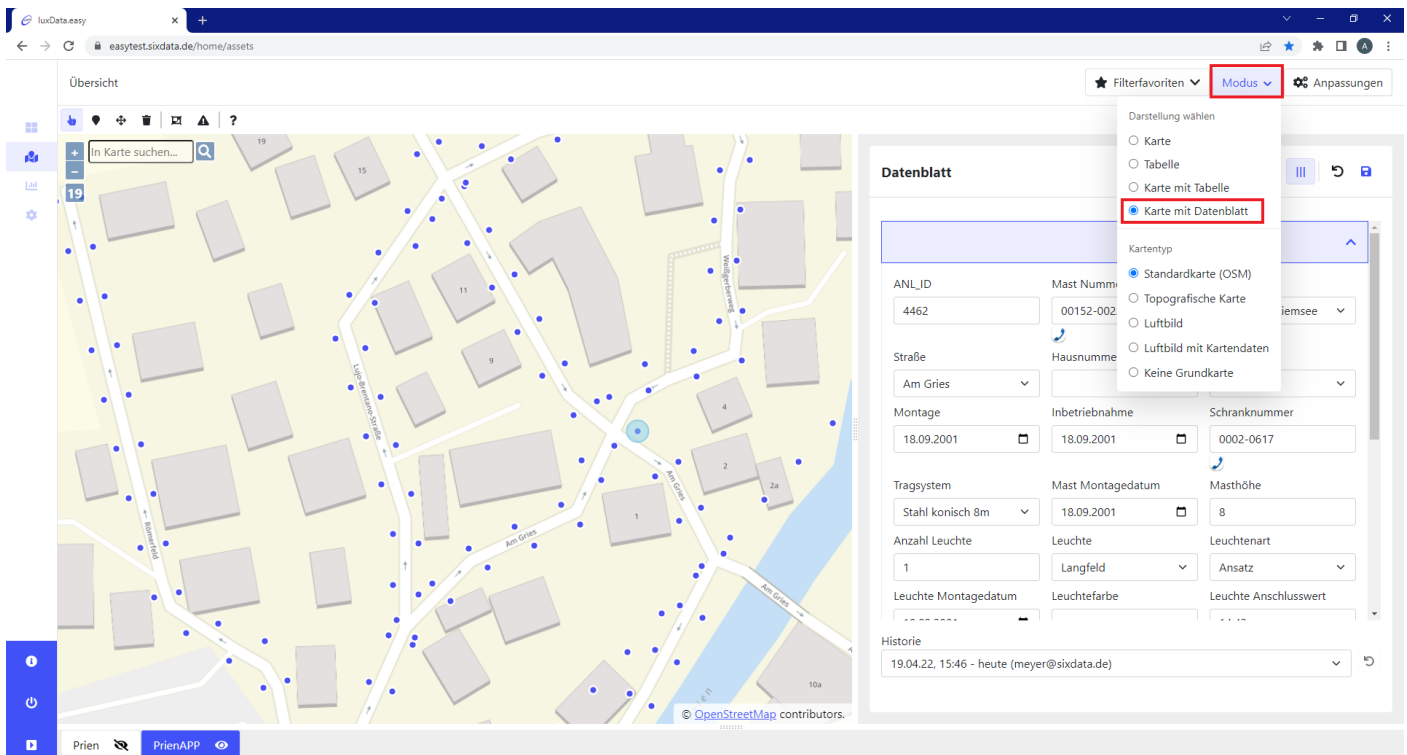


Here you can specify whether only the map or only the table should be displayed, or a combination of both. Also, in addition to the map, the data sheet with all the details about the selected object can be displayed.

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.

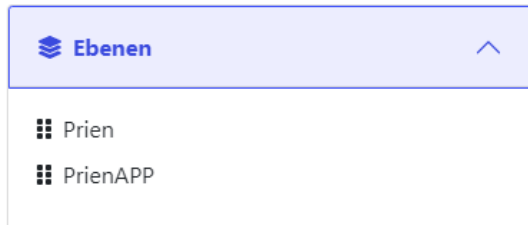
Change display - data sheet

With the *card 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.

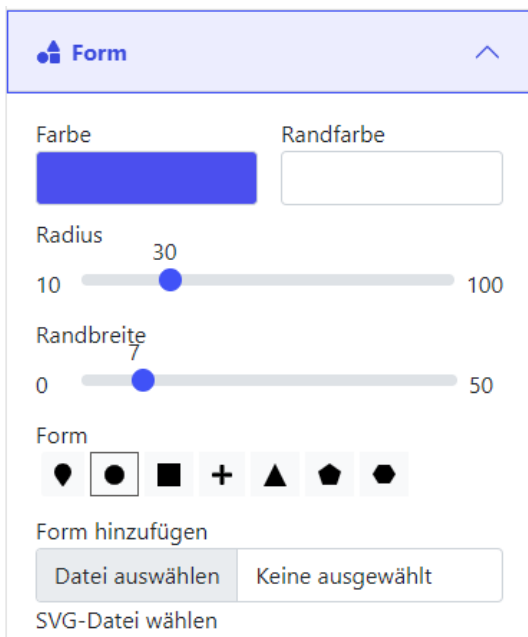
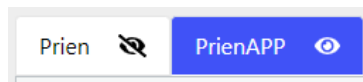


Change display - objects

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



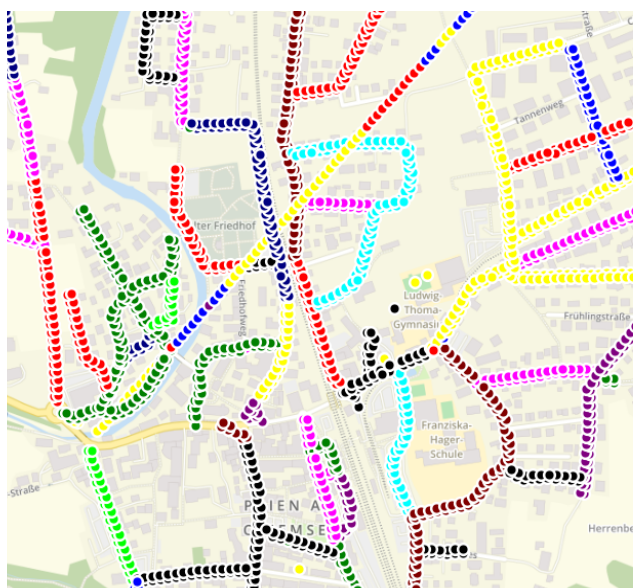
Listing of the different existing levels. These can be made visible and invisible and can be superimposed.



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

Schriftgröße

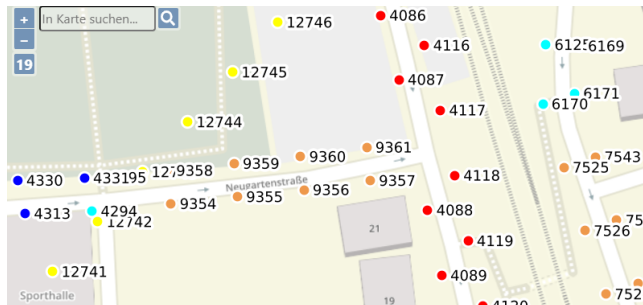
Farbe

Umrandung

Versatz X

Versatz Y

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)

Zoomstufen bei Klick auf Cluster

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

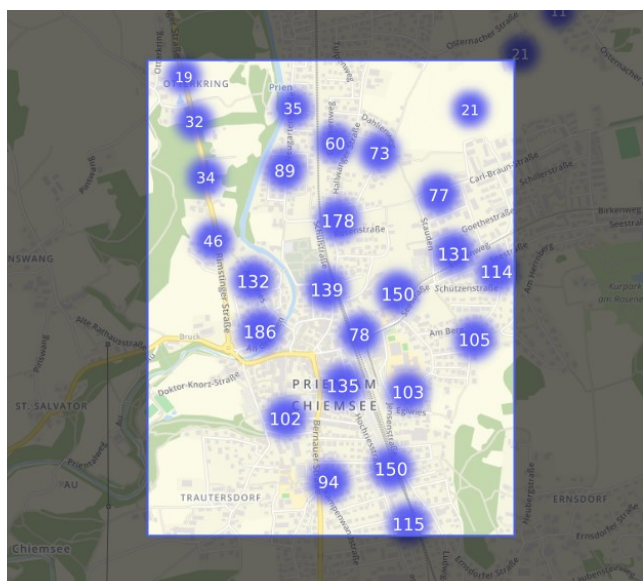
Vorlage

Maßstab

Titel

Bemerkung

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



The screenshot shows the Prien APP interface. At the top is a map of a residential area with blue location pins. Two red arrows originate from the table below: one points to a specific pin on the map, and the other points to a blue circular marker on the same street. The table lists data for 'Prien am Chiemsee' with columns for ANL_ID, Mast Nummer, Ort, Straße, Hausnummer, Status, Montage, and Inbetriebnahme. Two rows are highlighted in blue, corresponding to the red arrows.

| | 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

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.

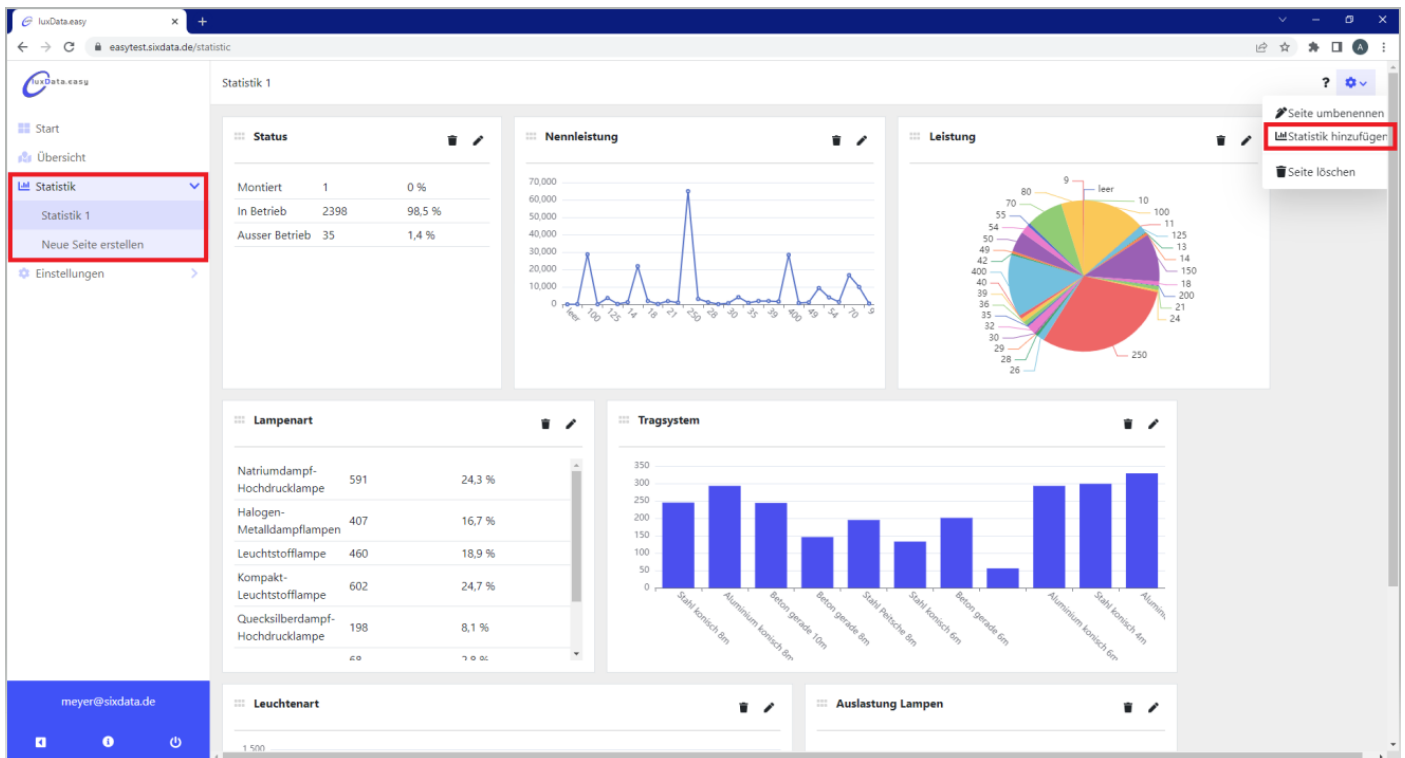
| Strasse | Strasse | Ort |
|---------|---------|-----|
| Nummer | | |

| 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.).



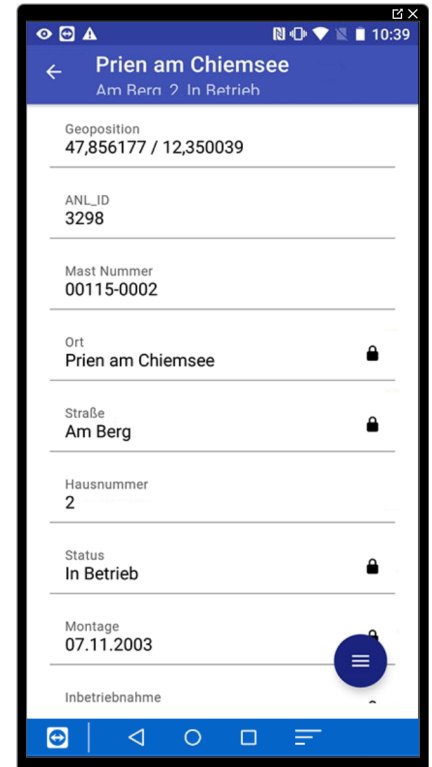
Mobile data collection or correction on site

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.



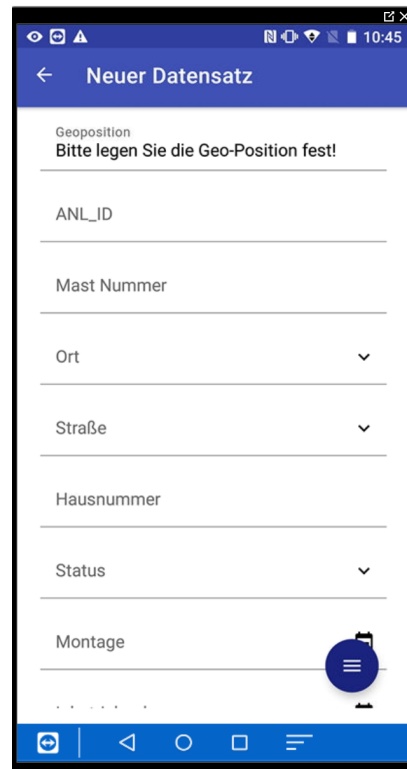
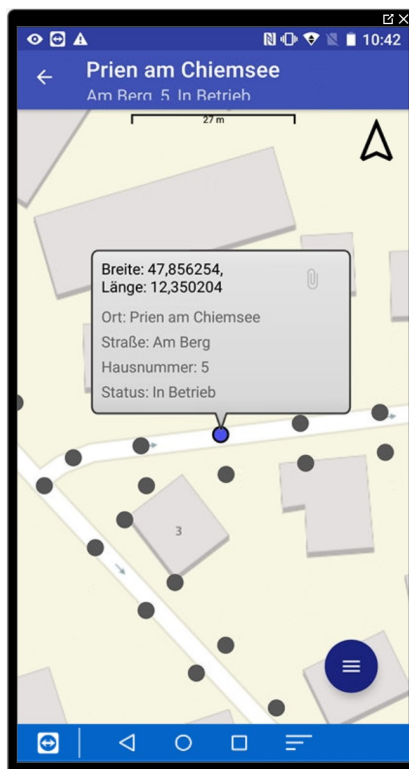
Home screen

The captured data is listed here.



Detailed view

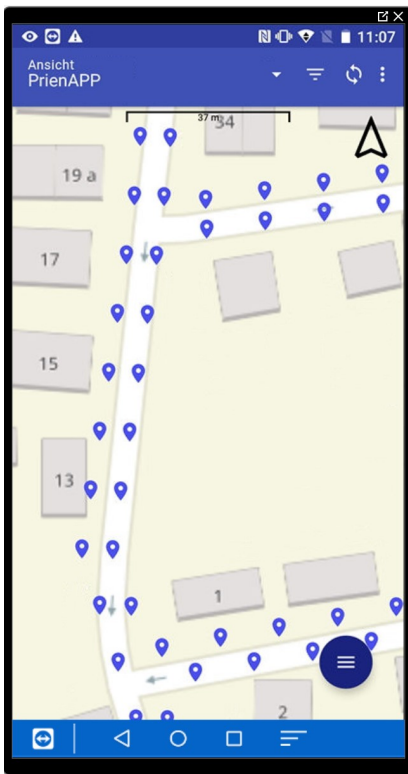
Newly captured or existing objects can be viewed at any time.



Data collection

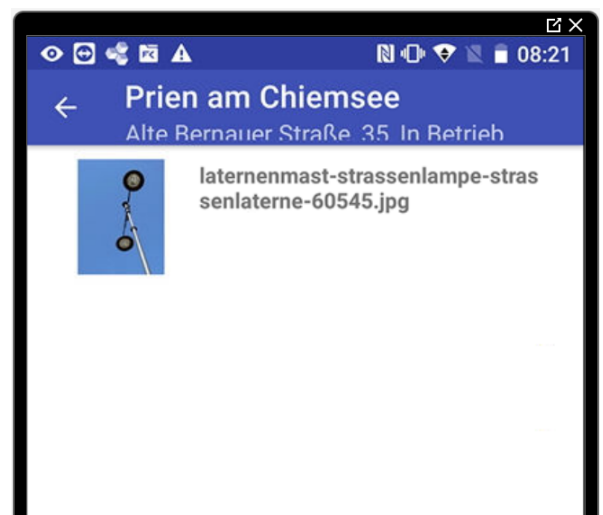
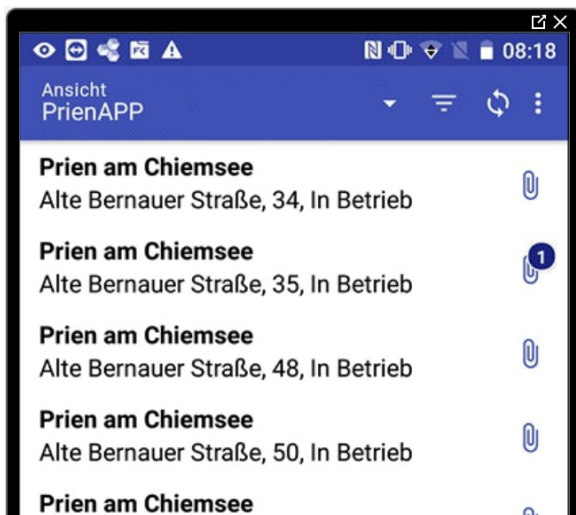
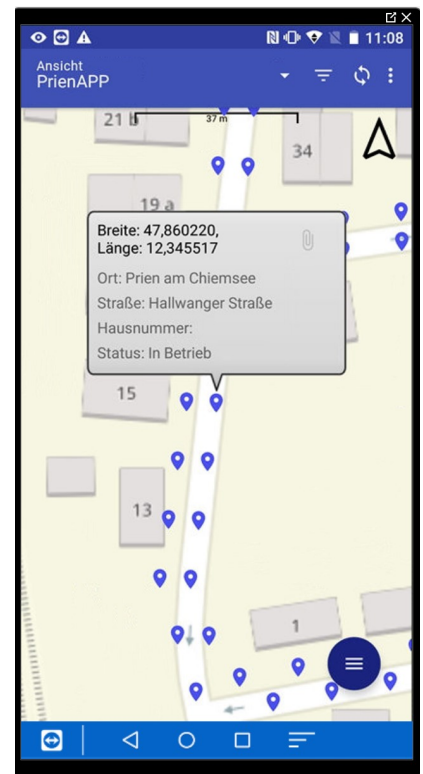
If you want to capture new data points on the go, this is possible with the App. The coordinates are determined via the GPS function of the smartphone. The position can also be adjusted manually.

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.

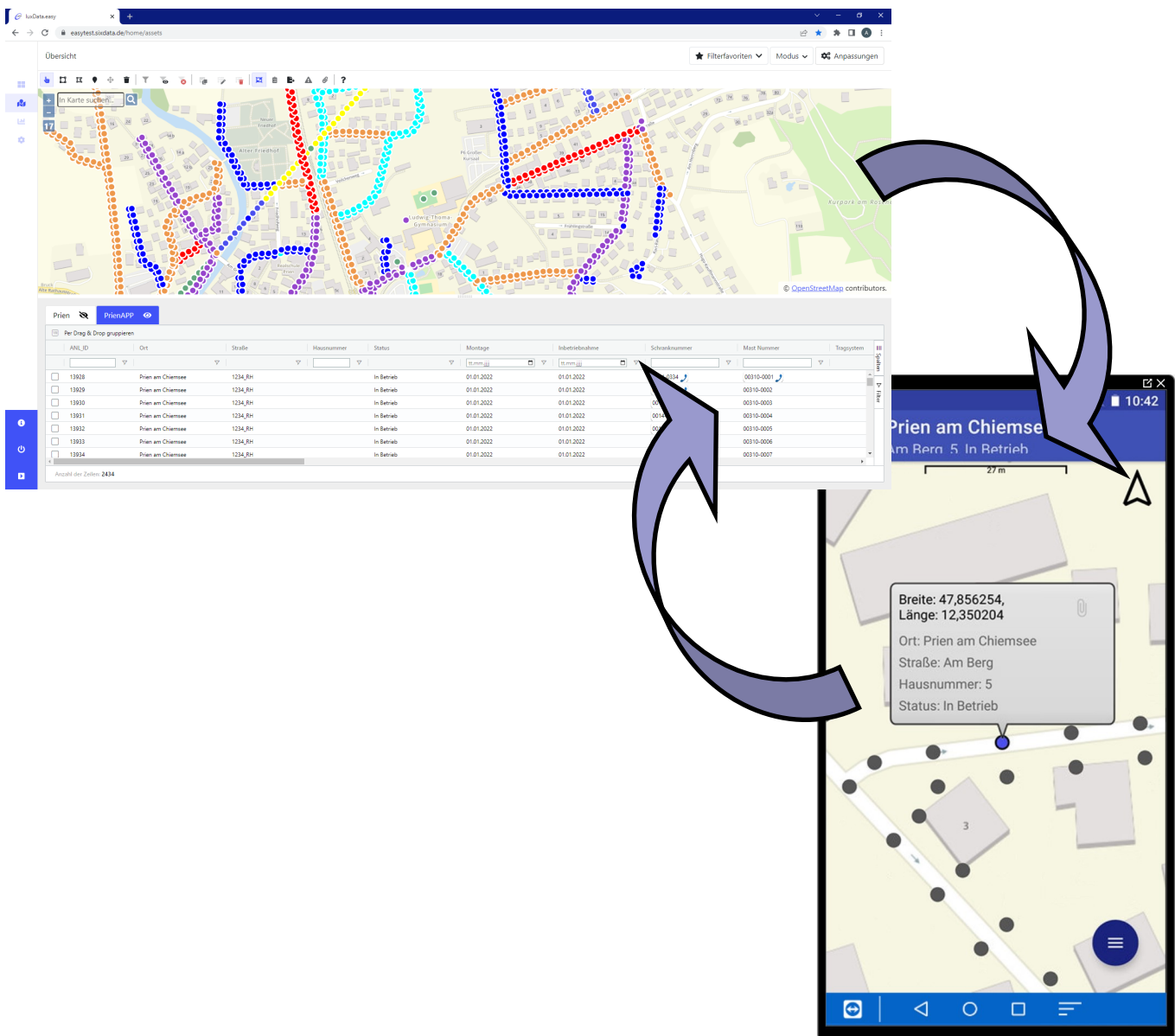
These files are also imported into luxData.easy and are also available there.

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

