

# esyloq™

the key to **better** waste management

**MOLOK®**



esyloq

Developed by

**STRØMBERG®**

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Esyloq™ is an electronic access control system developed for Molok containers. The lock is designed, developed and assembled in Norway. A combination of modern technology with practical functionality to accelerate the modernization of waste management.

## Designed for Molok semi underground models

The esyloq™ is a lock designed to fit on all Molok containers in the Classic and Domino series. The hardware is easily installed and can be mounted on the container when ordering a new Molok container or it can be installed at site on both new or old Molok containers (requires the new 2G Lid).

## Using esyloq™ only as a lock

After installing the lock you can decide if the lock should use the full potential with the cloud service or only use the lock as a access controll.

If choosing to install the esyloq only as a lock, you can always connect to the cloud service later.

## Features

### Access:

- Keyfob, NFC and APP
- Week schedule
- Real-time remote control
- Fill level – Counting or sensor

### Data:

- Open API
- Reports
- Status
- OTA update



### Benefits of the cloud service

When connecting to the cloud service you get the benefits of receiving data which can be used to get a full overview of the status and user behavior of each individual container.

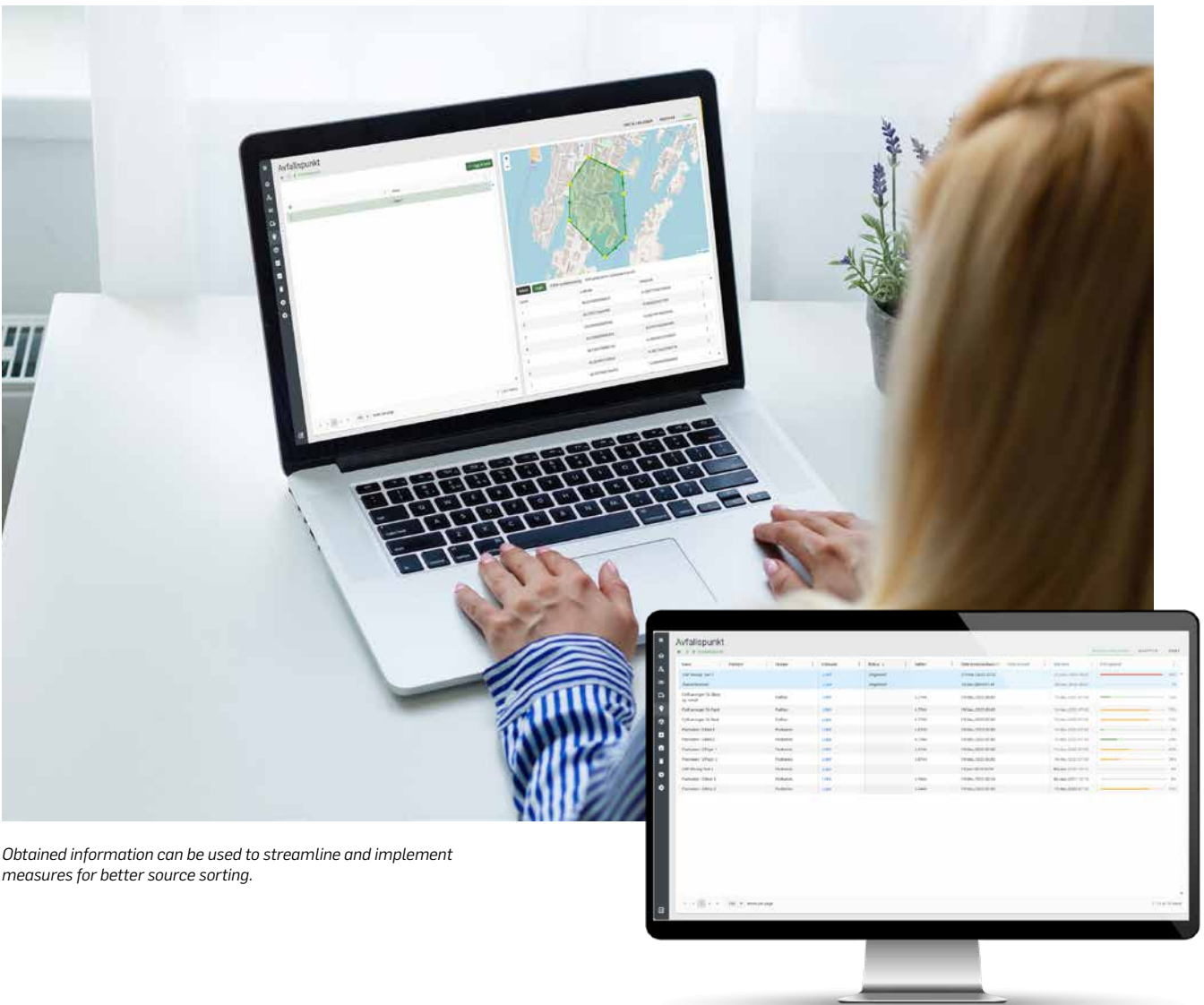
The sensors on the lock will provide continuous feedback and information on all events such as malfunctions and opening rate.

### Designed to be service friendly

LTE-M connectivity, keeps the device connected to the best available network at all times.

OTA firmware updates make sure the esyloq™ is always up-to-date on the latest functions that are available. So no need for manual updates.

The open API-platform allows you to integrate the esyloq™ cloud solution to an existing waste control system.



Obtained information can be used to streamline and implement measures for better source sorting.

Illustrative images, delivered product may differ

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## Better control and security

esyloq™ allows automatic setup of user access based on the property register (Norway).

The authorization takes place through the resident's bank ID (Norway).

## Better efficiency and financial management

A lot of work can be made more efficient since information is obtained from real estate register and that the user himself controls access.

Through data acquisition one can implement measures for better source sorting and collecting waste.

## Better user experience

esyloq™ is unlocked with an NFC chip in the phone, with APP or your own RFID tag.

The user can manage the associated access themselves to the subscription through their own user.

## Better data acquisition

With esyloq™, the data acquisition is in real time which provides fast information flow.

The data collection can retrieve information about behavior both in an area and with a user.

## Better sorting

Obtained information can be used for to provide feedback to users or to manage differentiated waste charge by Pay As You Throw (PAYT).

### TECHNICAL INFO

Model:	esyloq
External measurements:	74 x 92 x 100 mm
IP rating:	IP67
Power supply:	7,2V Lithium Battery, 7 years*
Communication:	4G, LTE-M
Temperature range:	-30°C - +65°C
ID-technology:	MIFARE ISO 14443A, NFC, APP

\* Based on 20 deposits and 1 communication per day.



esyloq is developed by:

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