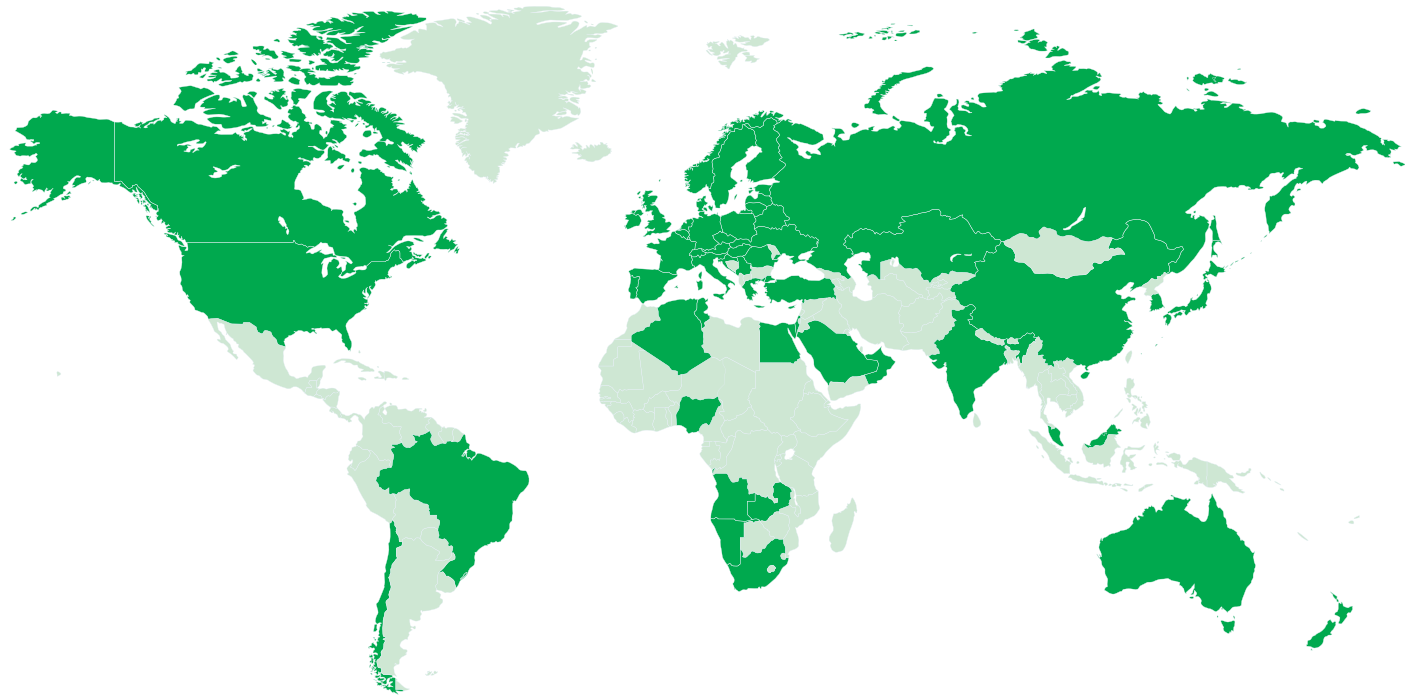


Molok®
worldwide

140 000+ containers
40+ countries



ORIGINAL

MOLOK®

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ORIGINAL

MOLOK®

Access Control makes Molok® even smarter



Enables
**comprehensive
operational
management**
of the waste
containers

User
identification
and **use with
a tag or
smart card**

Molok[®] Access Control enables comprehensive operational management of waste containers. The user identification and opening takes place with a tag or smart card.



User advantages:

- Easy to use with tag or smart card
- Deactivating a lost key

Waste management advantages:

- Effective waste volume control & fraction control
 - You will know the waste volume, particularly if you have a drum lid where one filling is limited to the size of the drum cylinder
 - You can minimize mixed waste volume when invoicing is initiated. Invoicing can be set up with a local software provider.
- Added monitoring & operational control
 - Versatile possibilities to collect operational data and control the opening and closing of the containers

eGate collects various data like amount of openings and identification of users.



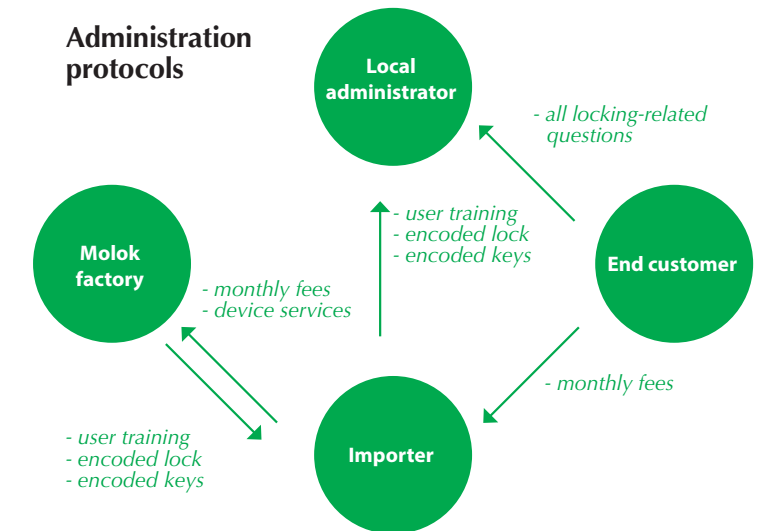
Versatile operational management

- Enables comprehensive operational management of the waste containers
- User identification and opening is carried out with a tag or smart card
- The eGate internet portal collects various data, such as the number of openings, identification of users and emptying times (manual reset when emptying)
- The operator can load personalised key user lists to the eGate portal
- Data traffic between the operator's own system and eGate portal can be arranged by means of customised programming work
- Remote locking of selected containers on an hourly/daily schedule
- By controlling the mixed waste volumes, you can increase the collection of valuable recyclable packaging materials

Function descriptions

- The AC unit in the waste container includes GSM. Data transmission intervals can be freely selected, the minimum being every 1 minute.
- The SIM card works on all operator networks
- Waste container location data will be set by the operator
- Alert of an accidentally open filling lid is sent via email to the operator
- Led signals make it easy to find and open the filling lid, even in the dark
- Battery
- Battery lifetime depends on the climate & interval of openings & data transfer. In Scandinavian weather conditions, and with approx. 30 openings per day, the battery lifetime is approx. 2-3 years
- Alert of low battery voltage is sent via email to the operator
- In case the battery power runs out before the replacement, the filling lid stays open

Administration protocols



Proven durability

- The device can withstand forces of up to 12G without breaking
- Maximum blocking force 700N
- Operating temperature -20°C...+60°C. The temperature inside the container differs considerably with outside temperatures and is rarely below -15°C.
- The device can withstand water sprays in accordance with standard DIN EN 60529
- The penetration of water in to the internal parts of the mechanical lock does not affect the operation of the device
- The electronics housing has at least IP67 classification
- All components are made of stainless materials (metal or plastic)
- DIN 50021 salt spray test has been completed
- Operation test of 100,000 uses has been completed

Applicability

- Can be installed to MolokDomino and MolokClassic containers, including the new Classic DrumLid 2G
- In the DrumLid, there is a separate service hatch as standard to facilitate battery replacement



Molok Acces Control can be installed to Molok-Domino and MolokClassic containers, including the new Classic DrumLid 2G.