MooMe

By Africans
For Africans.

MILK COLLECTING CENTERS SOLUTION (MCC'S)

ALERTS

FARMERS

MILK COLLECT CENTERS

WELL BEING

We bridge data gaps in dairy ecosystems

Improving milk reception and storage conditions is at the core of our expertise.
The role of our technology is to prolong the life of the milk and preserve its quality, by ensuring the detection of any deficiency during the cooling processes and the cleaning of milk tanks.
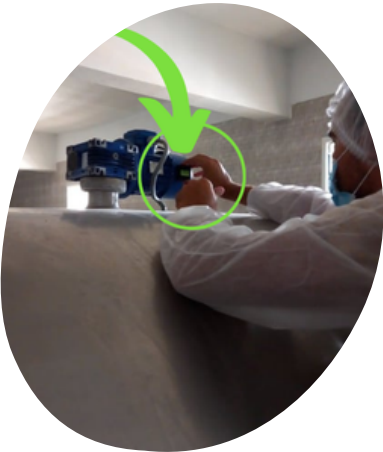
MooMe MCC Features

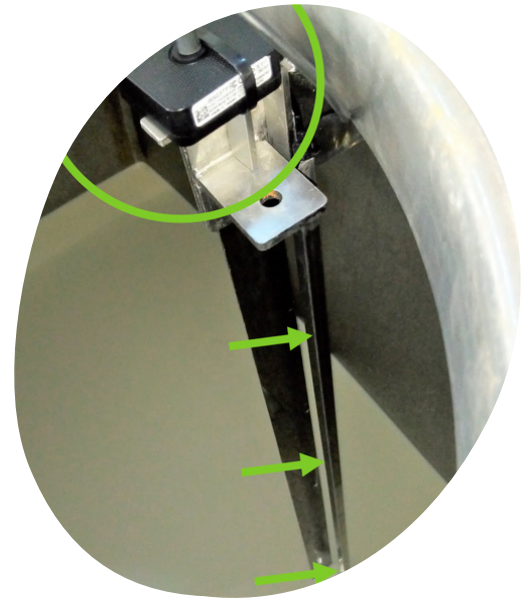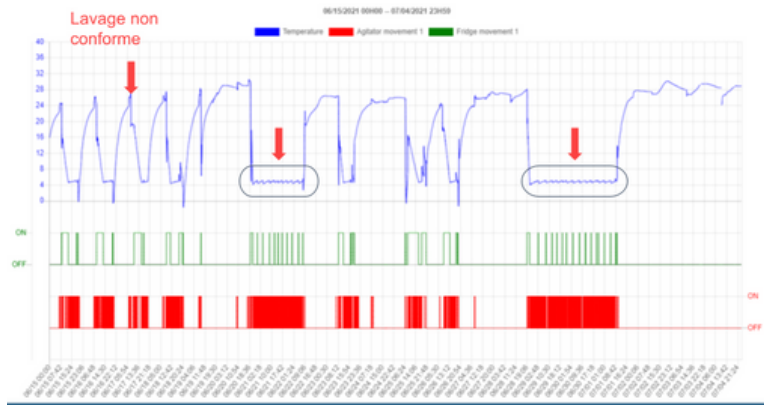| Services	Support	Packs		
		Maintenance	Quality	Quality+
Cooling problem Ventilator N°1 to 4	App. Mobile + Web + SMS* (*On Request)	✓	✓	✓
Agitation problem N°1 to 3		✓	✓	✓
Electrical power network problem (Phase drop)		✓	✓	✓
Cooling problem			✓	✓
Overcooling problem			✓	✓
Cleaning compliance: absence or insufficient T°.			✓	
Absence of cleaning				✓
Non-compliant cleaning temperature				✓
Cleaning pump problem				✓
Milk Volume (0%, 50%, 100%) (Beta)	App. Mobile + Web			✓
Milk Reception / Tank Filling (Beta)				✓
Milk sending / Tank unloading (Beta)				✓
Dashboard and Reporting multi Tank			✓	✓
Internet connection / equipment problems	All	✓	✓	✓

Management of the collection at the Peddler level:

Services	Support
Monitoring of milk temperature	App. Mobile + Web + SMS* (*On Request)
Follow-up of the reception and unloading of milk	
Follow-up of cleaning operations	
Milk Volume (0%, 50%, 100%) (Beta)	

MooMe MCC Solution

Sensor Tracking The agitation

Temperature probe

Sensor tracking the compressor

Milk
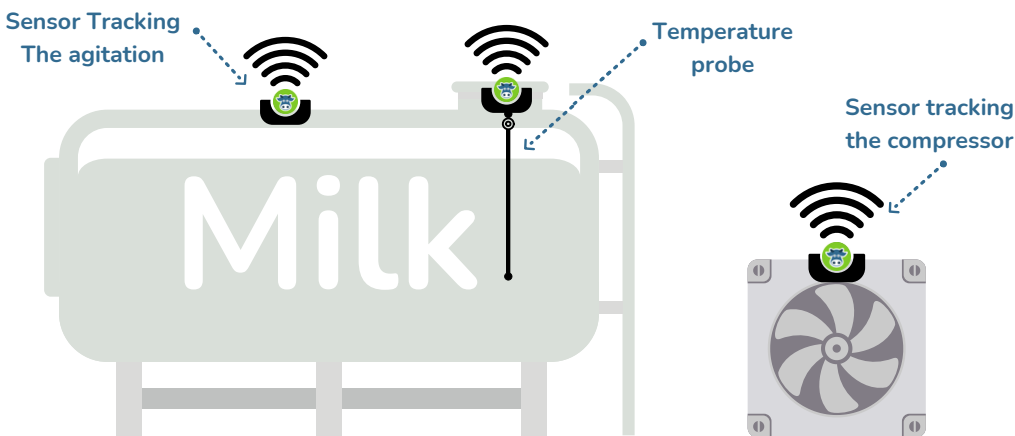
Example1: Detection of a non-compliant wash

The monitoring of the evolution of the water temperature of the washing process made the detection of the non-conformity of the operation possible on a real-time basis.

Example2: Case of energy waste

Diligent monitoring of the compressor activity led to the detection of a waste of energy: The compressor was on for a long period of time when it was supposed to be off.

How does it work?

Number of tanks/centers
(Real time monitoring of the status of each tank)

Summary report on the conditions of reception, storage, washing...

Real Time Compressor Operation

Temperature in the tank in real time

Operation of the agitator in real time

N.B: The mobile application is available on Playstore and AppGallery

Technical features of the probe

Battery life	3.2 years of autonomy (ADV interval of 30s)
Battery	CR2450 x 1
Operating temperature	-50°C à 150°C
Waterproofing	IP67
Bluetooth®	Low Energy Bluetooth 5 (BLE5)
BLE range	100M

Technical features of the milk volume sensor

Battery life	1.8~2.8 years of autonomy (ADV interval of 60s)
Battery	CR2450 x 1
Operating temperature	-20°C to 75°C
Waterproofing	IP67
Bluetooth®	Low Energy Bluetooth 5 (BLE5)
BLE range	100M
Distance measurement	10cm ~300cm

Technical features of the Milk Tank / Compressor sensor

Battery life	1 year of autonomy (ADV interval of 5s)
Battery	CR2450 x 1
Operating temperature	-20°C to 75°C
Waterproofing	IP67
Bluetooth®	Low Energy Bluetooth 5 (BLE5)
BLE range	100M

Technical features of the MCC's data acquisition system

WIFI (Support for 802.11b/g/n).

Humidity	Humidity Max 95%, non-condensing, relative humidity
Operating temperature	-20°C to 60°C
Waterproofing	IP67
Bluetooth®	Bluetooth support Low Energy (long range mode)
Capacity	Can read up to 200 BLE devices at the same time
Coverage radius	200 M

MooMe

شُكْرًا

Thank you

Tel. +216 31 40 73 55
Web. moome.io
FB. facebook.com/moome.tn

MooMe is developed by lifeye.io

Mail. hello@moome.io