

WASTE MANAGEMENT – NOW MORE EFFICIENT AND CONNECTED THAN EVER BEFORE



LOWER EXPENSES AND MORE BENEFITS FOR YOUR COMMUNITY

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HOW WOULD YOU LIKE TO IMPROVE YOUR DISPOSAL MANAGEMENT?
MOBA SUPPORTS YOU IN ALL APPLICATIONS



DISPOSAL OF MUNICIPAL AND COMMERCIAL WASTE: PAY AS YOU THROW (PAYT)

The separation of municipal and industrial waste requires better control of commercial waste generation. MOBA's systems are certified to ensure data reliability and cost transparency.



SELECTIVE DISPOSAL

Using our solutions, a technician analyses the provided information to ensure the reliability of the data and makes suggestions to optimise selective disposal.



HOUSEHOLD WASTE DISPOSAL

MOBA solutions, with their fill level sensors and robust, certified RFID identification and weighing systems, guarantee optimised disposal of household waste.



DISPOSAL OF MUNICIPAL WASTE

MOBA solutions enable fair distribution of the costs resulting from the services required and the amount of waste produced by the different members of a community.



STREET CLEANING

Street cleaning has become one of the services with the greatest influence on the way residents perceive the urban landscape. MOBA solutions enable appropriate service planning and strict quality control.



INDUSTRIAL WASTE DISPOSAL

Thanks to MOBA solutions, it is now possible to control the generation of waste by the industry and large shopping centres. In this case, waste generation can be allocated to each operator individually and separation can be optimised.

ON THE WAY TO SMART CITIES

MOBA is developing a wide range of products and technology services which, together with products from our partners, form a network for data collection and management in smart cities – the cities of the future.

With these elements, cities have access to a new form of intelligence that links the various systems more efficiently and improves the user experience of urban space, thus enabling the optimised use of resources.

MAWIS PLATFORM

THE COMPLETE SOLUTION FOR WASTE MANAGEMENT

The MAWIS platform connects the waste disposal management software **MAWIS U2** to the MOBA electronics installed on the vehicle, as well as with other services.

MAWIS can easily be connected to resident portals to keep community residents informed about the service and motivate them to separate more waste. In addition, this possibility offers more cost transparency and a better insight into disposal conditions.

This complete web solution contributes to improved waste disposal management and cost reduction in waste management, optimising the use of resources and processes. It also makes it possible to use systems for continuous improvement and for billing according to the pay-as-you-throw principle (PAYT).

INTEGRATED TECHNOLOGY TOOLS

MAWIS U2
SOFTWARE

**ON-BOARD
EQUIPMENT**
RFID, GPS, WEIGHING
SYSTEM AND ON-
BOARD COMPUTER
OPERAND

SENSORS
FLS-100 SENSORS

APPS
MAWIS POCKET
APPS

MAWIS U2: THE REFERENCE SOFTWARE FOR WASTE MANAGEMENT AND ENVIRONMENTAL COMPANIES

MAWIS U2 is a powerful piece of software that serves as a waste disposal management platform. Thanks to its modular structure which allows easy upgrades, it adapts very flexibly to the requirements of each individual customer. The SaaS (Software as a Service) solution can be easily accessed via a web browser.



MANAGEMENT
Resource and equipment
management



PLANNING
Routes, shifts and
maintenance



OPTIMISATION
Efficient routes, filling level
monitoring, driver guidance



TRACKING
Traceability of all activities
(GPS and RFID)



INCIDENTS
Shortened response times



INTEGRATION
Easy linking to external
systems

ADVANCED TECHNOLOGY FOR YOUR COMMUNITY

EFFICIENCY AND RELIABILITY SINCE 1993

RFID IDENTIFICATION OF CONTAINERS

MOBA's RFID system for automatic container identification is successfully used in over 8 million containers in Europe. Its reliability and robustness guarantee an average identification success of 99.9%.

FILLING LEVEL SENSORS

These special MOBA sensors monitor the filling level of the waste bins and provide information to optimise routes in real time. They also generate reports that can be used to trace residents' habits.

MOBILE WEIGHING SYSTEM M-SCALE

The modular concept of MOBA's M-Scale system makes it easy to use on any vehicle, turning the vehicle into a mobile scale. This saves time and money. In addition, more transparency is ensured since the loading and unloading processes are documented immediately.

OPERAND ON-BOARD COMPUTER

The powerful Operand on-board computer provides waste management vehicles with an open, modular and fully expandable platform for data collection and processing. This enables significant savings in administrative costs.

APPS FOR SMARTPHONES

MOBA's mobile apps simplify daily handling in waste management. These solutions can be customised for both residents (incident alerts) and service providers (inventory and maintenance of city containers).



MAWIS Waste Disposal			
Company A	Walter Way 180	0/1	24
Fayetteville			
Company B	Walter Way 199	0/1	272ft
Fayetteville			
Company C	Walter Way 165	0/1	97ft
Fayetteville			
Company D	Walter Way 145	0/1	754ft
Fayetteville			
Company E	Walter Way 125	0/1	966ft
Fayetteville			
Company F			

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INTELLIGENT WASTE MANAGEMENT

ALL THE EXPERIENCE AND TECHNOLOGIES OF MOBA
ARE AT YOUR DISPOSAL

MOBA's complete waste management solution offers your community additional benefits:

- » Improved service quality for residents
- » More selective disposal
- » Simple implementation of pay-as-you-throw billing (PAYT)
- » Optimisation of waste disposal services
- » Lower administration costs
- » Immediate incident management
- » Reduced administrative effort
- » Improved container maintenance
- » Adaptation to EU waste policy



ONE GROUP - ONE RESPONSIBILITY



◆ HEADQUARTERS ● SUBSIDIARIES ● DEALER

MOBA GROUP

The **MOBA GROUP** is a leading global player in the world of mobile automation. Close collaborations between the headquarter in Limburg an der Lahn and subsidiaries all over Europe, Asia, North and South America create new perspectives for recent and future developments..

Superior technical know-how and more than 40 years of experience combined with an international dealer network guarantee a premium support – **worldwide. INSPIRING MOBILE AUTOMATION** - this is what the **MOBA GROUP** stands for since more than **40 years**.

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