

Waste Management & Recycling

Protect people and the environment with intelligent video technology, increase operational safety and prevent damage

Effective total solutions for all companies in waste management

- Landfills
- Waste Incineration
- Recycling & processing
- Recycling yards
- In-house recycling



Waste Management & Recycling

Waste Management companies take care of waste avoidance, recycling and disposal. Large areas, different materials, bulk materials, hazardous substances, and heavy machinery make the environment challenging and difficult to manage.

With MOBOTIX video technology, you can get a clear, simple and instant overview.



1 Comprehensive fire protection

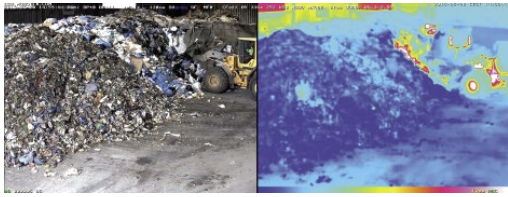
- Fires in stored material
- Fire in garbage trucks
- Overheating of machines
- Fires caused by hazardous waste, such as batteries

2 Perimeter and occupational safety

- Burglary and theft protection
- Promote occupational safety, wear protective clothing

3 Process support

- Process optimization (such as monitoring container filling)
- Access control and documentation



Comprehensive fire protection

Large outdoor areas with containers and bulk materials or halls with high ceilings make fire protection difficult. The sophisticated MOBOTIX video technology **detects sources of fire** without contact by spotting critical temperature thresholds - often **before a fire even starts**. This means fires can be effectively fought or prevented before spreading. MOBOTIX leads where other fire detection systems, such as smoke extraction systems or linear heat detectors fail.

Certified MOBOTIX early fire detection

Many MOBOTIX solutions are officially certified as fully compliant with all fire regulations. Certifications include the European standard **EN 54-10** for flame detectors (Declaration of Performance) and **VdS** Schadenverhütung GmbH, Europe's largest institute for corporate security. The suitability of the MOBOTIX systems has been proven through specified, intensive tests.



Terrain and occupational safety

Due to the large quantities of materials stored in recycling plants, they are frequently subject to break-ins. MOBOTIX video systems provide **perimeter protection** to help detect intruders - day and night and in all weathers. MOBOTIX can also help with **occupational safety**. For example, the cameras can identify work clothes, such as helmets or hi-vis jackets, and automatically issue appropriate notifications if they are not worn.

Process Support

MOBOTIX video technology help improve processes making them and operations more efficient. For example, **filling levels** of pits or containers can be **automatically detected** using intelligent video analysis. This removes the need for costly and slow manual inspection and provides valuable information for optimizing the site (e.g., if particular areas are not being fully utilized). **Access control** and the documentation of vehicles can also be simplified and optimized using **automatic character recognition**.



MOBOTIX Advantages

More safety - higher efficiency

- ✓ **Early detection** before fires start
- ✓ **Save money** and **increase yields** (process control support)
- ✓ **Safe operation** (protection, occupational safety and documentation)
- ✓ **Compatible** with existing systems (process control software)
- ✓ **24/7** - reliable monitoring (redundant and maintenance-free)
- ✓ **Modular** and easily **scalable**



MOBOTIX Video Systems - Robust & Reliable in Harsh Environments

Dust, dirt, weather influences and changing light conditions are the demanding environmental conditions in waste management. The housings of MOBOTIX video systems protect against moisture, corrosion and pollutants.

Highly sensitive optics, thermal sensors and intelligent apps **cope with even the most difficult optical conditions**. The **mean time before failure (MTBF)** of our cameras is **more than 9 years**. This saves maintenance costs and reduces expenditure on replacement equipment.

Intelligent Video Security Solutions Made in Germany

MOBOTIX is a holistic solution provider for all aspects of video-based security. We develop high-quality decentralized, energy-efficient systems that save our customers money.

Our motto **BeyondHumanVision** is also our mission: MOBOTIX strives to be the most reliable company that protects people and property through intelligent, cyber-secure video technologies, beyond human vision.

MOBOTIX video systems consist of robust, high-quality components – **Made in Germany** – assembled by hand and put through rigorous testing and evaluation at our production site in Langmeil.

You can rely on MOBOTIX!



Your contact:

Talk to us.
We are happy to help you.

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