

Distributed by:

Healthcare and Social Services

# Intelligent Healthcare Solutions

Highest Quality, Brilliant Image Technology and Intelligent Event Management makes MOBOTIX the First Choice in Healthcare and Social Services.



BeyondHumanVision

**MOBOTIX**

## Challenge

### Intelligent and Reliable Prevention

MOBOTIX can be used to effectively monitor anything from critical facilities such as laboratories, emergency rooms, psychiatric departments and other restricted areas to simple entrance, lobby, visitor and parking spaces. Typical scenarios are persons leaving a room or a bed during the night, how often lights are turned on as well as the control of heat and room temperature. Information from bio-medical sensors & devices can also be captured and displayed in real time to notify care providers. For example an integrated TELUS

broadband service or other internal facility infrastructures, can send alarm notifications via SMS, voice & video messages or simply triggering a beeper.

MOBOTIX intelligent video systems make it possible to **improve the overall safety and security** of healthcare and social service facilities and at the same time ensure high-quality patient monitoring to **increase the daily efficiency**.



## Intelligent IP Video Solutions

### Operational Benefits At A Glance

#### **Improve patient-centric approach to Healthcare:**

Efficient patient care monitoring using brilliant, high-resolution image sensors which give optimal overview and allow continuous interaction between patients and care providers.

#### **Enhance quality and support compliance requirements:**

The decentralized MOBOTIX architecture with built-in intelligence decrease reaction times and safeguards prompt, efficient care and high performance standards.

#### **Reduce emergency department length of stay:**

As one of the market leaders in intelligent IP video, MOBOTIX delivers solutions to enhance process efficiencies and patient throughput in the Emergency Departments. Our systems accelerate patient care decision-making by reducing the time needed to get vital information to clinicians.

#### **Helps reduce service costs:**

Automatic notifications using logical events triggered by analysis of movement, noise in the room or 3rd party sensors reduce time between medical interventions as in surgery or treatment facilities.

#### **Improve hospital efficiency:**

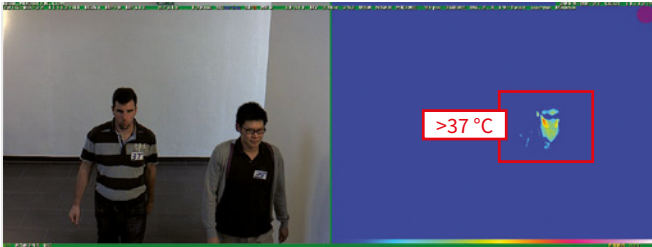
MOBOTIX works with all hospital departments and offer care providers greater control over patient management, patient safety protocols, staff shortages and employee conduct & training.

#### **Integrating MOBOTIX with your electronic systems:**

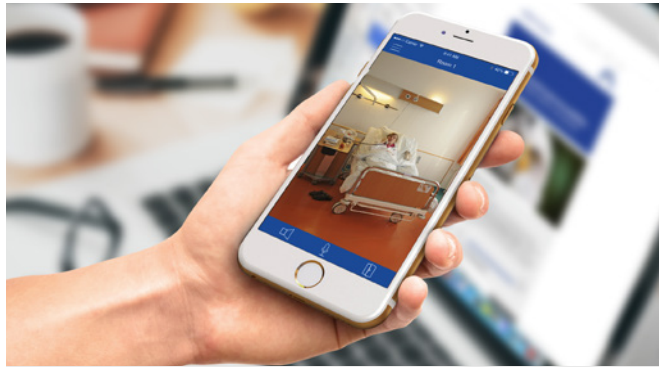
MOBOTIX systems can integrate audio video SIP with your Lab InformationSystem (LIS) and Electronic Medical Records (EMR).

#### **Highest Quality Made in Germany:**

Absolute low power consumption and the absence of any mechanical moving parts, make MOBOTIX the first choice, achieving an unrivaled level of product quality and reliability.



Skin Elevated Temperature Detection using a MOBOTIX dual optical-thermal camera system (S15/S16 or M15/M16-Thermal)



The MOBOTIX App for mobile clients is perfectly supported by the entire range of MOBOTIX cameras

**Future-proof monitoring software:**

Video management software MxManagementCenter provides individual alarm, access control and monitoring solutions on any type of client or storage device. A mobile monitoring app for care taker, nurse and any other authorized staff ensures a real time overview of all critical areas to allow efficient intervention and appropriate actions.

**Unlimited scalability and high return on investment:**

MOBOTIX enables streamlining and simplifying healthcare delivery services to improve the overall Return On Investment while preserving the ability to scale the system as required.



**Savelberg, Gouda, Netherland**

The Savelberg nursing home has implemented smart domotics to provide elderly people affected by dementia with a wider range of movement. A lot of attention is paid to integrating independent living and care provision. Depending on individual abilities, residents can move freely within three living zones. Savelberg has chosen MOBOTIX cameras.

- ▶ Integrating residential and care services
- ▶ Care solution with video and audio sensors
- ▶ Three living zones for 24/7 wander detection
- ▶ More freedom for residents and care givers



**Southend University Hospital NHS Foundation Trust, Essex, United Kingdom**

- ▶ largest all digital, hi-res CCTV system within any NHS facility, designed to help protect more than one million people
- ▶ 1 million sq. feet campus in Westcliff-on-Sea near Southend
- ▶ Primary focus was on the protection of people, and includes surveillance across the full perimeter, all entry and exit points for both vehicle and foot traffic, as well as key transit points to ensure their safety and well being. 18-month project was completed in stages; initial parts have been operational across the site without any issues for seven months.



MOBOTIX has developed and manufactured IP video systems, video management and analysis software in Germany since 2000.

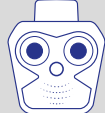
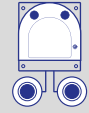


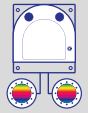
MOBOTIX stands out for its **high level of reliability**. All outdoor cameras are subjected to a stress test for temperatures between -30°C and +60°C (-22°F and +140°F). Without additional components, without heating or cooling and with no moving parts (for example auto iris), they are virtually maintenance free.



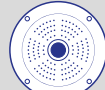

MOBOTIX delivers a **perfectly matched package**, starting with the microSD card for storage management and HD audio (microphone and speaker) with VoIP telephony through video analysis, a professional video management system and motion detection software reducing false alarms.





The **decentralized architecture** means that a central computer is not required and the network load is minimal. The intelligent cameras from MOBOTIX process and store image data themselves, trigger events and, in the event of remote access, manage the frame rate and resolution depending on the available bandwidth.





The 6MP Moonlight sensors and complementary **thermal imaging technology** ensure reliable detection of moving objects, even under the most challenging light conditions and over long distances. As a result, it is possible to cover large areas with just a few cameras. Less power cabling, less IT infrastructure and fewer additional light sources are needed. MOBOTIX cameras are powered using standard PoE and do not require more than 4-5 watts.





An intelligent IP video system from MOBOTIX allows you to **reduce total costs**. The investment pays for itself after a short time and the free-of-charge software and updates ensure it is a future-proof investment.

Outdoor Dual Lens			Thermal	
M15/16 AllroundDual	S15/16 FlexMount	D15/16 DualDome	M15/16 Thermal	S15/16 DualThermal
				
Robust for extreme conditions	Flexible dual camera	Modular dual camera	Thermal dual	Thermal dual

Outdoor Single Lens			
M25/26 Allround	S15M/26 FlexMount	Q25/26 Hemispheric	D25/26 Dome
			
Robust for extreme conditions	Discreet, video analysis	Discreet, video analysis	Modular Fix dome

Indoor			
i25/26 panoramique	c25/26 Hemispheric	p25/26 Allround	v25/26 MiniDome
			
180° hemispheric	Discreet, video analysis	Modular ceiling camera	Vandalism camera

Door Modules			MxDisplay+
Camera	BellRFID	Keypad	Remote Station
			

Door Sets			
Double Frame		Triple Frame	
			

Retailer information: