MOBOTIX AG

More Than Just a Camera Manufacturer

BeyondHumanVision

MOBOTIX

MOBOTIX
BeyondHumanVision
MOBOTIX

We Create Innovative Solutions BeyondHumanVision

Our motto is 'Beyond Human Vision'.
This means that video surveillance is part of a larger potential where MOBOTIX serves as the foundation platform for innovative solutions that address real-world challenges in industries such as manufacturing, retail, healthcare, transportation and more.

Made in Germany

What Makes MOBOTIX So Unique:

Quality "Made in Germany"
Simply longer in use

Free software updates
Simply helpful

Genuine decentralized architectur
Simply the better concept

Interoperability
Simply data-oriented

Certified cyber security
Simply better prepared

Scalable range of functions
Simply solution-oriented

Lip-synchronized audio
Simply more value

Leading fire protection solution
Simply a life and cost saver

Leading healthcare solution
Simply relieving

MOBOTIX Community
Simply unbeatable

MOBOTIX **Headquarter & Sales Locations**

MOBOTIX Reliability

Made in Germany

MOBOTIX DualDome camera (-30 to +60 °C) - Iceland, Vatnajökull - Europe's largest glacier

BeyondHumanVision

MOBOTIX

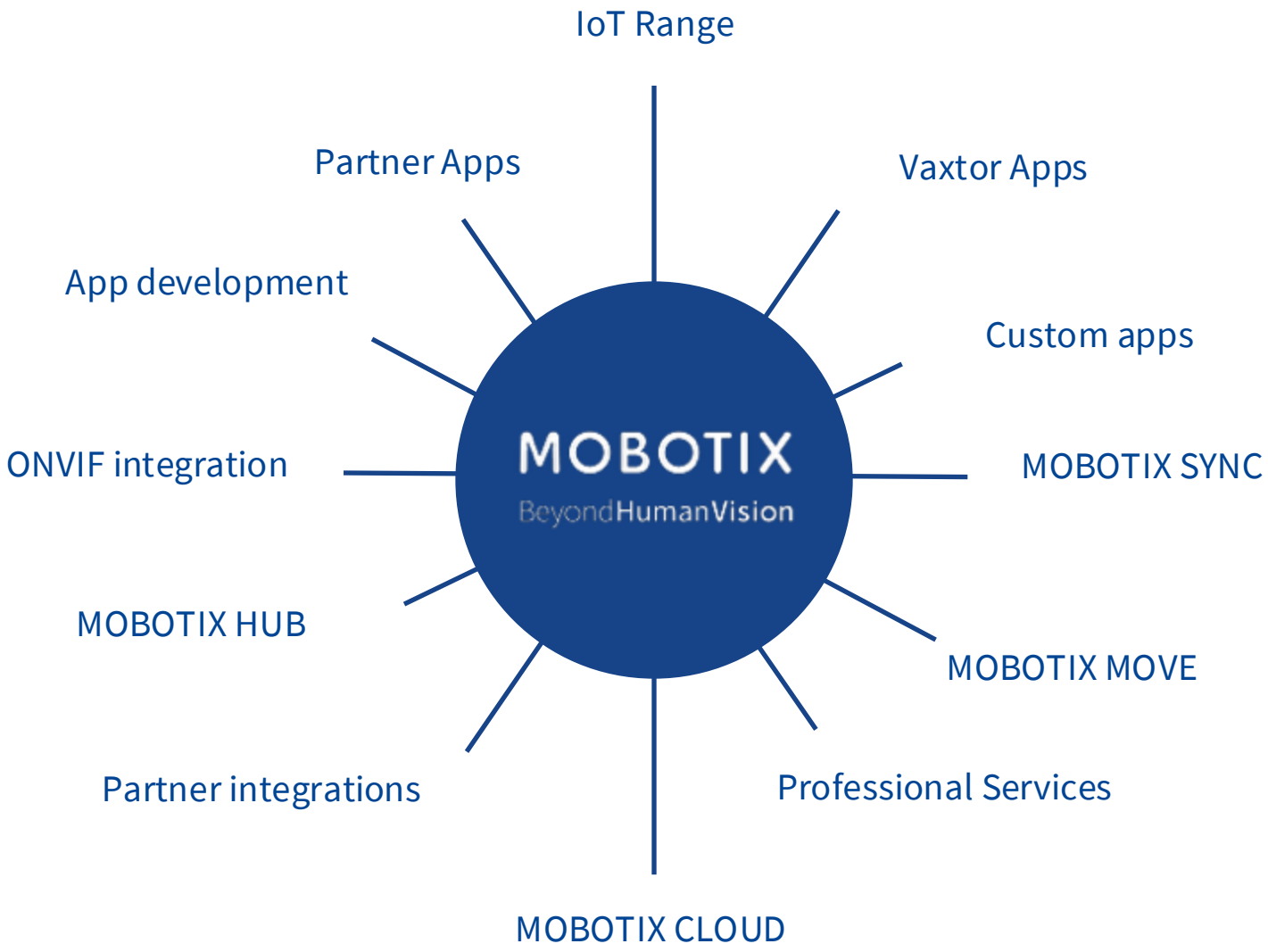
The most robust cameras in the industry

- Made in Germany
- MTBF > 9 years/80,000 hours
- High-quality materials
- Professional assembly in our own factory
- Unique in the world: Extensive testing and quality control of every single camera

Quality that pays off

- Up to 8 years warranty
- On all components, including optical and thermal sensors
- No mechanically moving parts = no wear and tear and risk of failure

MOBOTIX – **Portfolio**



MOBOTIX – **25 years Made in Germany**

Made in Germany

MOBOTIX was founded in 1999.

First decentralized IP camera with integrated recording and intelligence

MOBOTIX CYBERSECURITY

MOBOTIX CLOUD

MOBOTIX HUB

Acquisition of VAXTOR, 2022

Integration of the leading OCR software company into MOBOTIX AG

1999	>2001	2010	2014	2016	2018	2019	2020	2021	2022	2023	2024	2025
HiRes IP Video systems made in Germany	Camera-integrated video analysis Software	First hemispheric IP video door station	Affordable high-performance cameras Thermal imaging IP cameras	Mx6 IoT camera platform	Cactus concept and MOBOTIX MOVE	MOBOTIX 7: M73 with camera-integrated apps	MOBOTIX CLOUD P7 Thermal Prof. Services	MOBOTIX HUB P7 Vaxtor Apps		Innovative data-driven SYNC solutions	MOBOTIX ONE platform	Certina Software Investments AG

VdS · EN 54-10 · NDAA Compliant · Certified CNPP · HIPAA Compliant · TAA Compliant · Approved Security

MOBOTIX stands for the highest level of cyber security through integrated data protection, encrypted communication and secure "Made in Germany" technology

MOBOTIX Cactus Concept

- Cyber security is one of the central development focuses of MOBOTIX
- Encrypted end-to-end security concept
- MOBOTIX IoT systems are regularly tested externally (e.g. Syss certification)

MOBOTIX - Multiple Certifications

GDPR Compliant

Certified Product Approved Security TESTED 04.2025

NEMA National Electrical Manufacturers Association

TAA Compliant

HIPAA Compliant

NDAA Compliant

VdS

EN 54

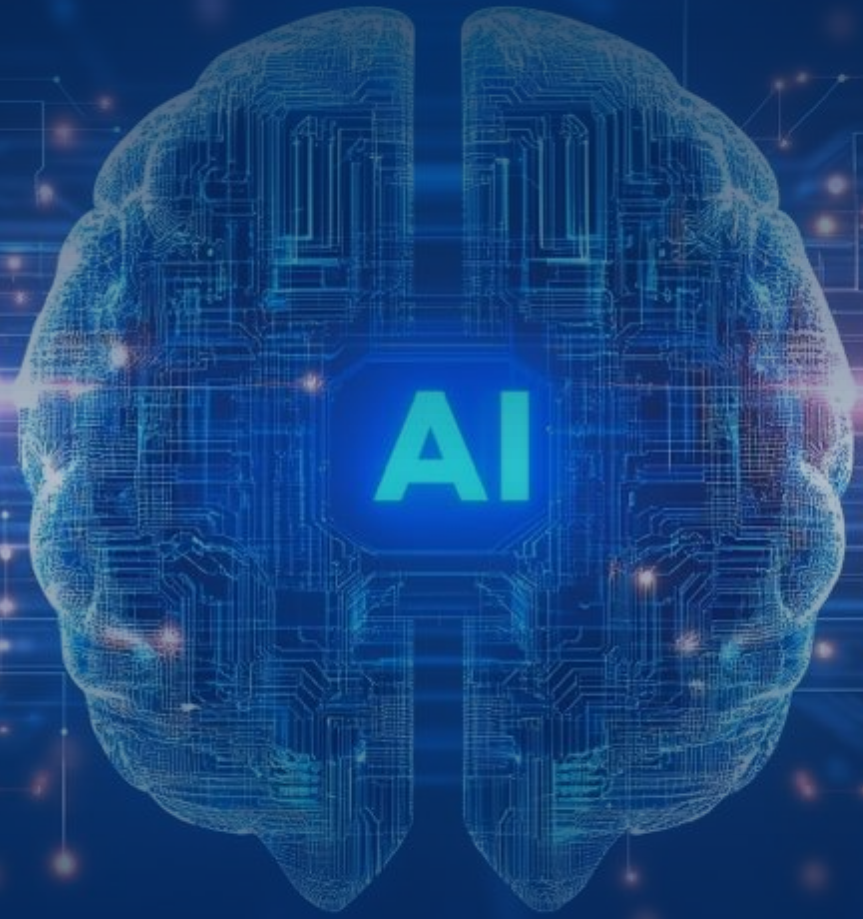
Certified CNPP

PBST

Applus

DIN ISO 9001

High-quality, durable and intelligent technology that meets the highest standards of cyber security, quality and innovation



MOBOTIX – **Hardware Portfolio**

M-Design

ONE M1

M73

M16

Dome Cameras

D71

v71

Vandal Dome

Micro Dome

Fixed Dome

PTZ Cameras

Speed Dome
2 MP Low Light

Speed Dome
Flush Mount

Speed Dome
IR 5MP

Speed Dome
4K LiDAR

Hemispheric Cameras

Q71

c71

Vandal
Hemispheric

Multidirectional Cameras

S74

Vandal Multisensor PTZ

Vandal Multisensor

Bullet Cameras

Standard Bullet

Vandal Bullet 4K

Turret & Flateye Cameras

p71

Turret

MOBOTIX – **Hardware Portfolio – Specials & Bundles**

Thermal

M16

M73

S74

Eco Thermal

p71
Thermal ECO

Thermal
ECO Sensor

Special Solution Healthcare

c71 NurseAssist

Special Solution OCR

ALPR MOVE Bullet

Special Solution Security

Eco Thermal Bundle
with Irisity Intrusion

The development of the **MOBOTIX ONE platform**

P7

- State-of-the-art features
- AI-based video analysis apps
- Made in Germany

P6

- Proven assembly concept
- Made in Germany

MOVE

- Varifocal lenses
- Market standards

ONE

- Made in Germany
- State-of-the-art features + market standards (SoC*)
- P6 mounting concept, even easier with varifocal
- AI-based video analysis apps

*System on a chip

MOBOTIX M ONE – **Variants**

M1A-S-FIX

M ONE with fixed focal **length lens**
Image sensor (2 variants): 4K day & night; 4K night
Viewing angle (HxV), 6 fixed lens variants per image sensor:

- Wide (f/1.8): 120°x60°; 95°x50°; 60°x33°
- Normal (f/1.8): 45°x25°
- Telephoto (f/1.8): 30°x17°; 15°x8.5° a

M1A-S-VARIO

M ONE with motorized varifocal lens
Image sensor (1 variant): 4K Day & Night
Viewing angle (HxV), 2 varifocal lens variants:

- Telephoto varifocal lens (f/1.3): 42°-15° (H) x 22.8°-8.4° (V)
- Wide-angle varifocal lens (f/1.3): 112°-47.5° (H) x 58°-26.6° (V)

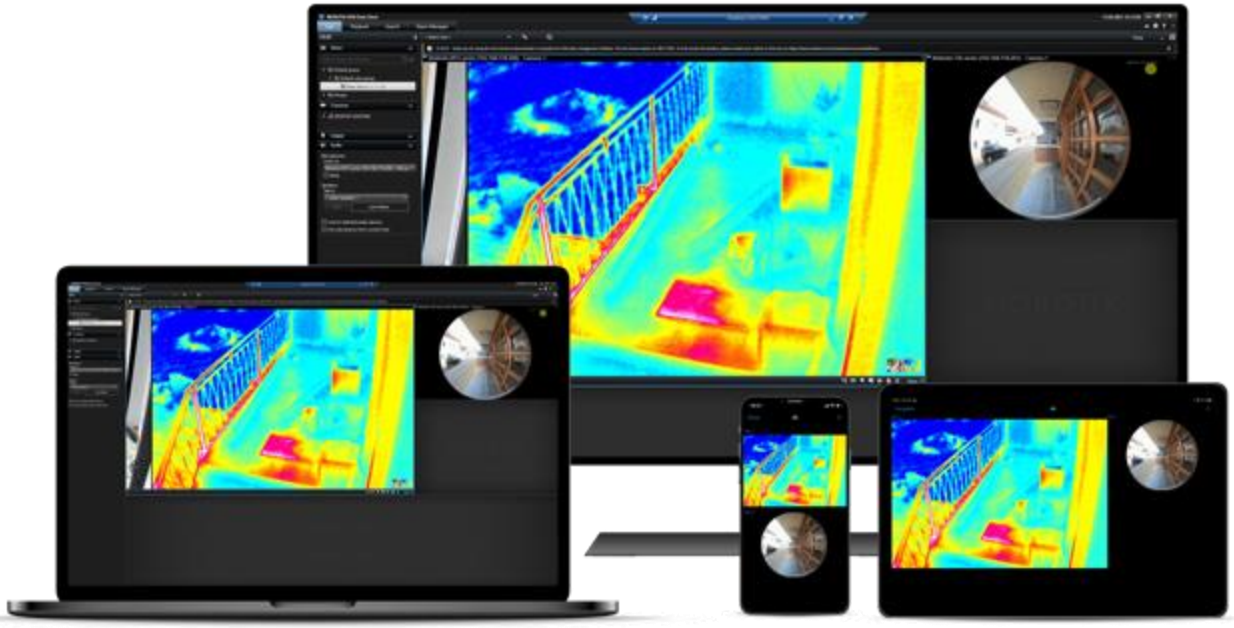
Powerful, flexible and data-secure solutions for intelligent video analysis, device control and seamless system integration

Management software for effective data analysis

MOBOTIX CLOUD

MOBOTIX MxMC

Management software for effective data analysis



MOBOTIX HUB

MOBOTIX SYNC
The Intelligent Data Center

MOBOTIX – **Video-Management-Systems**

Easy integration into large and small video surveillance systems or standalone operation

	MOBOTIX MxMC As of 2.8.1	MOBOTIX CLOUD	MOBOTIX HUB With the new MOBOTIX HUB Driver	MOBOTIX MOVE NVR ONVIF compatible
Integration ONE	✓	✓	✓	✓
Central Management	✗	✓	✓	✗
Integration SYNC	✗	✗	✓	✗
Event-Handling	Research	Recording & Research	Recording & Research	-
Costs	Free of charge	Cloud Bridge + Camera license	Server + Hub Level-license + Camera license	NVR
System	Complete system with VMS-Client (Mac, Win)	Complete system with Bridge, VMS WEB (offene OS-Plattform)	Complete system with VMS-Client (Win) App (iOS & Android)	Closed system with hardware, app and VMS client (for Win, Android & IOS)

Can also be **integrated into 3rd party VMS systems** thanks to ONVIF | GST | H.265 H.264 JPEG | MxPEG+ MJPEG

Intelligent camera functions for every requirement

- The MOBOTIX Certified Apps are powerful, deep learning-based camera applications - developed by MOBOTIX or selected technology partners.
- Each app is specially tested and certified for the MOBOTIX 7 or ONE platform and meets the highest cyber security standards.

MOBOTIX – **Certified Apps Overview**

Security

Thermal

OCR

Healthcare

MOBOTIX AG – **Fokusmärkte**

Video Security

Thermal

OCR

Healthcare

VIDEO SECURITY

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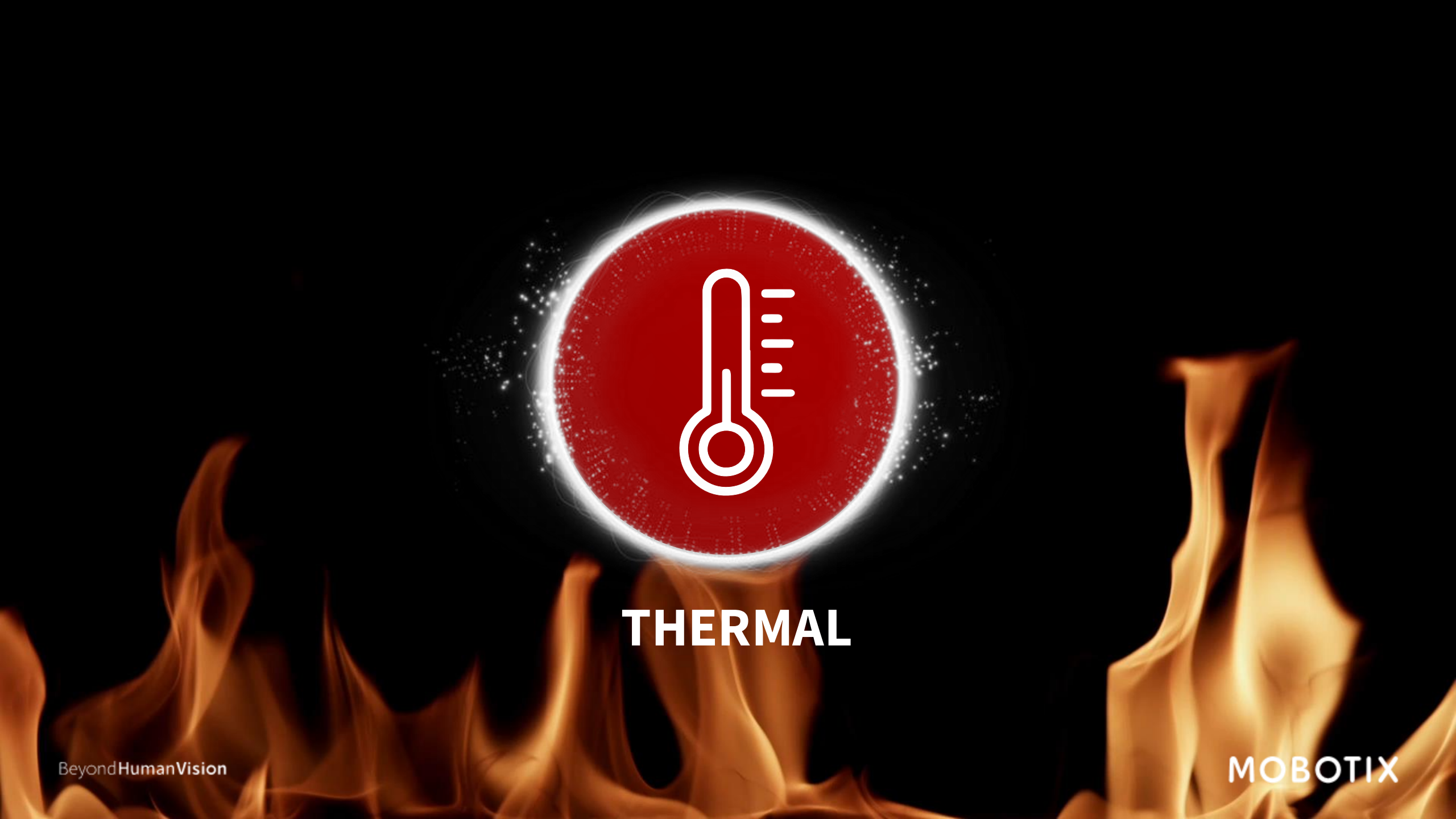
Video security – **Solution Areas**

- ✓ Intelligent detection of people & vehicles
- ✓ Avoidance of false alarms through AI-based analysis
- ✓ 24/7 protection even in darkness and extreme conditions

- ✓ Edge computing directly in the camera
- ✓ Pattern and behavior recognition in real time
- ✓ Automated alarms and reactions

- ✓ Privacy by design & end-to-end encryption
- ✓ Regular penetration tests and security updates
- ✓ Auditable for NIS2, CRA & KRITIS


THERMAL
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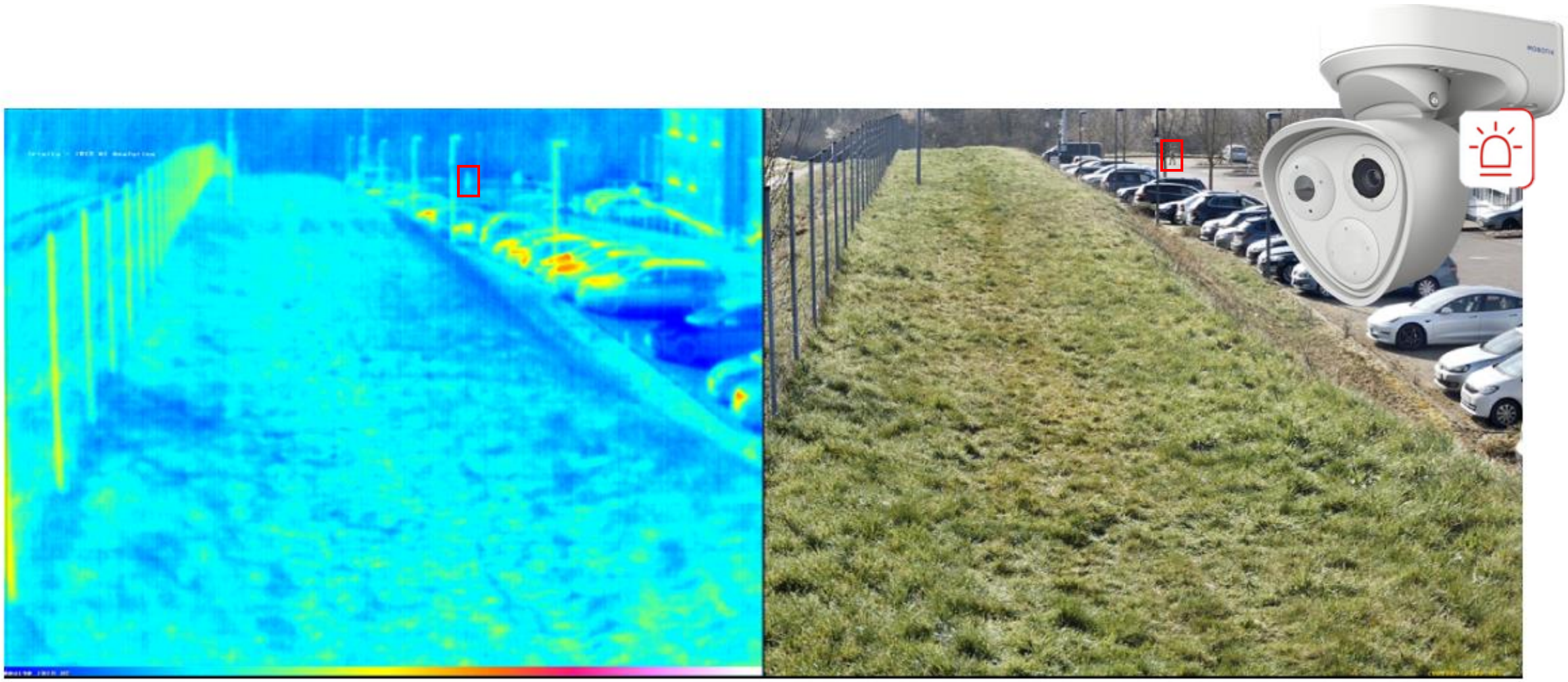
Thermal – **Solution Areas**

- ✓ GDPR-compliant monitoring
- ✓ **Also works in complete darkness**
- ✓ Determine legitimate interest
- ✓ Recording with optical sensor

- ✓ **Recognizing fire before it starts**
- ✓ Recognizing and warning of potential hazards
- ✓ Timely initiation of countermeasures

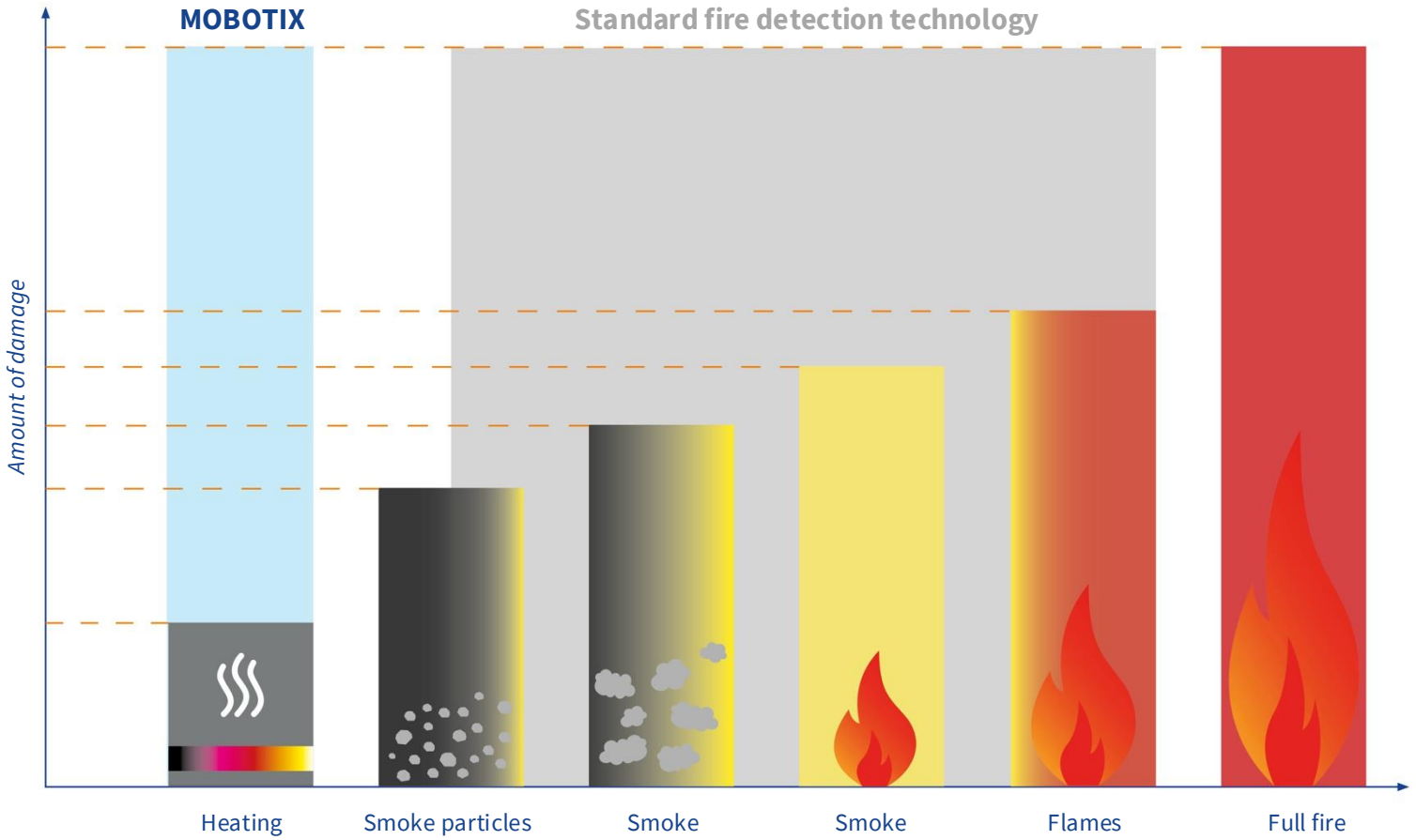
- ✓ Product and quality assurance
- ✓ Process and temperature monitoring
- ✓ Recognize wear limits
- ✓ Reduce costs

Thermal – **Solution Fields: Perimeter Protection**

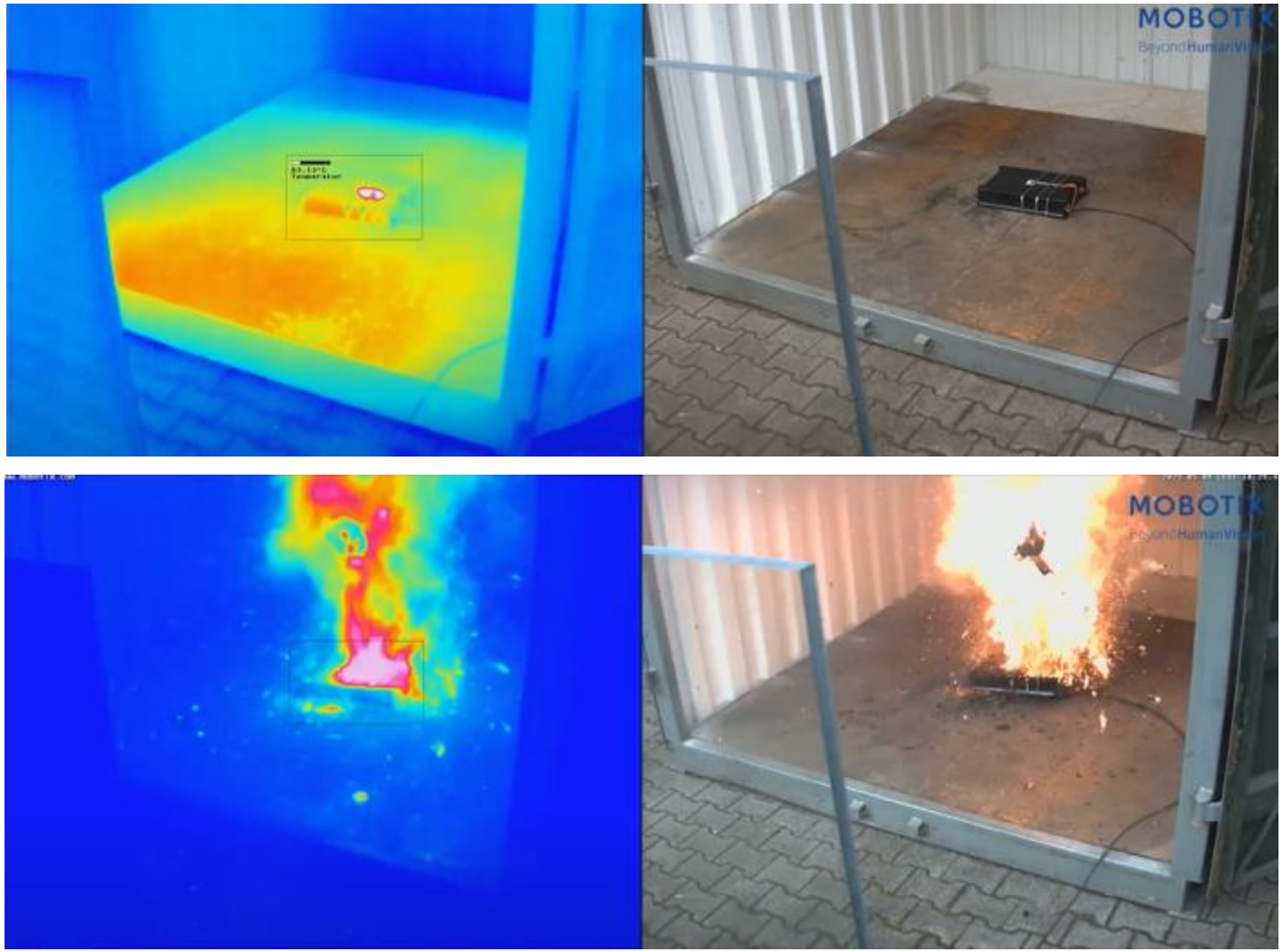


We recognize the danger before the fire even breaks out!

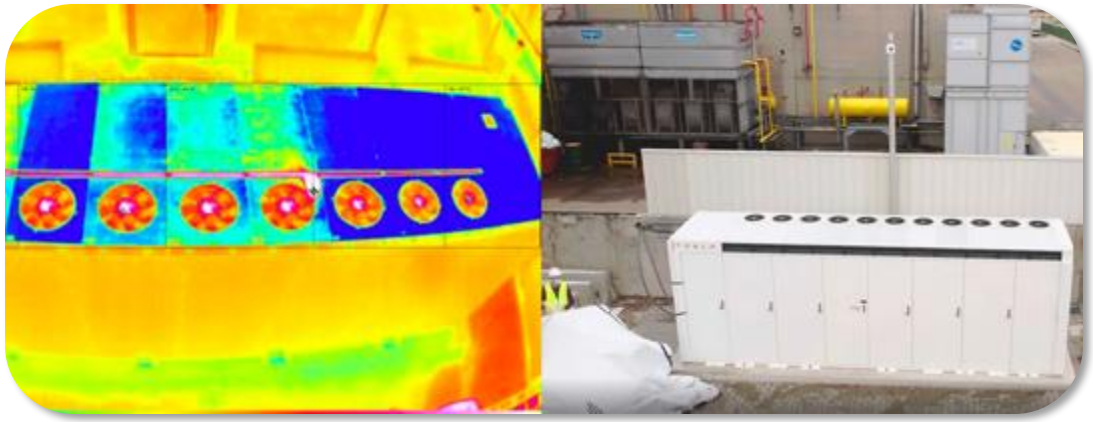
Visible through the thermal sensor - Overview through optical sensor



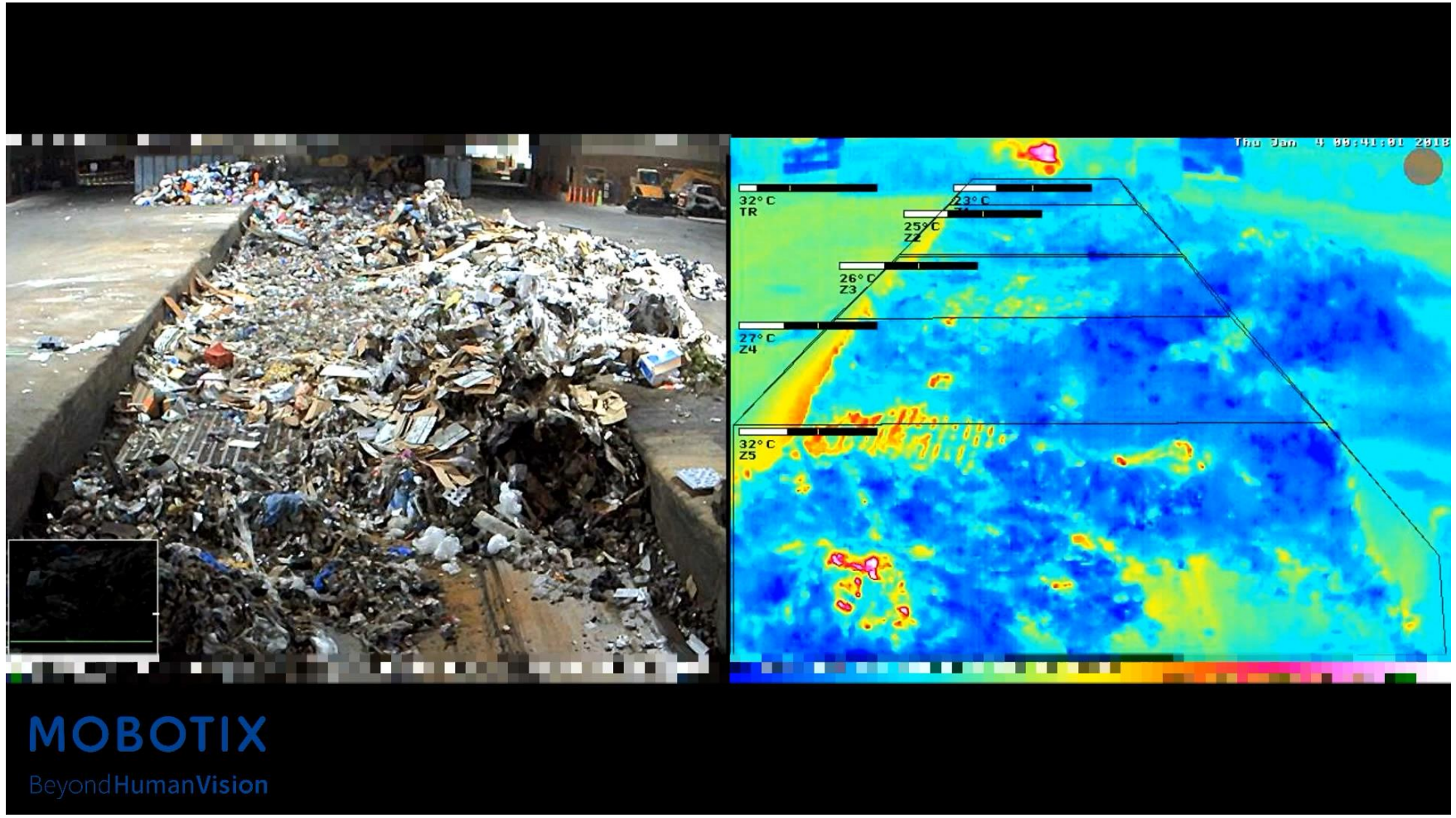
Thermal – **Solution Fields: Early Fire Detection** – Example Battery



Thermal – **Solution Fields: Early Fire Detection** – Process Monitoring

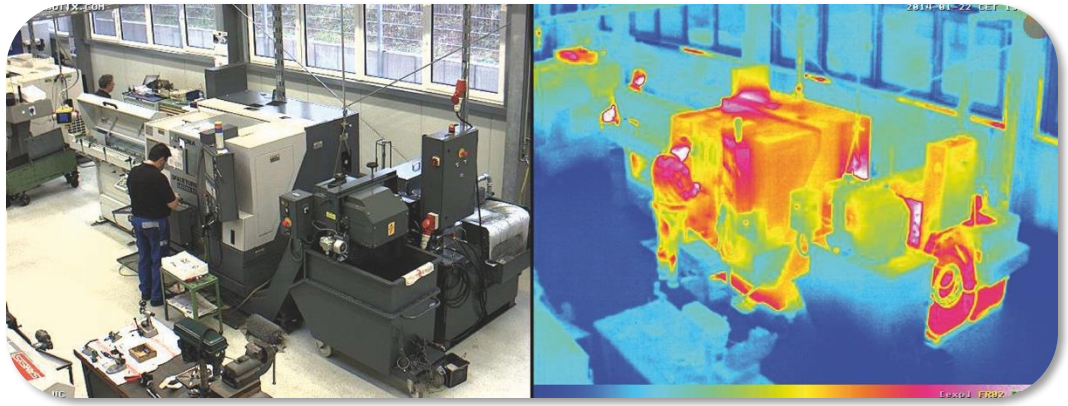


Thermal – **Solution Fields: Early Fire Detection**

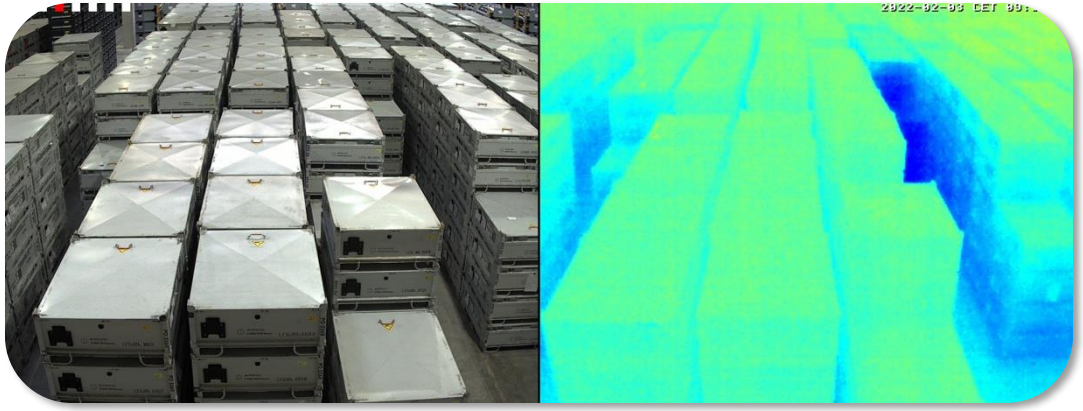


Thermal – **Solution Fields: Early Fire Detection**

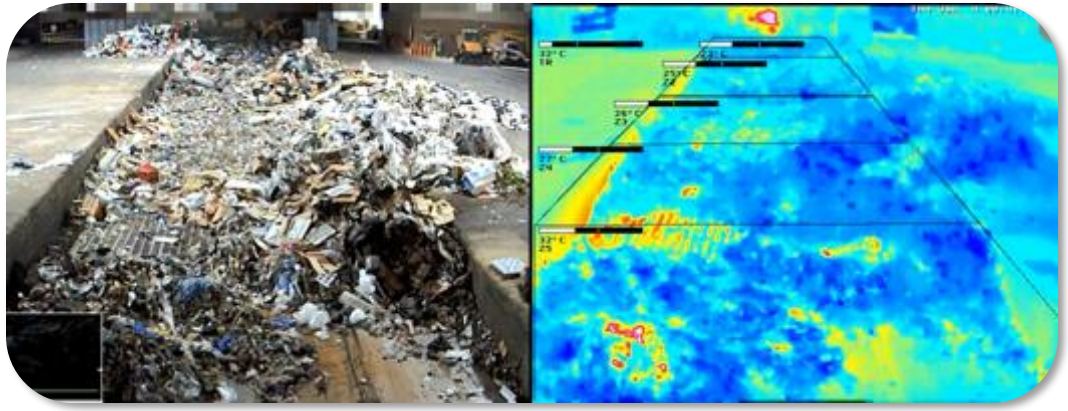
Areas of application



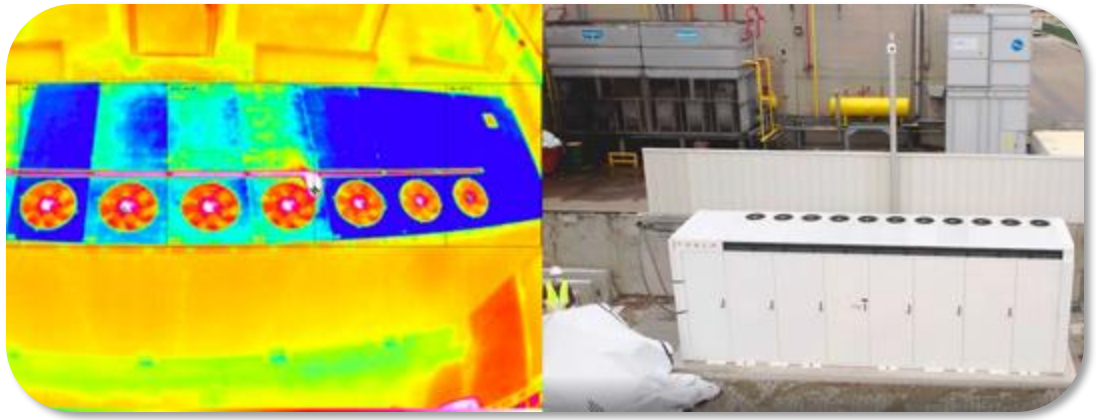
Production & Storage



Charging



Recycling



Process Monitoring

Thermal Technology in Early Fire Detection

5-fold certified

VdS approval for integration in fire alarm systems
VdS Schadenverhütung GmbH is Europe's largest institute for Corporate security

EN 54-10 approval as a point-type flame detector
The European Committee for Standardization specifies in the EN 54 series of standards
Application guidelines for fire alarm systems.

CNPP certification for integration in fire alarm systems
The **French National Center for Prevention and Protection (CNPP)** is an organization for certification in risk prevention

Testing in accordance with TRVB 123 S for use in fire alarm systems
The test center for fire protection technology of the Austrian Bundesfeuerwehrverband (PBST) confirms the MOBOTIX M16 Thermal-TR camera the successful tests for use in fire alarm systems. The MOBOTIX thermal camera can also use an optical sensor.

APPLUS certifies M73 suitability for Spanish fire protection systems (RIPCI)
The MOBOTIX M73 thermal camera for early fire detection fulfills the Spanish Fire Protection Installations Ordinance (RIPCI). In the external expert opinion from APPLUS LABORATORIES has been certified as suitable for use in fire protection systems.

OCR (Optical Character Recognition) & **ALPR** (Automatic License Plate Recognition)

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What is OCR & ALPR?

- **OCR (Optical Character Recognition):** Automatic recognition of text (e.g. numbers, signs, labels) in images and videos
- **ALPR (Automatic License Plate Recognition):** Specialized OCR for reliable identification and analysis of vehicle license plates

MOBOTIX OCR & ALPR – **Solution Areas**

- ✓Improved vehicle access control
- ✓Monitoring of traffic restrictions
- ✓Process automation
- ✓Automated container tracking and documentation

- ✓Automated container tracking
- ✓Real-time monitoring of cargo
- ✓Automated access control

- ✓Optimize traffic management
- ✓Monitor areas with high traffic volumes in real time
- ✓Detect potential threats faster

The Importance of OCR Technology

- **Increasing efficiency** and safety in logistics, freight and ports
- **Automation of** manual processes
- **Real-time detection and processing of** relevant data

OCR: Optical Character Recognition

MOBOTIX Advantages

- **Edge-based analysis:** No additional server performance required
- **Highest accuracy:** Even in difficult lighting conditions, at high speed or unfavorable angles
- **Flexible integration:** Compatible with barrier, access or logistics systems
- **Data protection compliant:** processing in accordance with GDPR, can be anonymized on request

2 apps per camera can be used simultaneousl

OCR Camera Apps for Different Scenarios

Make Model Color Recognition

License Plate Recognition Multi Lens

License Plate Recognition

Container Code Recognition

UIC Railway Code Recognition

Barcode Reader

Genesis

Airplane Identification

License Plate Recognition / Dangerous Goods

USDOT Number Recognition

Unique platform for **intelligent data management**

MOBOTIX OCR & ALPR- **Parking space management**

Parking space management

- Automated access control
- Monitoring compliance with regulations (parking time, etc.)
- Blocking an e-car spot?
- Proactive management

Business Intelligence + customer experience

- Integration into the booking system
- Real-time update of available seats
- Automatic booking with your license plate

Data analysis

- How long does a customer stay?
- What activities are carried out?
- What service can we offer?

ЦВЕТОЧНЫЙ ГОРОД
ОПТИКА
аптека
ОПТ
цветы
РОЗНИЦА
ТЕАТРАЛЬНАЯ КАССА
ЗООМАГАЗИН
ЧЕТЫРЕ ЛАПЫ

DAI

Healthcare

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Healthcare - **Solution areas**

- ✓ Fall detection (with 99% reliability)
- ✓ Monitoring the resident status
- ✓ Remote communication (microphone and loudspeaker integrated in the Smart Sensor for two-way communication)

- ✓ Emergency alarm system
- ✓ Routine monitoring
- ✓ Improve safety and well-being
- ✓ Rapid notification
- ✓ Fast and decisive action

- ✓ Postoperative care
- ✓ Tracking mobility
- ✓ Virtual tours
- ✓ Reduces staff workload
- ✓ Safety for the patient

MOBOTIX NurseAssist

Comprehensive and reliable monitoring solution for care facilities, hospitals and Home care

MOBOTIX c71 NurseAssist - **Smart Sensor**

MOBOTIX c71 NurseAssist powered by Kepler Vision Technologies:

- ✓ Not a surveillance camera, but a highly reliable video analysis sensor
- ✓ AI-based health app incl. fall detection, in the bathroom etc.
- ✓ Direct alerting of nursing staff
- ✓ The 360° Smart Sensor for automatic fall detection
- ✓ Can be directly integrated into nurse call and reporting systems. GDPR-compliant.

Unique Advantages

- **Increased security:**
  Thanks to precise monitoring and immediate alarms, critical incidents can be detected and escalated immediately.
- **Increasing efficiency in day-to-day care:**
  Care staff are relieved by automatic notifications and can intervene in a more targeted manner.
- **Personalized support:**
  Thanks to the extended status messages, care can be individually tailored to the patient's needs.
- **Future-proof and expandable:**
  Integration with existing nurse call systems and the option of integrating other MOBOTIX products make the system flexible and adaptable to future requirements.
- **5 year guarantee:**
  The high-quality hardware and software combination is designed to be extremely durable and maintenance-free.

Unique Advantages

- **Intercom:**

  Possible via integrated high quality audio function (but no recording of audio in the room).

- **Easy installation and maintenance of the system:**

  No additional computer or data server is required with an existing nurse call system.

- **Multi-level data protection concept:**

  All alarm functions are also available without display, transmission or recording of video and audio data.

- **Optical sensor with seamless 360° all-round vision and intelligent bed detection:**

  Only one Smart Sensor per resident's room, position of the bed can be changed at any time (no recalibration).

- **More reliable, more efficient and more functional than conventional camber sensors:**

  E.g. radar or touch sensors, wristbands or smartwatches, as the MOBOTIX sensor does not need to be worn.

MOBOTIX NURSEASSIST
powered by Kepler

MOBOTIX NurseAssist Smart Sensor - **Standard Functions**

Fall detected: Detects within 20 seconds if the patient falls.

In bed: Detects a patient lying in bed, regardless of where the bed is located in the room.

Not in bed: Recognizes when the patient leaves the bed but is still in the room.

MOBOTIX NURSEASSIST
powered by Kepler

MOBOTIX NurseAssist Smart Sensor -
Additional Functions of the Extended License

Person lying/sitting on the floor: Distinguishes precisely in the alarm message whether a person is sitting or lying on the floor.

In bed: Detects a patient lying in bed, regardless of where the bed is located in the room.

Not in bed: Recognizes when the patient leaves the bed but is still in the room.

Sitting on the edge of the bed: Detects within 20 seconds whether the patient is sitting on the edge of the bed**.**

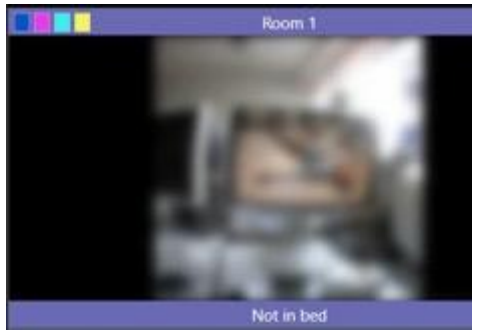
Outside the room: Detects whether a person leaves the room.

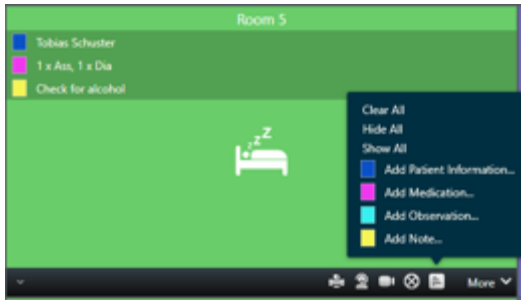
Entering the room: Detects whether a person enters the room.

In the bathroom: Detects when the patient goes to the toilet and sends a message if they stay there too long.

Bed not detected: Sends an alarm if the bed has been removed from the room or, for example, the c71 sensor is/was covered (active manipulation).

MOBOTIX HUB Healthcare - Examples of applications





Complete data protection

Blurred Image

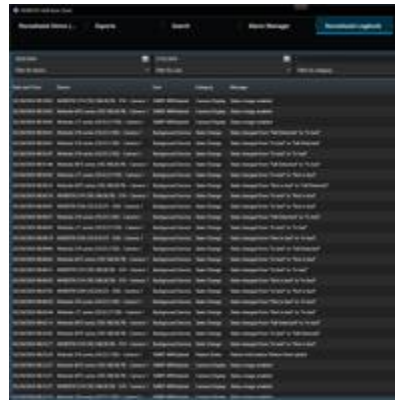
Patient protocol

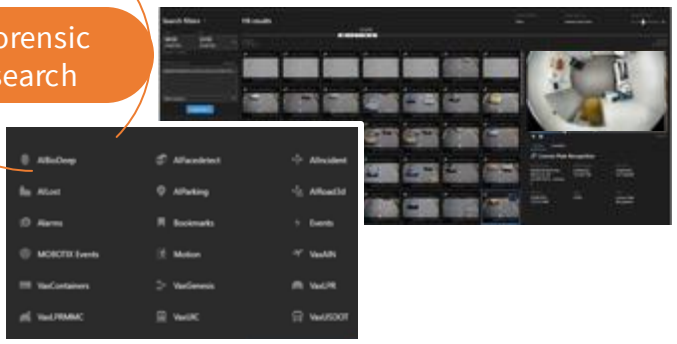
Health Function

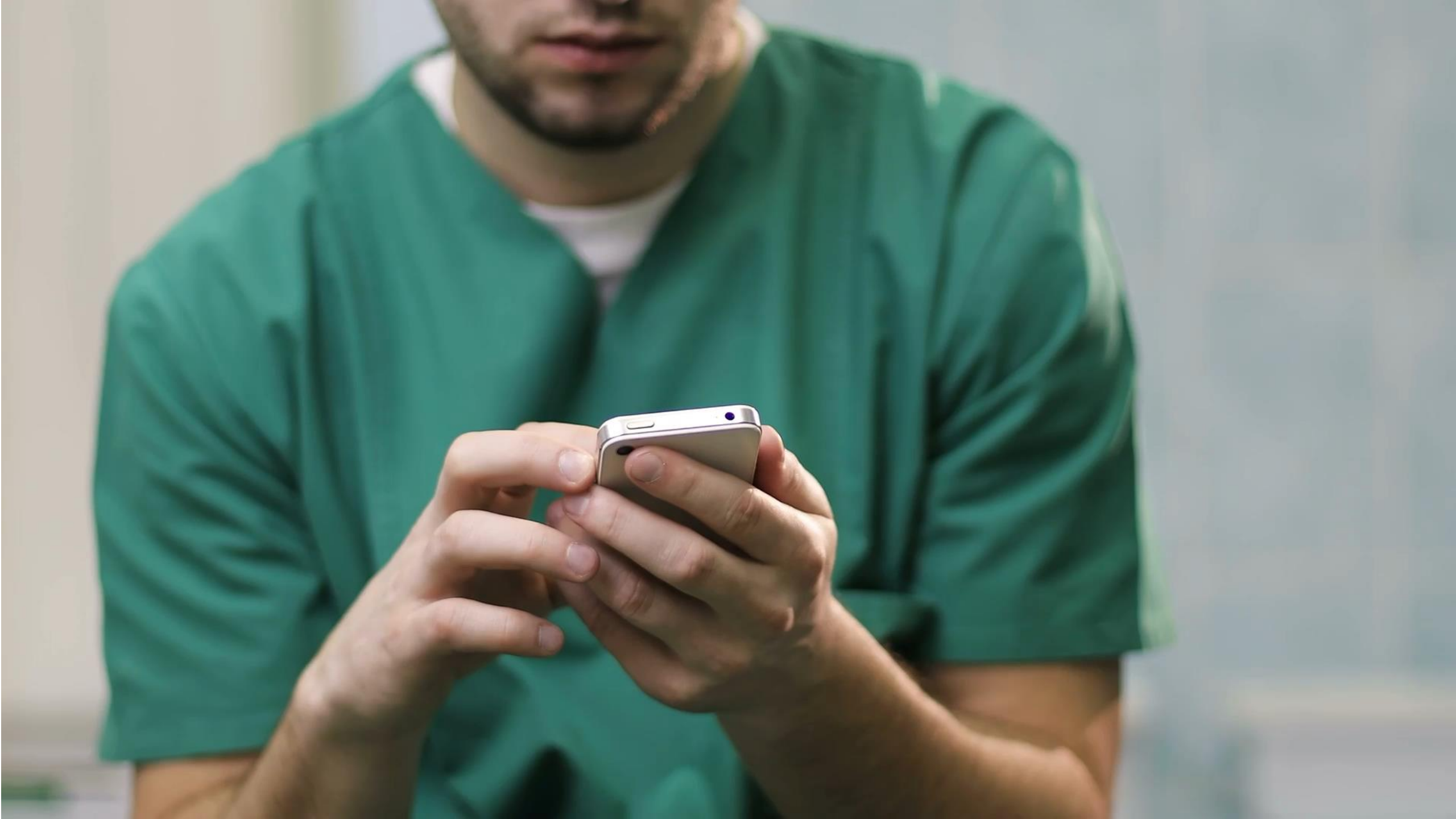
Statistics

Logbook

Forensic search







MOBOTIX Network

Unique Community

Beyond Human Vision

MOBOTIX

MOBOTIX Partner

- It is only through close cooperation with our partners worldwide that the MOBOTIX DNA is complete - and becomes our unique code for outstanding success.
- Let's advance the "BeyondHumanVision" mission together and create benefits and tangible added value for your customers using intelligent video technology.

MOBOTIX **Partner Program – Level**

Perfect start

For all companies that want to market and sell MOBOTIX solutions

Second partner level

For companies that already have a good knowledge of MOBOTIX technology

Third partner level

For companies that have in-depth knowledge of MOBOTIX

Highest partner level

Exclusively for partners who have deep and established strategic partnerships with MOBOTIX

We support you with the MOBOTIX partner program:

Marketing and sales support

Multi-level Discount system

Active Project support

Premium trainings and certifications

Premium Support

Tips from our technical support experts and experienced external users

Tips for setting up and use

Troubleshooting and support

Technical Info & Tips

User forum for worldwide exchange

- **MOBOTIX Community:** https://community.mobotix.com

Your project - Our service

- With MOBOTIX Professional Services, we offer customized support for every phase of your project.
- Whether **pre-configuration**, **project implementation** or **system optimization** - we make your video security solution a success.

Any questions?
We are here for you:

- **MOBOTIX website:**
  https://www.mobotix.com
- **MOBOTIX Community:**
  https://community.mobotix.com
- **Personal contact:**
  sales@mobotix.com
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Thank you very much

BeyondHumanVision

MOBOTIX

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