

Protecting Public Infrastructures & People

Tailored to the public sector Cybersecure video technology protects people, public institutions and infrastructures

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Langmeil, March 31, 2020 - Public administrations, organizations and infrastructures must always be comprehensively and reliably protected. Be it from intrusion, damage or cyber threats MOBOTIX intelligent video technology can not only provide solutions to counter these threats but also assist in increasing efficiency in process and safeguarding assets.

MOBOTIX technology continues to evolve through Artificial Intelligence and on the Edge Analytics to alarm, prevent and mitigate physical and digital hazards.

Preferred targets are Government Facilities, Public Venues and Open Areas, MOBOTIX Solutions provide reliability , robustness and above all quality of data in these locations giving peace of mind.

With MOBOTIX focus on cyber-security and flexibility we can offer a complete suite of solutions to all applications.



More information

Protecting Public Infrastructure & People:

The new open and modular video system platform MOBOTIX 7 changes the way video surveillance and video analytics are used. With an ever increasing portfolio of hardware, software and intelligent solutions, MOBOTIX applications are not only solutions for current requirements but also scalable for future needs.

One of our main areas of focus is on Public Sector. MOBOTIX 7 is the latest addition to the MOBOTIX family and enables deep learning and AI tool's in addition to the standard for which MOBOTIX is known; reliability and performance.

The MOVE models, the proven Mx6 and the new MOBOTIX 7 series cover public sector requirements, from high-quality industry standard to AI-based IoT video systems developed for innovative and future applications. MOBOTIX sets new standards in the market: Extremely robust, extremely sensitive, incredibly secure - Beyond Human Vision.

"MOBOTIX offers a complete product range to the federal, state and local governments, which as a complete solution covers all needs and requirements in the public sector. Together with our partners and the end customers, we use this range of solutions to develop customized systems that optimally meet the specific challenges in the public sector," says MOBOTIX CEO Thomas Lausten.

Cyber Security "Made in Germany"

Public Offices, Authorities or Ministries have the most sensitive data at their disposal, which is has to be secure as a priority.

This is why MOBOTIX solutions, which are as robust as they are intelligent have strict cyber security protocols which are constantly being increased to maintain the highest level of security we can offer.

MOBOTIX only uses powerful and high-quality electronic components. This principle is consistently applied right into the digital world. Cyber security is a top priority at MOBOTIX and is strictly adhered and maintained through the MOBOTIX Cactus Concept.

Even more: MOBOTIX cameras are high-performance computers with eyes and focus on data security and protection. The entire video analysis - and optionally also the recording - takes place in the camera. The self-sufficient IoT cameras transmit images - securely encrypted end-to-end to the highest standards - to the network only when relevant events occur. Transmitting less data also means fewer opportunities for cyber attacks. Edge computing eliminates the need for central video servers and recording devices.

MOBOTIX has been certified for cyber security by the internationally renowned French testing institute **CNPP** (Centre National de Prévention et de Protection) as the first European manufacturer in CCTV as well as **Secure by Default** from the UK and also penetration tested by SYSS in Germany.

MOBOTIX is also committed to data security in compliance with the German Data Protection Act (DSGVO). Both access rights and camera settings can be adjusted according to the application and sensitivity: 100 percent "Made in Germany"for the highest possible cyber security.

Edge architecture uses applications with artificial intelligence and deep learning

The decentralized edge architecture uses applications supported by Artificial Intelligence and Deep Learning and in doing so increases the potential to almost infinite applications that are beyond standard security.

The entire video analysis takes place in the camera. With unrivaled image quality, in real-time as well as recorded, the solid state IoT range of camera’s including the NEW MOBOTIX M73 - are able to transmit images securely with end-to-end encryption, to the network continuously and when an event or alarm might occur, dependent on the requirement.

Not only is the ROI increased but by transmitting less data there are fewer opportunities for cyber attacks. Edge computing also reduces the need for additional components.

Intelligent MOBOTIX video technology protects people, facilities and infrastructures

By using MOBOTIX Analytics detection of suspicious behavior or alarm triggering in crowded situations are just two examples of the capabilities of the Apps. Even unattended baggage is detected.

With Intelligent Solution’s reaction times can be decreased in situations and assist personnel and create awareness of overcrowding and waiting time situations, which also improves service, as well as restricting or controlling access to non-public areas or location of a sensitive nature.

Robust technology saves public budgets

"MOBOTIX video systems are designed to master extreme conditions reliably and over the long term. It doesn't matter whether surveillance is to be particularly discreet or whether systems are to be installed in public spaces in a highly visible position for prevention purposes," explains Hartmut Sprave, Chief Technology Officer, and adds: "The trouble-free "Mean Time Between Failures (MTBF)" service life of our cameras averages 80,000 hours (> 9 years). Public budgets and tax money must be used responsibly. The robust, durable MOBOTIX high-end video systems contribute to this. They do not require constant maintenance or replacement. For obvious installation in sensitive outdoor areas, we offer vandal-resistant additional housings. Discreet, almost invisible solutions are used for discreet surveillance. Highly sensitive optics, thermal sensors, infrared emitters and intelligent apps master the most difficult visibility and environmental conditions, such as darkness or adverse weather conditions".

"Our solutions for the public sector ultimately affect us all, because the federal, state and local governments are there for all of us. They regulate our cooperation and ensure order and strong structures. In the public

sphere, security is the focus of attention. We want to make a decisive contribution to this. With MOBOTIX solutions that are particularly robust, reliable, secure and cyber-safe. It is a good feeling to promote and support the common good of us all with MOBOTIX high-end technology, Made in Germany," Thomas Lausten concludes.

About MOBOTIX AG

MOBOTIX is a leading manufacturer of premium-quality intelligent IP video systems, setting standards for innovative camera technologies and decentralized security solutions with the highest level of cybersecurity and GDPR compliant. MOBOTIX was founded in 1999 and is based in Langmeil, Germany. The company conducts its own research and development, and manufactures its own products with the guarantee of excellence attached to "Made in Germany." Other sales offices are located in New York, Dubai, Sydney, Paris and Madrid. Customers worldwide trust in the durability and reliability of MOBOTIX hardware and software. The flexibility, built-in intelligence and unparalleled data security of the company's solutions are valued in many industries. MOBOTIX products and solutions help customers in industries such as industrial manufacturing, retail, logistics, and healthcare. With strong international technology partnerships, the company is expanding its universal platform and new applications in a wide variety of areas through the use of artificial intelligence and deep learning modules.

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About MOBOTIX AG

MOBOTIX is a leading manufacturer of intelligent IP video systems in premium quality and sets standards in innovative camera technologies and decentralized security solutions with the highest level of cyber security. MOBOTIX was founded in 1999 and is headquartered in Langmeil, Germany. The company relies on its own research and development as well as its own production "Made in Germany". Customers around the world trust in the durability and reliability of MOBOTIX hardware and software. The flexibility of the solutions, the integrated intelligence and the highest level of data security are appreciated in many industries. MOBOTIX products and solutions support customers in areas such as industrial manufacturing, retail, logistics and healthcare. With strong and international technology partnerships, the company is using artificial intelligence and deep learning modules to expand its universal platform and new applications in a wide range of sectors.

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