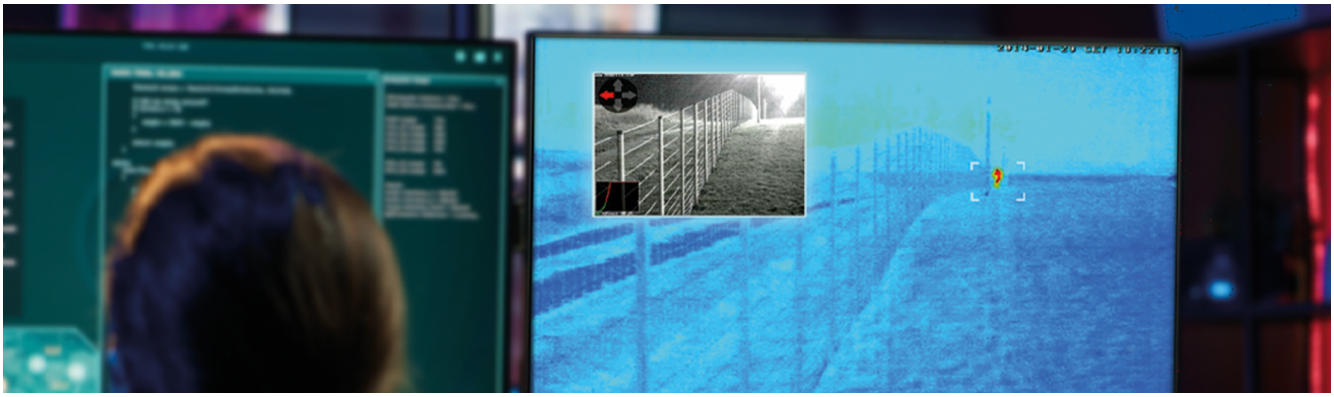
MOBOTIX



AI on the Edge

The End of False Alarms in Perimeter and Facility Security

September 04, 2025

False alarms drain resources, waste time, and can desensitize teams to real threats. But with **AI-powered edge devices**, that era may finally be over.

Every time a motion alert is triggered by wind-blown debris, headlights, or an animal crossing the yard, it demands attention. A guard stops what they're doing. A patrol is sent. A log is updated. Over time, the sheer volume of false alarms wears down vigilance. Teams stop reacting with urgency. The system that was meant to protect starts to lose credibility.

In high-stakes environments — critical infrastructure sites, logistics hubs, manufacturing plants — this isn't just inconvenient. It's dangerous.

But that's changing.

With AI-powered edge devices, security systems are becoming smart enough to tell the difference — **between a raccoon and a real intruder**, between a shadow and a person. The result? Fewer false alarms. Faster response times.

And a frontline that actually delivers on its promise: protecting what matters, without distraction.

False Alarms Aren't Just a Nuisance… They're a Liability

In critical infrastructure, logistics, or manufacturing, security teams are already stretched thin. When every gust of wind or passing headlight triggers an alert, focus erodes. Patrols are wasted. Operators stop reacting. And when a real intrusion does occur, it's often buried in the noise.

At MOBOTIX, we've seen it firsthand across sectors — from remote substations to 24/7 fulfillment centers. That's why our technology philosophy is simple: **don't just detect motion — understand it**.

And that's where **AI on the edge** comes in.

Download our Free Guide

What Does “AI on the Edge” Actually Mean?

Unlike traditional systems that push video streams to a central server or cloud for analysis, edge-enabled MOBOTIX cameras perform processing locally — right inside the device. This decentralized architecture is a foundation of our platform.

Here’s what it changes:

- **Latency disappears**: You get real-time decisions without waiting for backhaul processing.
- **Bandwidth stays lean**: Only relevant events are transmitted.
- **Reliability increases**: Even with network loss or outages, cameras continue functioning independently.

Our AI modules can differentiate a human from a tree shadow in real time, without operator involvement.

Why MOBOTIX Built for the Edge — and Why It Matters Now

MOBOTIX has engineered decentralized, edge-based solutions since our earliest generations — not as a trend, but as a necessity for environments where **real-time visibility, system resilience, and total reliability aren’t optional**.

- Cameras stay operational even during WAN outages
- Edge analytics mean you don’t need powerful central servers
- Open system architecture allows you to plug into existing VMS, PSIM, or access control platforms
- And false alarms? Reduced to a rare exception — not a daily norm

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In our line of work, there are few luxuries. Time, trust, and attention are finite. Every false alarm chips away at all three.

That’s why MOBOTIX continues to invest in smarter, edge-driven solutions — because **your security system should never cry wolf**.

Ready to quiet the noise and focus on what matters?

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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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