

MOBOTIX Solar Park Solutions

Innovating Perimeter Security and Fire Safety for the Future

Outstanding video technology meets AI to secure your valuable assets.

MOBOTIX offers a pioneering solution tailored for the security and safety needs of solar parks. Understanding the unique challenges faced by solar park operators, MOBOTIX integrates advanced perimeter security with early warning fire protection systems, harnessing the power of cutting-edge video technology and AI to safeguard valuable assets and ensure uninterrupted operation.

Pain Points Addressed



Vulnerability to Vandalism: Solar parks, often located in remote areas, are exposed to risks of damage and theft, exacerbated by lengthy response times for incident resolution.



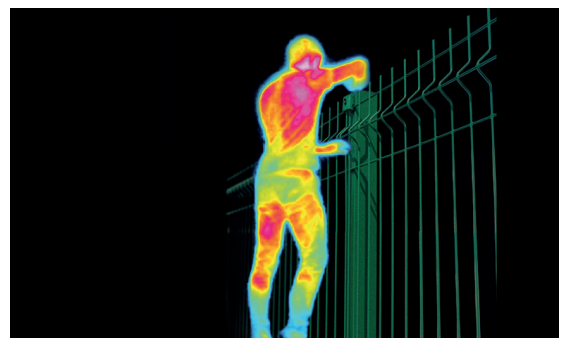
Fire Hazards: The combination of electronic equipment, energy storage systems, and environmental conditions in solar parks introduces significant fire risks, threatening not only financial loss but also safety and compliance.



Infrastructure Constraints: Limited IT infrastructure in remote locations poses challenges for implementing comprehensive security and safety.

MOBOTIX Solution Overview

Perimeter Security: Utilizing dual thermal/optical cameras for long-distance intrusion detection and monitoring, MOBOTIX delivers unparalleled robustness and reliability with 24/7 operation and minimal maintenance requirements. Features like AI-based object detection and automated PTZ (Pan-Tilt-Zoom) camera surveillance significantly reduce the need for extensive IT infrastructure, where bandwidth is only needed when it really counts.



Early Warning Fire Detection: An innovative approach with highly accurate measurement across up to 20 zones indoors and outdoors, MOBOTIX's thermographic technology proactively identifies fire risks before flames or smoke are detected. The system is designed for seamless integration, minimizing false alarms and ensuring rapid response.



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Advantages of MOBOTIX

- **Robust and Reliable:** Industry-leading durability with up to 8 years warranty, including options for ATEX-certified housing suitable for explosive environments.
- **Intelligent Integration:** MOBOTIX solutions are designed for easy and seamless integration into existing systems, offering compatibility with SCADA systems, fire panels, and the MOBOTIX HUB for centralized management of security, safety, and process optimization.
- **Global Support, Local Expertise:** Backed by a global presence, MOBOTIX ensures access to support and knowledge tailored to regional requirements, leveraging an open platform concept for maximum flexibility and scalability.

Why MOBOTIX?

Choosing MOBOTIX means investing in a solution that not only meets the basic needs for security and safety but also offers a scalable platform for integration and innovation. The MOBOTIX HUB, as a central video management platform, exemplifies our vision to bring together all MOBOTIX features, providing a unified, user-friendly interface for comprehensive management independent of the complexity and size of the installation.



References and Success Stories

Our solutions have been implemented globally, offering enhanced security and safety for solar parks across various regions. These success stories highlight the effectiveness of MOBOTIX solutions in mitigating risks, optimizing operational efficiency, and ensuring the longevity and profitability of solarenergy investments.



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