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FIRE DOESN'T START WITH FLAMES. IT STARTS WITH HEAT.

PREVENTIVE THERMAL IMAGE FIRE DETECTION BY MOBOTIX

FM-APPROVED. INDUSTRIAL-READY. MADE IN GERMANY.



2

THE PROBLEM

Traditional fire detection often starts too late.

HEAT BUILDUP	SMOKE	FLAMES	SHUTDOWN
			
MOBOTIX detects here			Traditional detection detects here

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WHY THIS MATTERS

THE BIGGEST COST IS USUALLY NOT THE FIRE.

Industrial operators increasingly invest in prevention, not only detection.



DOWNTIME



PRODUCTION STOP



SUPPLY CHAIN DISRUPTION



INSURANCE IMPACT



REPUTATION RISK



ENVIRONMENTAL DAMAGE

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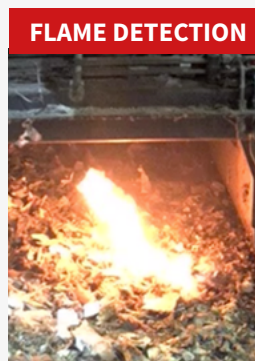
BATTLE ZONE 1

FLAMES ARE ALREADY LATE.

Flame detectors react when combustion is already visible.

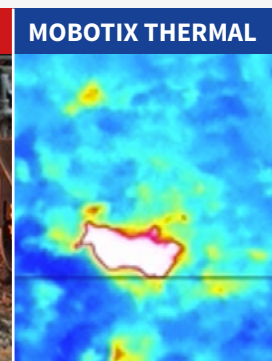
MOBOTIX detects dangerous heat buildup earlier.

FLAME DETECTION



Detects late

MOBOTIX THERMAL



Detects before

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BATTLE ZONE 2

SMOKE IS DIFFICULT TO DETECT OUTDOORS.

Dust, airflow, and large open areas challenge conventional smoke detection.

Thermal monitoring enables defined-area visibility independent of smoke movement.



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BATTLE ZONE 3

THERMAL RUNAWAY STARTS BEFORE SMOKE.

Battery-related thermal events often develop internally before visible combustion occurs.

NORMAL

HEAT BUILDUP

THERMAL RUNAWAY

FIRE



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WHERE WE WIN

STRONG-FIT APPLICATIONS:



WASTE & RECYCLING



BATTERY STORAGE



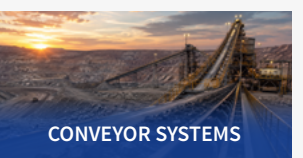
INDUSTRIAL FACILITIES



LOGISTICS & WAREHOUSING



OUTDOOR STORAGE



CONVEYOR SYSTEMS

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WHY MOBOTIX

MORE THAN A THERMAL CAMERA.



Stronger visual verification with optional 4K sensor



Seamless integration into FACP, SCADA & VMS



Reliable in dust, steam & industrial environments



Cybersecure decentralized edge architecture



Scalable & cost-efficient long-term solution



Flexible IP-based platform – Made in Germany



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COMPETITIVE POSITIONING

BUILT FOR INDUSTRIAL RISK VISIBILITY.

- ✓ Stronger operational integration
- ✓ Stronger cybersecurity positioning
- ✓ Simpler IP-native deployment
- ✓ Lower, predictable total costs

vs. TRADITIONAL THERMAL SYSTEMS

- x Complex architectures
- x Less IT integration
- x Limited cybersecurity
- x Less operational visibility



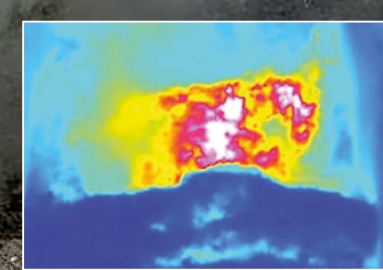
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DETECT HEAT BEFORE ESCALATION STARTS.

MOBOTIX M73 FM BUNDLE – MADE IN GERMANY

PREVENTIVE THERMAL IMAGE FIRE DETECTION. FM-APPROVED. INDUSTRIAL-READY. FUTURE-PROOF.







EARLIER DETECTION



REDUCE DOWNTIME



PROTECT ASSETS



IMPROVE RESILIENCE

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