



Wegmüller Attikon: The risk well packed!

Detect fires as early as possible, reliably minimize false alarms

Wegmüller Attikon is the oldest wood and cardboard packaging manufacturer in Switzerland. The company manufactures special packaging, for example, for trade fairs and medical technology. 15,000 cubic meters of sustainably managed wood are processed yearly for individual export packaging alone.

Challenge - Combustible materials in demanding environments

Wood and cardboard are stored and processed in various ways everywhere on the plant site. This poses a potential fire hazard. The batteries of multiple machines, which give off heat and can overheat, also contribute to this. Monitoring technology must reliably monitor the extensive outdoor area and large warehouses. In addition, Wegmüller Attikon operates three wood chip silos, which, in addition to the fire hazard, have an excessively dusty environment.

Forklifts and trucks move around the site. The aim is to prevent vehicles with hot engines, body parts, and exhaust systems from triggering false alarms during fire protection monitoring.

Solution - Making heat visible- minimizing false alarms

The MOBOTIX Thermal TR and optical cameras with 45° lenses cover large areas and halls with high ceilings. The thermal cameras were calibrated and aligned precisely to the distances by the specialist via the MOBOTIX Professional Service.

In the wood chip silos, the MOBOTIX cameras were equipped with SITRAC air spray housings due to the enormously high dust content. This reliably removes dust from the video systems and ensures the best possible view.

With the Thermal Validation App developed in-house by MOBOTIX, hot mobile heat sources can be filtered out for alarming. This made detecting the forklifts and trucks in the monitored scene possible and significantly reduced the false alarm rate. In addition, reflections of the materials caused by the sun can be detected and filtered out.

Immediate and reliable alerting in the event of fire takes place via SIP call via the telephone system. This ensures fast intervention and the best protection at all times.

Keck data

Industry

Industry & Production

Client

Wegmüller Attikon, Switzerland

Partner

SITRAC, Auslikon, Switzerland

Timeframe

2022

Solutions

3x M16 TR 45 in air spray housing
3x M73 optical 95°
11x M73 TR 45
MOBOTIX Thermal Validation App
1x MOBOTIX NAS 4-Bay
Professional Service
(on-site and remote)



Sicher richtig verpackt.

Conclusion - Detect early, act fast, and be safe!

Security in the plant is established around the clock and on the entire site. The system can be accessed at any time. The customer and MOBOTIX partner also have a MOBOTIX specialist via the Professional Service and thus additional security since the fire protection system is checked several times. This provides safety and the necessary freedom for carefree and successful work with the highest precision, just as customers expect from Wegmüller.

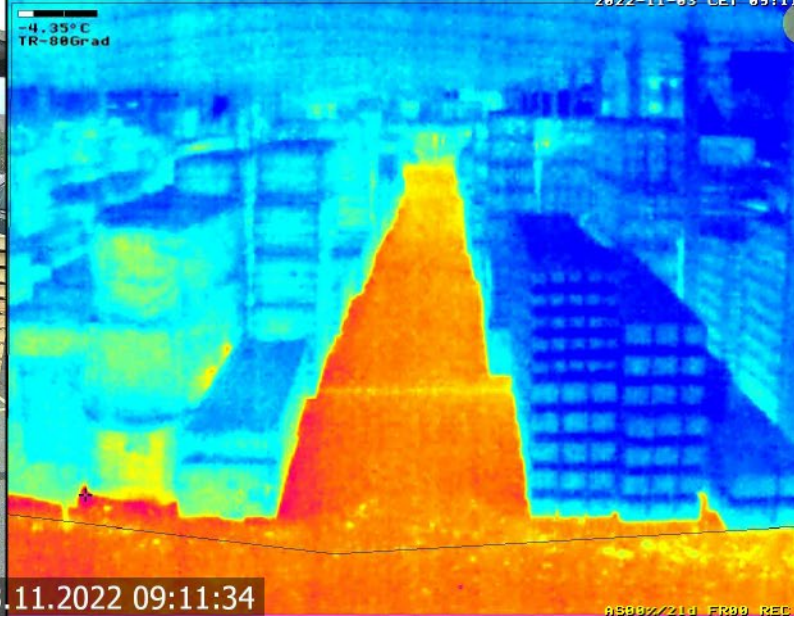
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Quality, precision, and safety are key corporate values for us, which we also apply to the fire protection of our site. All the more reason for us to be delighted with the interaction with Andreas Cecon from MOBOTIX partner Sitrac and Maik Ceiler, who was responsible for MOBOTIX Professional Service.

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Marc Wegmüller, Wegmüller Attikon

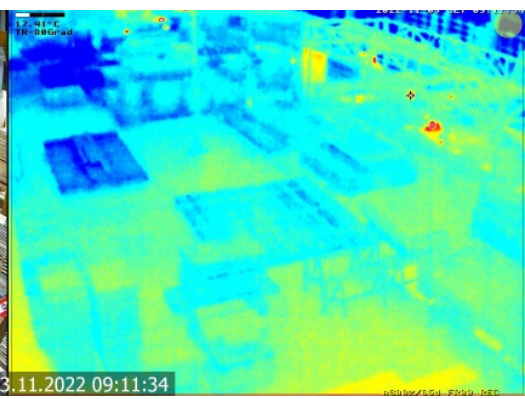




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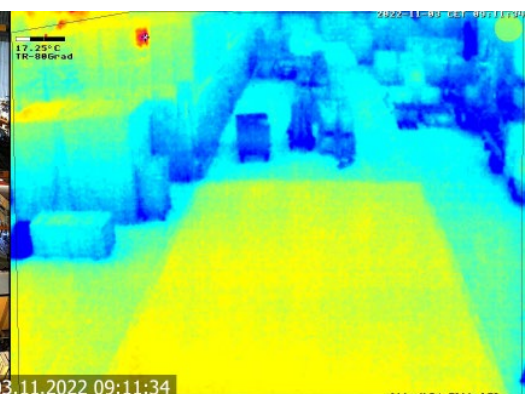


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