



Full Throttle for Safety!

Interior and exterior, day and night — get the best overview with MOBOTIX video systems

The Kempe Group employs a total of 120 staff and operates 42 gas stations, mostly in northern Bavaria, Germany. These include 16 of Kempe's own ELO truck stops and car washes.

Challenge: Monitoring Theft

Every so often, fuel would be stolen without there being conclusive evidence to initiate criminal prosecution because the footage captured by the security cameras was not clear enough. Furthermore, sometimes customers would claim their vehicle had been damaged in a car wash. These problems had been increasing in recent years and Kempe's management was desperately keen to find a solution.

Solution: GDPR-Compliant Cybersecure Monitoring

Elektro-Schäfer GmbH has been helping the Kempe Group with its IT and telecommunications for around ten years now. Schäfer worked closely with the electrical wholesaler Sonepar and MOBOTIX on-site to develop a solution capable of providing comprehensive yet customized protection for each Kempe site, whether it's a gas station or a car wash. The forecourt convenience store and cash registers are also monitored with MOBOTIX cameras.

The solution includes a series of MOBOTIX M73 cameras. Thanks to the three built-in modules, the IR emitter module and the long pass filter can be used to detect vehicle license plates even at night and when lit from behind. The close collaboration with Elektro-Schäfer makes the entire process from carrying out a need analysis and providing a quotation through to delivery of the final product fast and efficient. The solution was installed in one to three days depending on the size of the station, which can stay open during that time.

The MOBOTIX solution is hassle-free, 100% GDPR-compliant and extremely cybersecure, because the data collected is only stored securely on the camera for a limited time. This prevents data abuse of the images or videos that could be accessed via the network.

Key Data

Sector

Transport and Mobility

Customer

Kempe GmbH & Co
ELO-Mineralöl KG

Partner

Elektro Schäfer GmbH
Sonepar

Time frame

2022

Solutions

MOBOTIX M16, M26, c26, v26



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Each gas station is its very own little universes where all the individual components need to complement each other perfectly. The different local conditions (market environment, customer structure) give rise to differing requirements — but all of these can be fully satisfied with MOBOTIX video systems, to the complete safety of our customers and employees.

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Roland Köhler, Kempe Gruppe

The solution uses four different MOBOTIX cameras (M16, M26, c26 and v26 IP). The day/night function, wide-angle lenses, infrared sensors and various other sensor modules ensure razor-sharp, 360-degree monitoring night and day, during and outside opening hours. The high image resolution ensures accurate detection of license plates and people, as well as the vehicle condition before and after using the car wash — even when lit from behind or in the dark. Video and images from the cameras can also be used by the authorities for bringing prosecution as part of criminal investigations. This makes it possible to report individuals who steal fuel or do not pay for the services they use.

Conclusion: All-Round Protection — Interior and Exterior, Day and Night

“Saving time is just one of many benefits of the MOBOTIX video surveillance solution at our stations. The marked decline in incidents is encouraging. Our employees feel safe and individuals who steal fuel or do not pay for the services they use can be prosecuted effectively. The number of insurance claims on car washes has gone down too, so all the challenges we used to face have now been completely solved. All-round visibility and protection — day and night!” says Roland Köhler from the Kempe Group summarizing the advantages of the MOBOTIX video system, which is also being used at Kempe’s other gas stations in a similar way.



