

Port of Moerdijk

Streamlining port security with unification



Name

Port of Moerdijk

Industries

Transportation

Location

Moerdijk, Netherlands

Products

Security Center, Mission Control, KiwiVision



Port of Moerdijk optimizes security incident management using Genetec Security Center

Port of Moerdijk operates, manages, and develops an expansive seaport and industrial zone in the Netherlands. This large-scale logistics provider helps connect port and industrial operations with organizations across Europe. The Port of Moerdijk is also considered one of the safest harbor sites in the Netherlands. Over 400 companies and nearly 20,000 people work within the Port. Both innovation and safety are paramount across the business.

Centralizing port security in one unified view

The Moerdijk Harbour Company is responsible for managing the security of the port. The company works with other businesses within the Port of Moerdijk to ensure safety and security across all activities and areas.

The security control center, known as the 'HMCC', is located on the port authority's premises. From there, operators closely monitor all nautical and any other traffic movements using video cameras and numerous sensors, including smartphone detection. Genetec™ Security Center is the core platform that helps them monitor all events from one intuitive interface. The unified security platform also links to harbor-specific applications such as Shiplogic.

According to Remco Hobbelen, IT manager of Port of Moerdijk: "All of the traffic that enters our site through our green perimeter is monitored by smart video cameras. Our video surveillance is

automated with Genetec KiwiVison™ video analytics. This sends us immediate alerts based on the data captured by the cameras, which helps our security team act swiftly. In addition, we've created a blind spot plan to monitor areas that are out of bounds. For a few zones that are not within camera reach, we're deploying smartphone and Bluetooth recognition. Furthermore, we're also using automatic license plate recognition, smell sensors, and vehicle weighing technologies."

Optimizing the management of physical security data

Port of Moerdijk integrates the data generated by different business sensors and tools within Genetec Security Center, and plans to expand this to further enhance security.

"Genetec Security Center is essential to managing all of the security data we're generating," said Gijs-Jan Schüssler, Harbour Manager and Port Security Officer. "With all the smart sensors we're using and the increasing amount of devices and systems we have, our people can quickly be overwhelmed by data. That can make it hard to identify the real threats among the hundreds of incidents happening. However, with Genetec Security Center, our operators running surveillance services have full visibility and understanding of the security situation. This allows them to take action or share information with our public partners as quickly as possible in the event of a more pressing incident."

Enhancing incident response with Genetec Mission Control

The Port of Moerdijk also uses Genetec Mission Control™. This decision management system alerts operators to incidents on a map and helps them quickly understand the appropriate course of action needed. This ensures the Port of Moerdijk can further enhance the response coordination between stakeholders and resolve incidents quickly. They can also strengthen collaboration with police, fire brigade, public safety officers, and other chain partners.

“To further optimize our security landscape, we’ve designed as many incident scenarios as possible in close cooperation with our IT peers and created guided response protocols for those scenarios,” said Gijs-Jan Schüssler. “This approach helped us identify areas for improvement and enhance data unification even further.”

Thanks to the close cooperation between IT and Security at Port of Moerdijk, the company has bridged valuable expertise and skills from both sides. This has resulted in more effective risk mitigation and data optimization.

“We are in the process of merging all physical security data with IT and have completed the operational technology elements so far. A lot of effort was recently put into connecting data sources and we are now reaping the benefits. Our final goal is for everyone working to perform all of their tasks within the Genetec Security Center platform— from receiving alerts and informing involved companies and third parties to managing and responding to incidents,” explained Remco Hobbelen.



Remaining agile despite evolving port risks

Looking ahead, the Port of Moerdijk is planning to further expand the use of technologies and develop more incident scenarios with the help of Genetec experts.

“In terms of threats and priorities, a lot has changed recently. Fortunately, the Genetec platform can support many types of analytics and sensors. These include drones, mobile detection, weighing and counting loops, and even innovative cameras that can detect objects at far distances. Genetec Security Center is also flexible and adaptable to changing threats such as subversion threats, trespassers, drug trafficking, and antisocial behavior. This provides the ongoing security and flexibility we need,” concluded Gijs-Jan Schüssler.

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