

BRINGING SEAPORT SECURITY TO THE NEXT LEVEL

Did you know? Nedap Identification Systems offers innovative vehicle identification systems for seaport security. This technology provides seamless monitoring of vehicle and driver activities in and around secured areas and facilities such as sea ports and terminals.

Ship and Port Facility Security

With the introduction of the ISPS Code (International Ship and Port Facility Security Code) in 2004, seaports need to comply with increased security regulations. Access to secured areas and facilities should be controlled at any time to prevent access of unauthorized people and vehicles. For that reason all employees and contractors on the port facilities wear a personal ID badge and vehicles are equipped with a transponder. ISPS is a comprehensive regulation that was implemented after 11th of September 2001 on insist of the USA as supplement to the international ship security contracts (SOLAS). The content of the ISPS Code demands for the port management and all companies on the port premises to comply with strict person and vehicle access control for the entire port premises and additionally demands for extra security measures for security related installations on the port.

Monitoring of truck and driver activities

In the context of the International Ship and Port Facility Security (ISPS) Code, Nedap offers innovative solutions for seamless monitoring of all truck and driver activities. For example Nedap automates the process of identifying trucks and containers at sea ports and terminals when these passing pass through the facility access points. This includes fast and highly reliable truck identification at entry and exit points.

TRANSIT RFID solutions

This automatic vehicle identification (AVI) solution is based on Nedap TRANSIT products. The TRANSIT Standard is an extremely robust long-range reader, based on semi active RFID technology (2.45 GHz band), which enables automatic vehicle identification up to distances of 10 m (33 ft) and speeds up to 200 km/h (125 mph). Vehicles are equipped with the Nedap RFID tags.



Booster 2G

The Booster is a patented solution for combined vehicle and driver identification. It is an in-vehicle transponder that contains a unique vehicle identification number, but is also a card reader that reads the driver's personal identification card up to distances of 10 meters.

Heavy Duty Tag

For operations under impactful environmental conditions, the Heavy Duty Tag is durable tags for vehicle identification up to 10 meters. This tag is ideal for tamperproof mounting on the exterior of vehicles and other equipment.

With TRANSIT solutions Nedap Identification System further simplifies fleet management in sea ports. This identification technology is also used for applications in oil and gas, mining, chemical and dry product industries. TRANSIT improves the level of security and operational efficiency by offering simultaneous identification of both the vehicle and the driver. Benefits also include controlling access for vehicles which are commonly driven by many different drivers.