

Anti-Collision for Rail Mounted Gantry Cranes

Major Container Terminal in Hong Kong, China

Application

- Distances between four Rail Mounted Gantry Cranes (RMGs) operating in one container block are measured
- Collision warning signals are provided in case of forbidden approaches between adjacent RMGs
- Retrofit stand-alone solution
- Heavy weather conditions (e.g. frequent fog)

Achievements

- Four RMGs equipped with Symeo LPR-1DXi® sensors
- Easy on-site commissioning and configuration of warning and stop zones
- LPR-1DXi® sensors provide integrated relay signals
- No operational incidents since implementation of Symeo LPR® based solution
- Uninterrupted and maintenance-free operation of the anti-collision system since installation

