

Cargo routing and tracking Automation Maritime automation encompasses robotic port cranes, autonomous guided vehicles, and advanced bridge systems that minimize human intervention. ...

This report provides an overview of the current state of automation in container ports. It shows which terminal activities have been automated in different ports and which additional activities might be ...

With the new Tuas Port, opened in 2022, Singapore is building what will become the largest fully automated container terminal in the world. The port uses real-time vessel tracking and dynamic berth ...

By analyzing these pertinent topics under the scope of a review of container-terminal case studies, and these ports" respective contexts, this paper seeks to identify pioneering smart seaports in the fields of ...

Spain's Bilbao Port Authority has awarded an EUR-11.5-million (USD 13.3m) contract for the construction, operation and maintenance of four solar photovoltaic plants to supply renewable ...

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Dive into the future of maritime logistics! Explore 6 essential port technologies like IoT, 5G, and robotics that are transforming port operations for efficiency and safety

This literature review aims to explore the latest research and technological progress of smart container port developments in three aspects: port data acquisition, intelligent and automation ...

Further north, at the Port of Tallinn, an automated mooring solution is just one project on the agenda for the Estonian port. With prodigious potential in the container terminal sector, the port authority and ...

APM Terminals Valencia is embarking on an ambitious solar energy project as part of APM Terminals" ambition to be carbon neutral by 2040. This initiative underscores the company"s ...

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