KEY BENEFITS

▷ Process automation for higher productivity and optimum profitability
▷ Integrated systems for improved situational awareness
▷ Efficient risk analysis and decision-support for improved traffic and threat management

PROTECTION SYSTEMS

Port Vessel Traffic Management and Port Security for improved traffic, safety & security
Ports are facing growing safety & security issues with higher traffic flows, bigger ships to handle, an increase in pollution incidents and security challenges such as theft, illegal immigration, smuggling and potential terror attacks.

Port authorities are responsible for managing sensitive areas (shipping channels, terminals, storage zones and critical assets) as well as flows of people (employees, crews and passengers) to prevent accidents and reduce vulnerability to theft, trafficking and attack.

CUSTOMER NEEDS

- Improve situational awareness in high-density traffic to safeguard military and civil vessels, vehicles, containers and people
- Analyse information more quickly and more effectively for better risk analysis and faster decision-making
- Ensure business continuity and prevent accidents to drive continuous improvement in business performance

THALES ANSWER

As a leading systems architect and integrator for naval and maritime markets, Thales proposes turnkey Port Vessel Traffic Management systems and a comprehensive systems approach to Port Security. Thales solutions draw extensively on COTS hardware and software, bringing port authorities the benefits of the latest technologies and products. Thales’s added value is based on its unique ability to address both shore-based and maritime operations through a fully integrated solution built within an open architecture.

Thales proposes flexibly designed, fully integrated solutions encompassing:

- **Sensors** including radars, AIS, sonars, CCTV and optronics, meteorological stations, smart fences and access control systems
- **C2I applications** delivering sensors data fusion, maritime and land picture, abnormal behaviour detection, operations management and resource management
- **Centralised supervision** of integrated safety & security systems such as screening, access control and vehicle management
- **External systems and software** such as ship databases, port community systems and intelligence databases

Thales solutions are built around an open architecture for easy integration of legacy systems and components and guaranteed growth and development potential. Thales works to the highest standards of project management and offers a complete range of training, maintenance and customer support services to ensure efficient operation and guarantee performance throughout the system life-cycle.