

Port Security

PROTECTING INTERNATIONAL COMMERCE

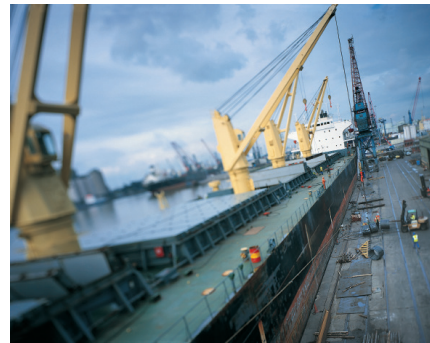
With thousands of shipping containers, automobiles, and other cargo from overseas suppliers being offloaded daily, maritime commercial facilities present a complex security challenge. Site administrators must facilitate the nearly constant movement of local transportation workers on and off port installations, which can house acres of lay down area, multiple piers, and on-dock rail lines. Further compounding security concerns, seaports are also border entry points for foreign ship workers.

Using sophisticated access control technology, the StarWatch™ SMS platform protects personnel and cargo-handling infrastructure via the optimization of credential management procedures.

SYSTEM FEATURES

- Efficiently processes high volume traffic, with provisions for both on-site personnel and visitors
- Customized reporting and instant notification of system events
- Full integration with TWICs and other credential program requirements
- Open architecture design enables interface with intrusion detection and video surveillance devices
- Expandable to multi-port, Enterprise-class operations

In a typical configuration, guards stationed at multiple entry control points use wireless mobile devices to scan ID cards as people enter and exit port zones. StarWatch instantly indicates whether a card is valid for entry at a location, while automatically logging where and when specific individuals have been processed.



The StarWatch SMS technology suite offers a wide range of port security solutions, including full integration with existing credential programs and requirements

System operators can easily track the movement of individuals and create customized, multi-layer reports displaying access control events and trends.





ADVANCED TWIC INTERFACE

Critical to port requirements, StarWatch also provides a seamless interface to the transportation workers identification credential (TWIC) program. This security measure was established by Congress to ensure that unauthorized individuals do not gain unescorted access to the nation's maritime transportation systems.

TWIC cards are inspected via a fully integrated, mobile verification system



As personnel arrive on-site, they must provide their assigned tamper-resistant, biometric credential card, which is presented to a mobile reader and validated via an external database. Verification is accomplished through an accredited validation platform, ensuring that the credential and the cardholder are a match through PIN entry and encoded biometric information.



StarWatch provides users with the unique opportunity to merge security functionality with Building Automation Systems (BAS). With built-in BACnet® compliance, the platform offers a level of device interoperability previously unavailable in the physical security market, allowing building managers to reduce energy consumption by associating access/secure activity to BAS, including heating/cooling and lighting.

TECHNOLOGY INTEGRATION

StarWatch systems can easily be expanded to protect port operations with any combination of connected security devices. An open architecture approach allows for the seamless incorporation of 3rd-party technology suites, including video management, perimeter intrusion detection, CBRN threat management, and gate operations complete with lane peripherals.



StarWatch SMS solutions are designed to facilitate future expansion, enabling system users to easily address their evolving security requirements

Data received from devices is made intelligent using powerful configuration algorithms that directly connect to streaming video, notification and analysis packages, and automated e-mail operations. StarWatch is also capable of interfacing with standardized information, including passport and driver's license numbers, terrorist watch lists, and other U.S. Customs and Border Protection databases. In a full Enterprise-class system, multiple ports can be linked to a command and control facility, creating a centralized security environment.

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