

# Gangway Access and Muster Control Systems



# GangwayControl System

VingCard Marine's GangwayControl System is a secure and flexible method of storing crew, passenger and visitor data and providing real time status reports of who is on board and ashore, as required by the ISPS regulations for passenger and merchant vessels.

The GangwayControl is set up at the gangway or other suitable location. The system comprises of a:

- Laptop PC
- GangwayControl software
- Camera
- Card scanner
- Card printer and encoder
- 200 blank cards
- Colour ribbon

Crew, passengers and visitors are registered in the system and an identification card is issued with the person's photograph and a unique ID, which is stored as a printed bar code, encoded magnetic stripe or programmed RFID chip.

Real time status reports can be seen on any PC on the ship's network and shore side offices can monitor the ship's status on the internet. Advanced screen menus are available, including GangwayControl, Ship Status and Personal Information reports.

The customer can interface their own database, e.g. Microsoft SQL, Sybase, Oracle, etc. The hardware is common Windows and PC compatible devices, e.g. USB Web camera and COM Port scanners.

The GangwayControl System is easy to operate and maintain, using well known platforms. The System can be very simple or advanced, depending on the vessel's requirements. The mandatory software is Windows 2000/2003 and XP compatible. The basic System requires one license per work station (client version) and one license for the database server (server version), which must be renewed annually. The software can be installed on multiple PCs, according to the license agreement.

The system can be integrated through interfaces with VingCard Key, VingCard Mustering, PMS and POS systems.



GangwayControl equipment



GangwayControl main screen



GangwayControl check in screen



GangwayControl boarding status screen



MusterControl registration

# MusterControl System

A System using wireless scanners for registration and real time tracking of persons at muster stations during safety drills and emergencies.

The operator scans the ID card or cabin key of each person. If the card is missing there is an option for manual selection.

The scanner has the full list of all crew and passengers on board with picture ID (optional), their respective cabin number and muster station number.

If a person meets up at the wrong station or life boat the correct location will be displayed on the scanner. For emergencies there is a choice to accept registration wherever a person presents themselves.

Multiple muster station scanners may be connected to the ship's network on a central computer and the scanners are synchronised using Microsoft Active Sync. Reports are generated to show persons who attended mustering and those who did not meet up.

MusterControl may use ID cards with RFID, bar code or magnetic stripe.

The rough scanner is classified IP64 and built to withstand drops from 1.5 metres.



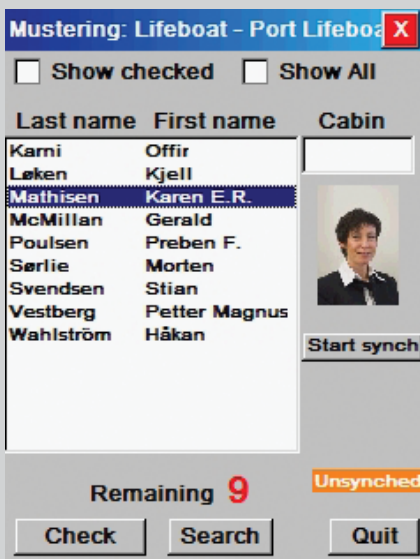
MusterControl scanner



MusterControl main screen



MusterControl ID cards



MusterControl screen shot

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