



# BLACK BOX<sup>®</sup>

## NETWORK SERVICES



*Thanks to Black Box and the ServSwitch Multi, the Finnish Frontier Guard is able to monitor weather, location and situation of ships at sea, and radio and telephone communications in the Gulf of Finland.*

### Industry: Coast Guard

**Frontier Guard, Gulf of Finland Coast Guard District**

**Project: Installation at a high-tech command center**

**Major Challenge: Finding the right solution that enables command center guards to view multiple audio and video links and control monitor displays**

#### To see what's at sea.

The Frontier Guard, Gulf of Finland Coast Guard District moved into a new high-tech command center with some help from Black Box. Duty officers need to monitor weather charts, locations and situations of units at sea, and radio and telephone communications. This means monitoring multiple audio and video links, and giving each member of staff the ability to control displays.

#### ServSwitch and the shipping news.

Black Box came up with an advanced switching solution using the ServSwitch Multi™. This keyboard/video/mouse switch enables the connection of multiple CPUs to one keyboard, monitor, and mouse.

There are at least three panel displays, a keyboard, and a mouse at every desk. Some desks also have an additional matrix of four display panels for monitoring radio broadcasts. For safety, the CPUs are in a separate, locked location about 100 meters away.

There are also video projectors and a large wall display consisting of six background projection cubes. When necessary, the wall display can be used as a single display or as multiple displays. There are nearly 40 display units in the system. With one glance, everyone in the guard duty room can see which ships are on the move.

***"This was not a 'mold' solution that comes straight from the warehouse shelf. Everyone was committed to a well-designed solution, not just an easy, fast-delivered one. That's why it has been such a pleasure to work with all the people at Black Box. And best of all, the final result is just what we were looking for!"***

*Petteri Leppänen, Lieutenant Commander, Frontier Guard, Gulf of Finland Coast Guard District*