



# SUCCESS STORY

## FREUDENBERG IT LETS MTC HAMBURG SET SAIL WITH INFRASTRUCTURE CONSULTING



### High-Tech Ship Simulator and More

MTC Marine Training Center Hamburg GmbH, operator of one of the most modern shiphandling simulators for maritime training, depends on infrastructure consulting from Freudenberg IT (FIT). The IT service provider provides the entire IT infrastructure, from server management and connectivity with diverse networks (LAN, WAN, VPN, mobile) to complete IT asset management and on-site client service.

During the construction of one of the world's largest training centers for captains, navigators, and marine engineers in Stellingen (Hamburg), Freudenberg IT organized the complete cabling of the building and designed the entire IT infrastructure – from domain controllers (mail, file, and proxy) to databases, software distribution, and mobile access via UMTS and WLAN. Furthermore, the IT service provider was in charge of complete server management, including IT asset management. The company received a highly available standardized IT system environment and could fully optimize the purchase and administration of all hardware, peripheral devices, software and licenses, thereby reducing costs.

On-site PC client service rounded out the full-service infrastructure consulting at MTC Hamburg. In this project, Freudenberg IT supported the training center in the mapping and administration of all installation and operating processes for the client environment, including mobile end devices and notebooks. This included, for example, the regular and automated modification

and distribution of software packages, as well as real-time provisioning of anti-virus signatures. On-site service also included taking care of the relocation of individual users, carrying out hardware repairs, and serving as the specialist interface to a variety of hardware suppliers.

The heart of the center is an ultra-modern shiphandling and engine simulator that can represent various bodies of water and harbors for practical training. *“The infrastructure consulting that we provided to the Marine Training Center was complex and multilayered. We managed to fully satisfy the high demands for application and process expertise that are required in the shipping industry,”* explains Hartmut Willebrand, Regional Manager for Freudenberg IT in Hamburg. The IT expert believes that the local presence on site, as well as the comprehensive service offering that rounded out their consulting services, were decisive factors in this regard.

*"Freudenberg IT's team provided outstanding consulting that met all of our needs, and they were with us the whole way, from planning the cabling to installing all of the hardware and software. Our IT infrastructure now reflects the highest technological standards. As a training center for ship-handling, radar, and engine simulation, we will be able to impart these standards to numerous maritime personnel in the world's third-largest marine shipping area,"* says Heinz Kuhlmann, Managing Director of MTC Marine Training Center Hamburg GmbH.

### **About MTC Marine Training Center Hamburg GmbH**

With MTC Marine Training Center Hamburg GmbH, the Hanseatic city of Hamburg will receive a new, modern training and education center for captains, pilots, and marine engineers in 2009. In addition to shiphandling and radar simulators, there will also be an engine simulator, a simulator for communication training for navigators (GMDSS), and a simulator for training tanker, gas tanker, and LNG specialists. Furthermore, practical hands-on courses for diesel motors will be offered in MAN Diesel's comprehensive training center.

Shareholders of the Marine Training Center are the shipping companies Rickmers Reederei and Orion Bulklers, as well as crew manager/personnel service provider Marlow Navigation. Additional shareholders are MAN Diesel from the shipping industry; the classification society Germanischer Lloyd; the Elbe, Port of Hamburg, and Kiel Canal pilots' associations; the Hafen Hamburg e.V. (FZH) training center; and a few private investors, as well as SAM Electronics as a cooperation partner.

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