

Water, Road, and Rail

How an intelligent network transformed The Port of Hamburg.

The Port of Hamburg is one of the largest attractions in Germany—a vibrant, industrious logistics center. In order to increase efficiency and productivity, Hamburg Port Authority (HPA) decided to consolidate four separate infrastructures over one network. This decision earned HPA 1st prize in the 2011 eGovernment competition for ‘Germany’s Best Modernization Program.’

The Problem

The HPA was trying to use 4 separate network systems for its logistical operations:



Radar



Rail



Telephony



IT Systems

These non-consolidated infrastructures created communications problems between HPA's 1,800 employees and hindered overall efficiency.

The Solution



HPA unified the four separate infrastructures over one network to simplify operations and reduce costs.



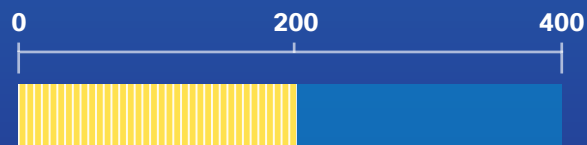
IT-supported traffic management, collaboration, and video teleconferencing all run on one system to speed decision making



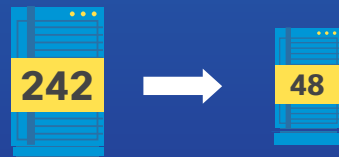
Mobile working through embedded WLAN technology to enhance communications in the field.

The Results

Number of network management components were cut in half



HPA runs its unified structure on 48 servers instead of 242



Operational costs will be reduced 70% over the next 7 years



The port is on track to more than **DOUBLE** its capacity by 2025

