

New VTS at the harbour Antwerp

Kornwestheim, November, 2007 – A Radar Video Network of in-innovative navigation GmbH integrates information by MultiSensorTracking for optimal representation in the control centre of the harbour Antwerp, Belgium.



Figure 1: Harbour Antwerp and radar tower

The new VTS system of Belgiums biggest harbour is based on vessel traffic surveillance (VTS) modules of in-innovative navigation GmbH. VTS Antwerp consists of 6 big radars, mounted on towers with 50 meters height.

A radar video network of in-innovative navigation GmbH processes radar signals and provides data transmission as well as archiving of raw radar data.

Leading edge tracking technology solves the demanding target tracking problem inside of a harbour. The tracking is performed in a hot-standby configuration with two independent processing chains.

MultiSensorTracking assures unequivocal and fast integration of all incoming sensor information.

Project summary

Time frame	October 2006 – June 2007
Customer	Barco Orthogon GmbH, Germany
Scope of delivery	Complete radar data processing, highly available tracking functionality (by radar and AIS), redundant multi sensor tracking with data from 6 radar scanners and AIS network
Eligibility criterion	Selection was based on the professional competence of the company in-innovative navigation GmbH, as well as the reliable performance features of the hard and software delivered