AISrouter
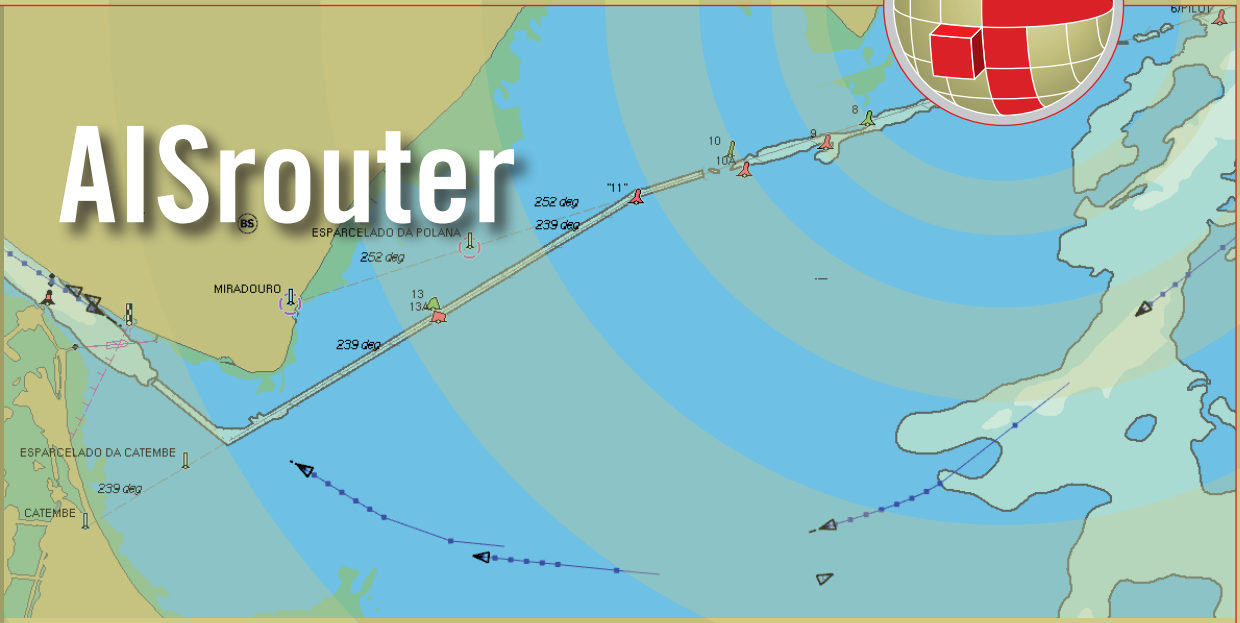
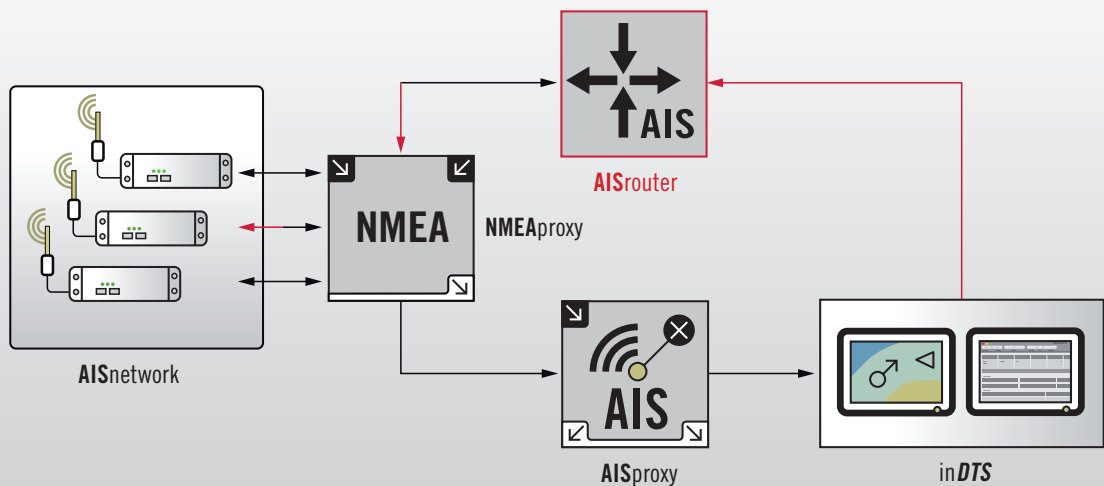provides the most efficient way for AIS data transfer

In AIS networks with several base stations, the **AISrouter** ensures that AIS data are forwarded from land to ship using the most efficient way possible.
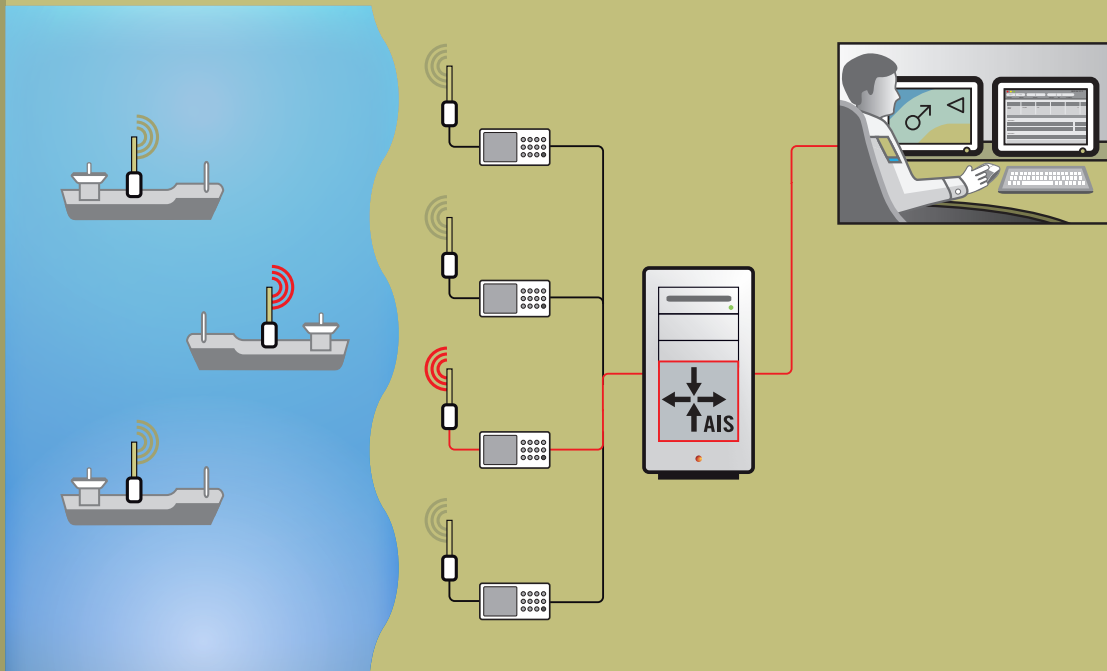
The **AISrouter** serves as cross point in order to transmit dynamically for each AIS message via appropriate base station. Thereby, it reduces the number of messages being forwarded by removing doublets. Thus, a minimum of bandwidth on air is necessary.

To determine the best land-to-ship transmission AIS traffic in the network is evaluated and information is extracted about vessels and their destination MMSI.

AISrouter can receive data of any connected base station with a TCP/IP interface, transponder with an NMEA interface, AIS proxy or NMEA proxy. NMEA proxy defines which base station should transmit the message to reach the correct transponder.

Sample configuration of AISrouter

AISnetwork · NMEA · **NMEA**proxy · **AIS**router · **AIS**proxy · in**DTS**

A product of **innovative navigation**

Function

Highlights

- *Most reliable and efficient transmission of AIS messages to the ship*
- *Significant reduction of AIS data transmitted*

- *Dynamic selection of available interface*
- *SNMP supervision*
- *Platform independent (LINUX, Windows)*

in/ innovative
navigation GmbH

further information about recent developments of innovative navigation systems can be found on the homepage:
www.innovative-navigation.de

in-innovative navigation GmbH
Leibnizstraße 11
D-70806 Kornwestheim (Germany)
phone: +49 (0) 71 54 / 807-150
fax: +49 (0) 71 54 / 807-154
email: info@innovative-navigation.de