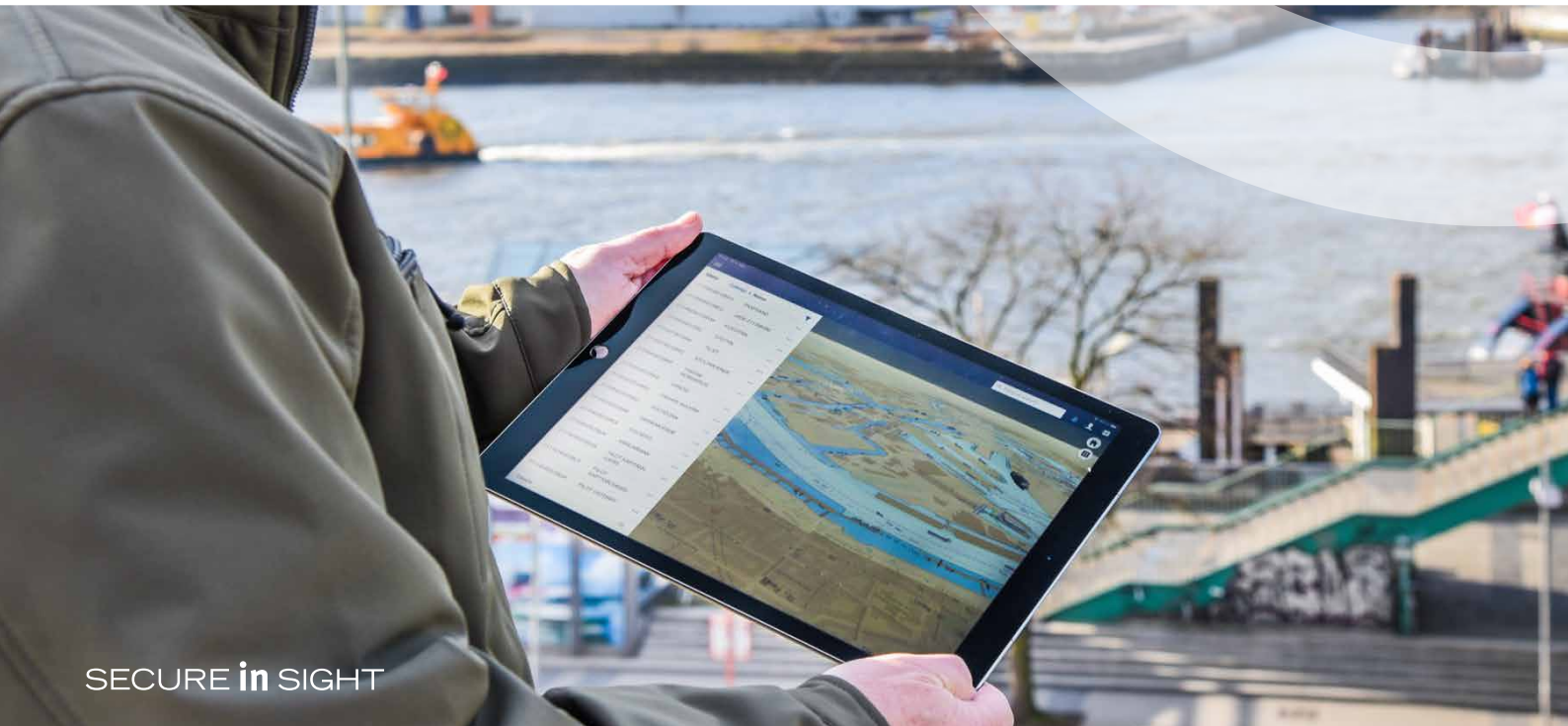# inDTSmobile

The whole traffic image wherever you are

inDTSmobile – available as app

This application opens up completely new possibilities for traffic monitoring and management, and communication between traffic centres, pilots or other mobile forces. inDTSmobile, which was specifically designed for mobile devices, is able to show both the exact own ship's position as well as all positions of surrounding vessels on a official nautical chart. All available information on other ships is also shown in a tabular list. The highly adaptable application can be used by pilots, for example, to display planned voyages for navigation on difficult stretches of rivers and waterways.
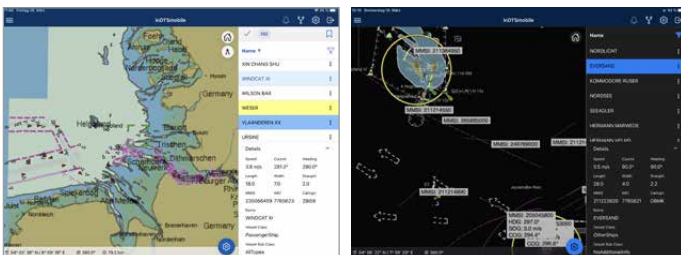
Additional maps, radar video, tide, and weather data can be displayed as additional layers on top of the nautical charts. When the application is connected to the control centre and the central data base, it is possible to modify data with respect to the current traffic situation, therefore, missions can be coordinated effectively.

To use inDTSmobile, it is necessary to be connected to the backend of a VTS system provided by in-innovative navigation GmbH.

The app offers many functionalities like the proven VTS display inDTS, thus the operation is intuitive. Since inDTSmobile is available on a smartphone or tablet, it can easily be used on the road by employees of port authorities, traffic control centres or water police.
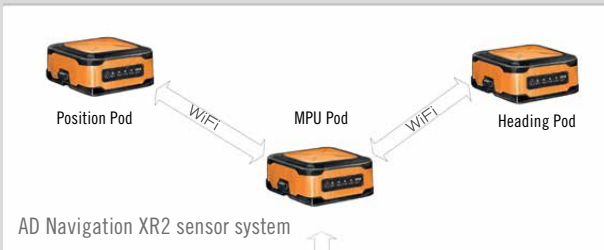
A 3-D view provides a realistic representation of the planned route. Even live video from cameras integrated into the VTS system can be easily accessed just using a tablet or smartphone.

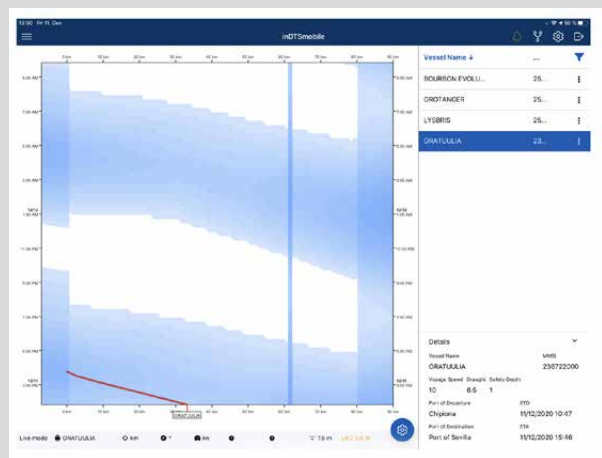◄ Different colour schemes allow adapting the display to the environmental light conditions outside or inside

A product of **innovative navigation**

inDTSmobile for example as TRIP MONITOR used by pilots

Position Pod   WiFi   MPU Pod   WiFi   Heading Pod

AD Navigation XR2 sensor system

WiFi

iPad wit Navigation Software

Ruggedized
Apple
iPad Pro 11"

← running →

SevenCs Orca Pilot X   inDTSmobile TRIP MONITOR

▲ Wireless PPU sensor pods attached to the railing deliver the exact position, heading, speed, ROT and AIS data to an iPad or tablet.

◄ Two different PPU modes (Portable Pilot Unit) are available – either as classical navigation chart display or as TRIP MONITOR

▲ The iPad has a ruggedized case with a handle and can either be placed on the bridge or held by the pilot, for example when mooring.

▲ The unique TRIP MONITOR provides the current voyage according to the current tide estimate on a tide-dependent voyage.

Highlights

- iOS and Android app for mobile devices
- Vessel traffic on a live map and in a table view
- Different colour schemes for different light conditions
- Extended vessel and voyage data from inVTS database
- Alarms and warnings generated by inVTS Traffic Analysis System (TAS)
- Detailed information about traffic signs and other map elements

- Customized track display with respect to vessel features like dangerous cargo Colour coded display of table content
- Display of routes, warning areas and corridors
- Indication of depth contours and tide forecasts
- Use on portable pilot units (PPUs)
- TRIP MONITOR for planned voyages through difficult waterway sections
- Traffic picture in 3-D view
- Easy connect to the VTS system

Further information about recent developments on:
www.innovative-navigation.de

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