







Inland ENC applications developed by Periskal



Periskal at a glance

- Software company, head office Belgium, sister companies in Serbia, Rumania and Ukraine
- Since 1990, focus on Inland ECDIS systems and RIS technology,
 5000 customers in Europe, 32 employees
- Main products/core business:
 - Inland ECDIS Viewer and Periskal Radar Overlay
 - Production of IENCs
 - Software components for River Information Services
 - Hardware components & complete AIS Base Stations networks

Certified:

- DNV ISO 9001 -2008
- DNV ISO 14001
- Microsoft Silver Partner









Recent developments in the field of RIS In Europe

– Shore applications:

software / hardware / infrastructure
Mainly EU financed or co-financed projects

– Ship applications:

Mainly private investments by ship owners Equipment programs launched by authorities









Main projects

RIS France – VNF

- Equipment of Vessels (15 Information Mode and 5 Navigation Mode)
- Installation of AIS Base station network (12 AIS BS)
- Setting up and architecture of RIS centre (Web-Based T&T Applications)

RISSerbia

- Equipment of Vessels (Information Mode and Navigation Mode)
- Installation of AIS Base station network (15 AIS BS)
- Setting up and architecture of RIS centre
 - AIS Tracking & tracing software components
 - ERI, International Data Exchange
 - Notice to Skipper
 - DGPS Monitoring
 - Inland ECDIS, D4D, Lock management, Hull Database

BulRIS

Setting up of Web-Based and Client T&T Applications









Main projects

RISING

- Development of a Web Based Route Module
- Development of Lock Planning Application

ENC Flanders

Production of IENC of Class IV and upper for the authorities

ENC France

 Training of the Cartography Department of Voies Navigables de France for the production of the official French IENC









Installation of AIS BS in Serbia













Installation of AIS BS in Serbia











Installation of AIS BS in Serbia





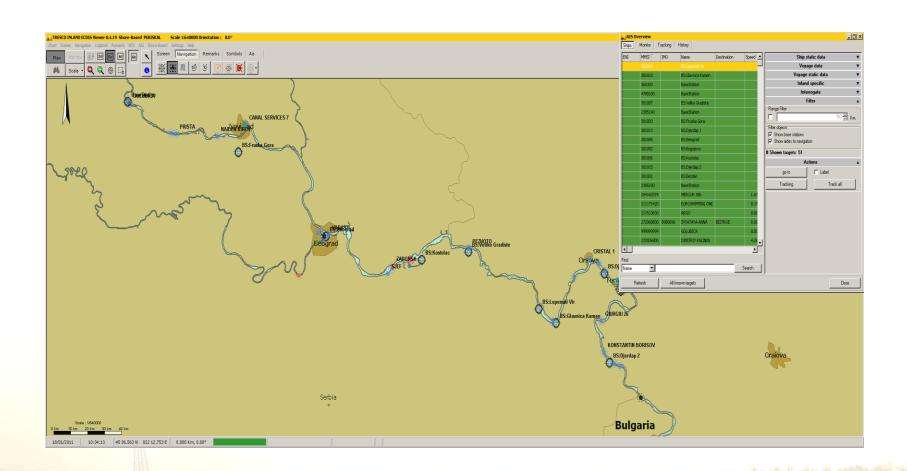








Inland ECDIS Viewer - Shore Based



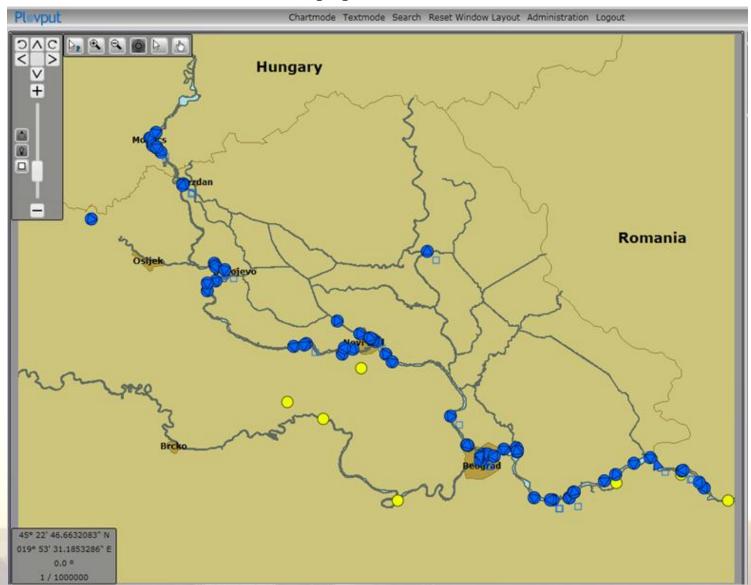








T&T Web Application – Serbia



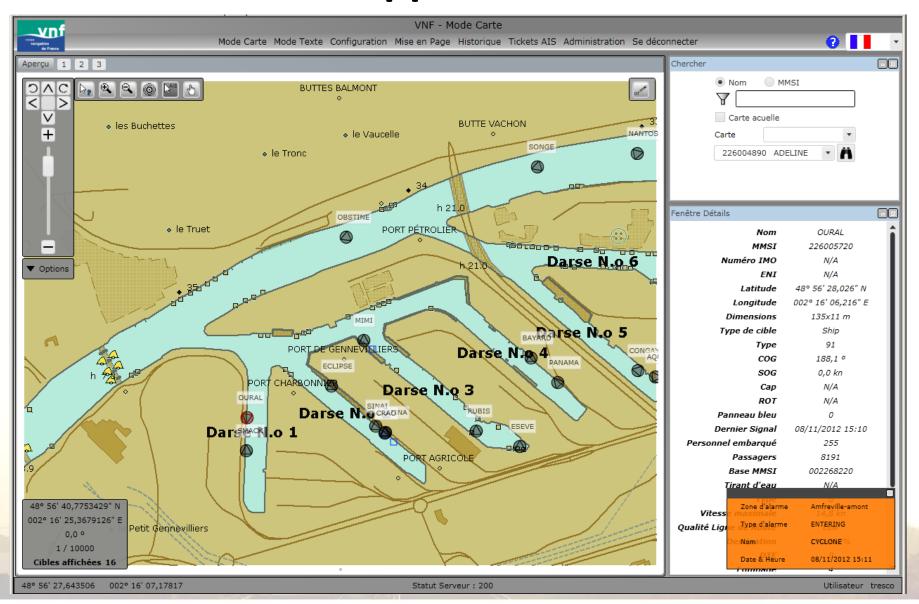








T&T Web Application – France



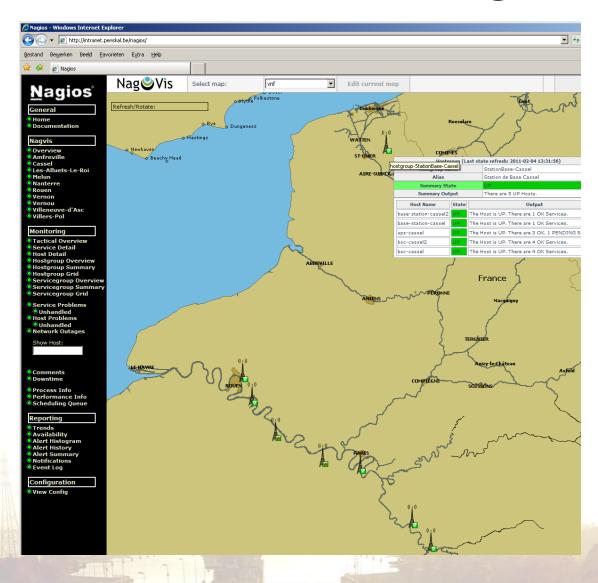








AIS Network Monitoring Tool



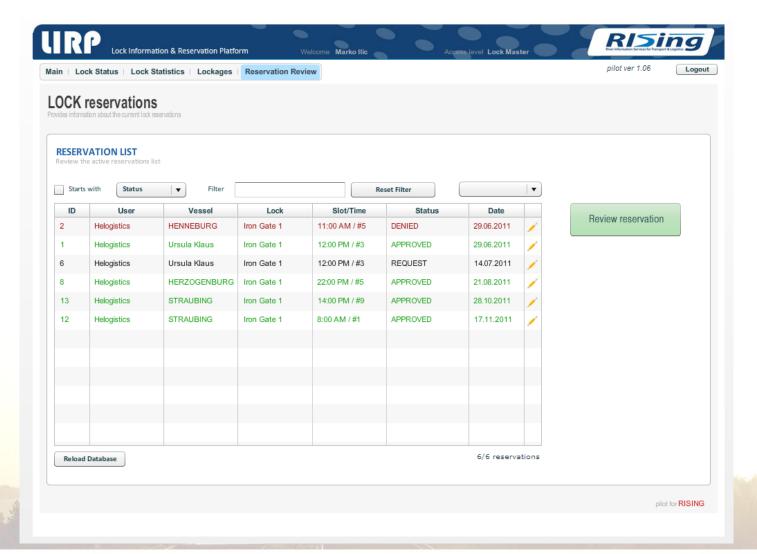








Rising Lock Planning



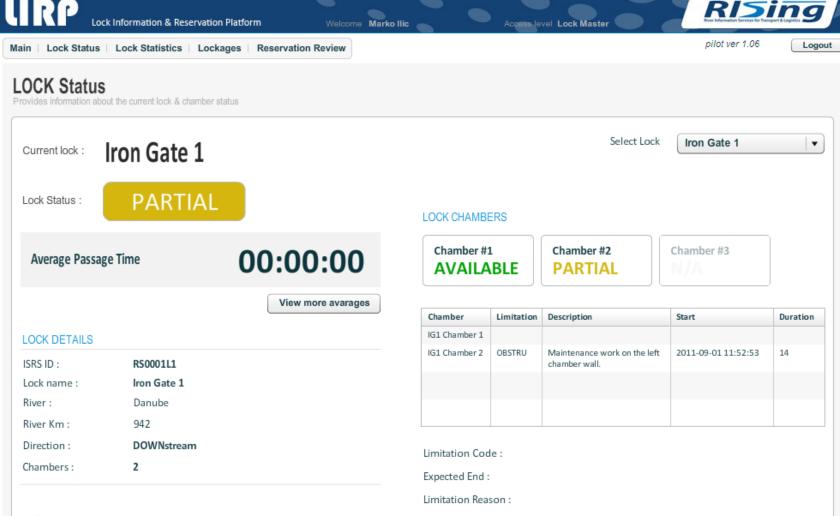














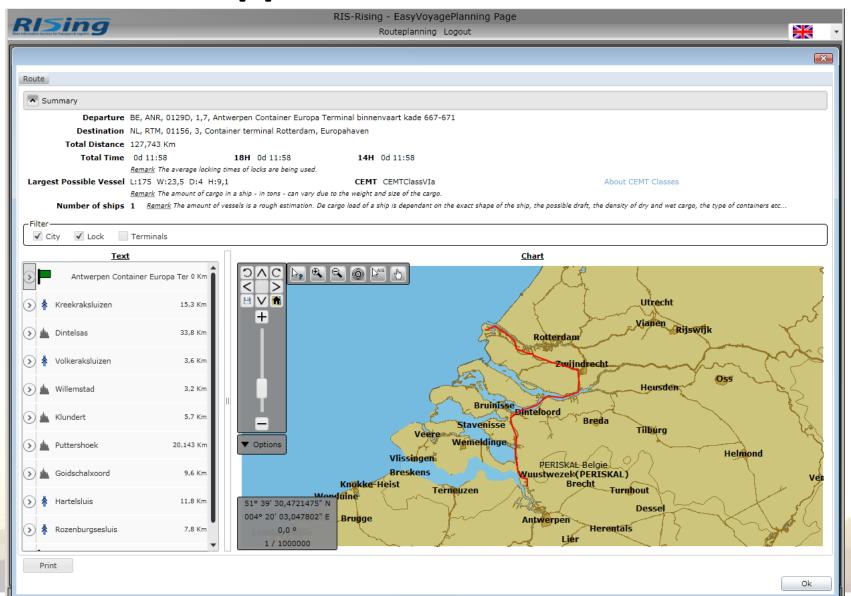


Refresh data





Web Application Route Module











Ships Applications

- Inland ECDIS Information Mode
 - Periskal Inland ECDIS Viewer used on 5000 commercial vessels
- Inland ECDIS Navigation Mode
 - Periskal Radar Overlay used on more than 100 commercial vessels









Inland Ecdis Viewer developments

- Ship Installation programs in Europe
- Development of new messages like convoy messages, lights etc...
- Development of water level messages for water level predictions
- Development of Notice to Skipper webservices
- Routeplanning









Vessel installations



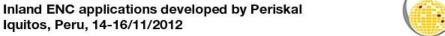














Main Features

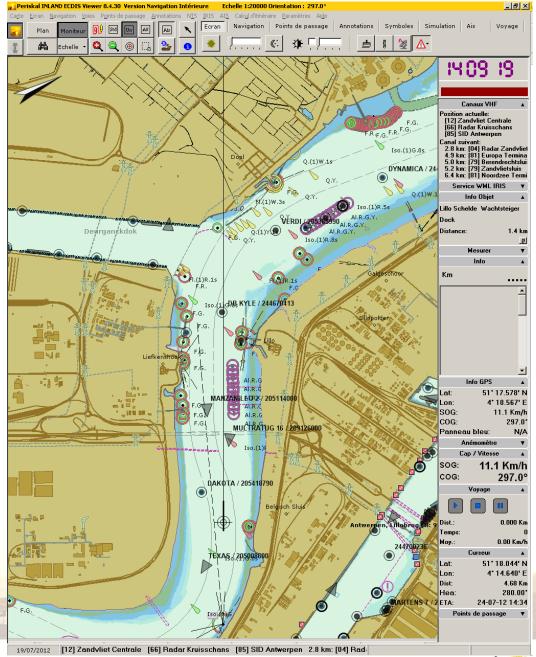
- Using latest Inland ECDIS / NTS / VTT and ERI standards
- Compatible with AIS
 - Display of AIS Data
 - Management of AIS Transponders
- Route Planning







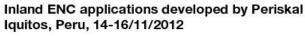






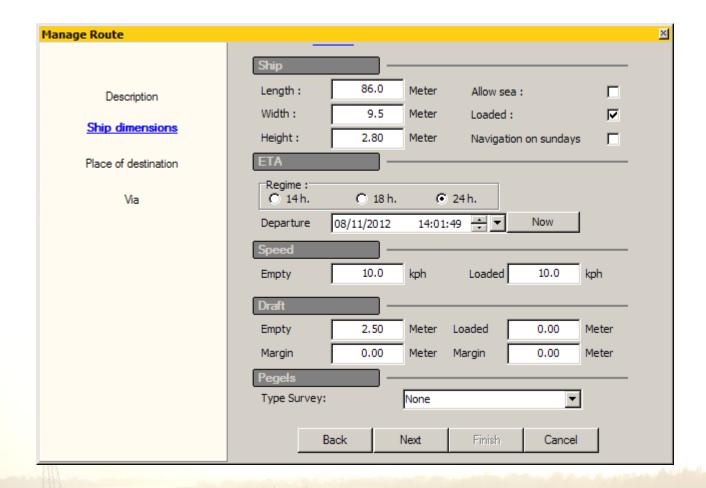








Route Planning

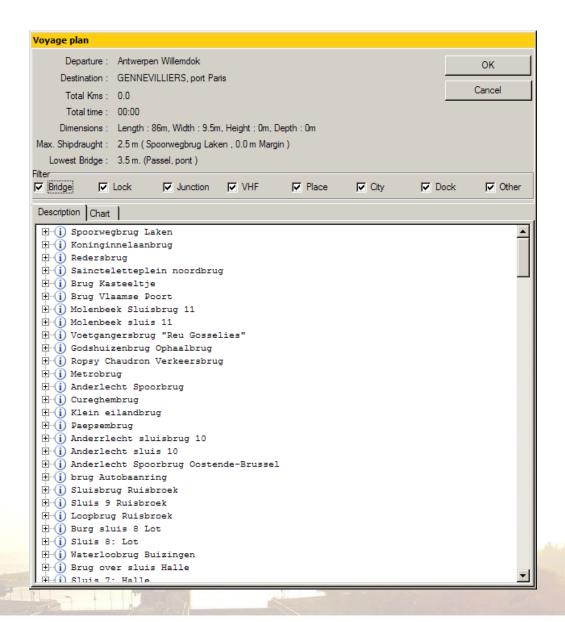












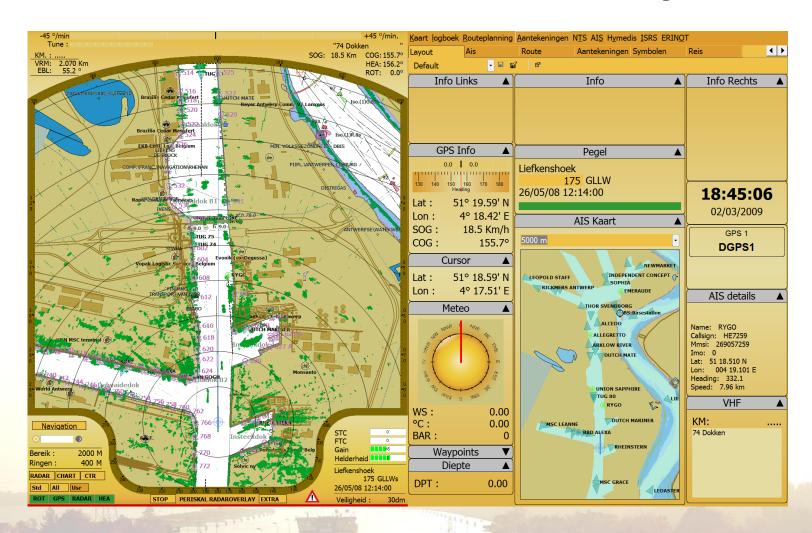








Periskal Radar Overlay











Periskal Radar Overlay











Other RIS systems

- Electronic Reporting ERI
- Notice to Skipper
- Hull Database
- Lock Management System
- dGPS Monitoring System
- IALA DGPS system
- Inland ECDIS chart production and advice









Thank you for your attention

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