



ENVIRONMENTAL SYSTEMS™

VTS Integration

For the Coastal Series

Overview

A Vessel Traffic Service (VTS) or Vessel Traffic Management System (VTMS) helps harbour or port authorities keep track of vessel movements and increase navigational safety. A VTS utilizes the Automatic Identification System (AIS) fitted to every cargo and passenger vessel, to identify and track vessel movements and identify risks. Pentair have partnered with Xanatos Marine to offer integrated Aid to Navigation (AtoN) monitoring solutions (based on our Coastal Series of products) integrated with their range of VTS and Electronic Chart Systems (ECS). The Xanatos solutions include:

- TITAN Sentinel & Coastal. VTS software for Port and Harbour Managers. Includes ECS, Collision Warning, Geo Fencing, History Replay, AtoN integration. Integrates Radar, AIS and CCTV systems, including target tracking and recording
- TITAN Fleet Tracking. For fleet managers. Utilizes AIS and Satellite tracking for global fleet coverage
- TITAL Voyager & CrewMate. For Mariners & Captains to provide the bridge team with ECS, Radar, AIS and AtoN data to identify navigation hazards, including safety zones and sending safety messages
- TITAN Marine Secure. Provides movement alarm for boat owners detecting theft attempts

Xanatos Marine specializes in Maritime Domain Awareness with innovative, unique, and flexible solutions for the maritime industry including tracking, monitoring, surveillance and associated issues with industry leading Sensor Data Fusion technologies.

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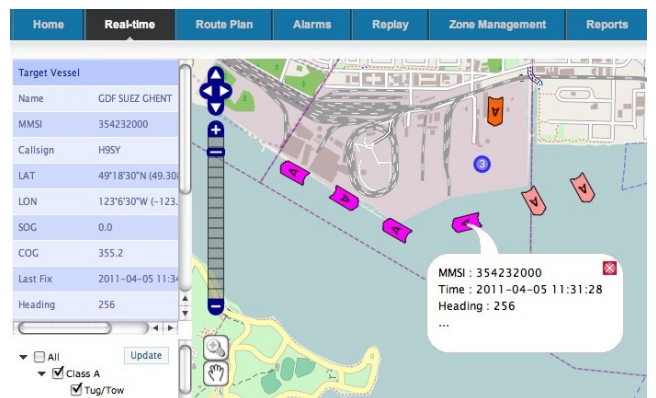
Real time monitoring solutions for Ports, Harbors & Aides to Navigation



Environmental data being viewed at the VTS base station via TITAN Sentinel



Vessel Tracking and Identification



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