

Test Assumptions, Optimize Results

This module delivers Veson Nautical's strategic planning tools based on Veson's proprietary and highly visual environment. A unified interface integrates visual and quantitative analysis and allows executives, managers, charterers, operators and schedulers to test, analyze and modify assumptions about existing or proposed contracts, voyages, vessels, and fleets.

Currently, two IMOS Planning tools are available—Cargo Matching and Job Planning.

Cargo Matching

Cargo Matching has dramatically improved productivity and performance for our clients. Developed and fine-tuned over a four year period with input from some of the world's leading commercial marine schedulers and charterers, this innovative tool matches cargoes to ships with drag-and-drop convenience, generating a pro-forma vessel schedule and P&L. The Cargo Matching tool is tightly integrated with the position book and all the IMOS modules. Cargoes can be drawn from a COA contract stored in the database.

A graphical schedule displays open cargoes in chronological order by loading port, indicating quantity and a color-coded status. Users can access cargo details with a simple click on the graph. And they can assign a vessel to make a Voyage Estimate or produce a Fixture Note. The system will propose optimal cargo-vessel combinations and also allow the user to drag and drop cargoes to test various scenarios.

Highlights

- Simultaneously grasp the big picture and underlying details
- Provides a visual drag and drop interface for evaluating cargo and vessel scheduling alternatives
- Understand net income, bunker expenses, voyage expenses, idle days, and voyage days
- Plan multiple voyages simultaneously across a set of vessels or cargoes
- Define "Programs" to organize planning by trade-area, charter, cargo type, ports, line of business, division of labor, and other business characteristics
- Best Vessel feature suggests schedule options based availability, ability to make laycans, distance, and utilization
- Plan spot and contract cargo voyages
- Quickly test alternative decisions to optimize cargo assignments and vessel utilization
- Understand the impact of each decision on total scenario profitability and resource utilization
- Understand decision impact from multiple perspectives: time, utilization, cost, and side-effects

Business Benefits

- Unified planning and execution environment
- Integrates visual overview with quantitative analysis
- Fully integrated with existing IMOS modules and features
- Provides a drag and drop interface for evaluating cargo and vessel scheduling alternatives
- Understand the impact of each decision on total scenario profitability and resource utilization
- Understand decision impact from multiple perspectives: time, utilization, cost, side-effects
- Simple end-user configurability supports individual chartering styles and decision making criteria
- Quickly define programs to support multi-user and multi-program environments

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Job Planning

Veson has applied a similar model of Gantt/Grid visual planning to offshore fleet management. Job planning is used to plan and operate a fleet of offshore vessels where operators need to quickly adjust schedules to meet changing situations.

Highlights

- Capture job contracts and master contracts
- Use drag and drop to test vessel assignments and evaluate decision scenarios
- Understand net income, bunker expenses, voyage expenses, idle days and voyage days
- React quickly to changing conditions
- Streamline financial management and billing
- Enhance job profitability and fleet utilization
- Manage jobs from contract to invoice
- Identify the best vessel assignments
- Understand all aspects of a scenario

Veson Nautical IMOS V6 Hardware Requirements & Recommendations

Client Machine

Client-Server Interface	ODBC, ADO.NET, .NET Remoting over TCP
Recommended Operating System	Windows XP or Windows Vista
Remote Access	Citrix / Terminal Server
Client-Specific Requirements	.NET Framework V3.5
Hardware Requirements	Pentium 3, 512 MB RAM
Minimum Display Resolution	1024 x 768
Web Browser	Microsoft Internet Explorer V6 or V7 (recommended)
Multimedia Software	Adobe Flash Player (for tutorials)

Application Server

Application Server Details	IMOS V6 on .NET Framework V3.5, SP 1 or later
Hardware Requirements	2.8 GHz CPU, 2GB RAM, 60GB HD
Server Operating System	Windows 2003, Enterprise/Standard Edition, SP 1 or later
Server Hardware Requirements	2.8 GHz CPU, 2GB RAM, 80GB HD

Database Server

Hardware Requirements	Dual Xeon, 2.8 GHz CPU, 4GB RAM, 160GB
Server Operating System	Windows 2003, Enterprise/Standard Edition, SP 1 or later
Database Name and Version	MS SQL 2005 or 2008



Planning is just one of the modules of Veson Nautical's **Integrated Maritime Operations System (IMOS)**—a comprehensive software solution that automates and streamlines critical processes for charterers, ship owners, and operators. Find out more about how IMOS can help you achieve greater efficiency and profitability. See why many leading commercial maritime shipping organizations around the world rely on IMOS. Contact Veson Nautical today.

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