Cargo Management is the process of systematically and efficiently managing information like ship arrivals with ship details, and generation of shipping documents like bill of lading, certificate of quantity, vessel manifest, etc. It also takes care of the pre-loading and post-loading documentation through automated process.

Terminal Management Solution
‘L&T Infotech’s proprietary solution for Terminal Management’

Nowadays, ensuring that a terminal operates in a secure, safe and well planned manner has become crucial for Oil & Gas Companies. L&T Infotech, with its diverse experience in leading Oil & Gas companies across the globe, has developed ‘Terminal Management Solution’ (TMS). This solution not only caters to the unique requirements of the Terminal Management and its allied industries, but also streamlines the business processes and enables faster growth.

TMS, a flexible, scalable and customizable solution, offers a combination of standard and unique modules specifically developed to cater to the needs of the Oil &Gas industry. It allows organizations to adopt a more professional and purpose-driven approach to manage its processes. The TMS solution enables clients to manage and monitor several terminals from a single location. It also offers functionalities like storing, acquiring and distributing real-time data.

Terminal Management Solution Using Microsoft Dynamics AX 2012

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Terminal Management Modules

**Tank Lease Contract Management**

Tank Lease Contract Management is a process of systematically and efficiently managing contract creation, execution and analysis. The purpose of this module is to maximize financial and operational performance and minimize risk.

**Bulk Inventory Management**

This module is used to manage the storage, measurement and movement of bulk inventory. It is tailored to handle the complexities of constantly changing inventory in business environment.

**Computerized Maintenance Management System (CMMS)**

CMMS offers unique functions like providing information on equipment, maintenance, inventory, work orders, maintenance budgets, maintenance reports and CMMS process flow.

**Cargo Management**

Cargo Management is the process of systematically and efficiently managing information like ship arrivals with ship details, and generation of shipping documents like bill of lading, certificate of quantity, vessel manifest, etc. It also takes care of the pre-loading and post-loading documentation through automated process.
CASE STUDY

The Client
One of the largest suppliers of marine fuel

Challenges
- Development of business-critical modules
- Implementation of TMS from scratch
- Identification of business processes
- Efficient user account management
- Development of centralized real-time reporting system

Benefits
- Efficient user account inventory
- Sales and customer management processes
- Developed centralized real-time reporting system

Order Management
This module controls inventory levels in tanks. It also helps to create invoices for cargo movement charges for various transaction types like:
- Ship-to-tank transfer
- Tank-to-ship transfer
- Terminal-to-terminal transfer
- Inter-tank transfer
- Blending/heating operations

Finance Management
This module is used for defining relationships between the company, its terminal, and various other departments like HR, Administration, Account & Finance, Operations, and Maintenance.

Business Benefits
- Aligning business objectives with technology solutions
- Achieving better utilization of resources and assets
- Evolving in the organizational value chain
- Growth in business due to better association with clients and partners
- Seamless integration between various business operations
- Centralized system providing real-time reporting
- Effective contract management and planning
- Process standardization
- Privileged access provided as per company policy and regulations

About L&T Infotech
Larsen & Toubro Infotech Ltd. (L&T Infotech), one of the fastest growing global IT services company, is ranked by NASSCOM as the 6th largest software & services exporter from India and among the top 20 IT BPO employers in 2014. It is a wholly-owned subsidiary of Larsen & Toubro (L&T), a multi-billion conglomerate, and India’s largest Technology, Engineering, Construction, Manufacturing and Financial Services organization, with global operations.
L&T Infotech is differentiated by its three-pronged value proposition, encompassing Business-to-IT Connect, Execution Excellence and Engage the Future. (www.Lntinfotech.com)