ORACLE

Oracle Fleet Management

Oracle Fusion Cloud Fleet Management is the industry's first single-platform shipment-centric and asset-centric transportation management solution. It allows you to manage your orders and shipments and determine the best way to fulfill them by utilizing internal capacity (private or dedicated fleet) or third-party capacity (external service provider rates and resources), as appropriate, all in one system. This approach eliminates the need to have multiple transportation systems consuming your single transportation budget.

COMPLETE AND INTEGRATED FLEET MANAGEMENT

Oracle Fusion Cloud Transportation Management provides robust support for the entire transportation lifecycle. Oracle Fleet Management deepens these capabilities to include the management of fleet resources (driver, power, equipment) involved in fulfilling orders and shipments. This integrated approach to managing for-hire and owned assets will benefit shippers, who utilize a private or dedicated fleet, and logistics service providers, who utilize assets in providing service to their customers. With enhanced integration to Oracle Cloud Supply Chain Management and other ERP solutions, organizations can leverage Fleet Management capabilities in context of the broader supply chain to achieve end-to-end support for all aspects of fleet and asset management:

- Asset lifecycle management
- Driver hire, education, scheduling, and payroll
- Order capture and Customer Relationship Management
- Fleet planning – consolidation, fleet vs common-carrier trade-offs, multi-leg, multi-mode
- Dedicated fleet resource optimization and execution
- Driver and equipment assignment, and utilization
- Asset tracking
- Asset inventory management at asset pool locations
- Driver dispatch, mobile communications, tracking
- Costing – fleet, external service providers, special services, accessorials
- Payables – driver pay, independent contractors and external service providers
- Billables – bill customers for service, asset usage
- Cost accruals and revenue recognition
- Damages, claims and dispute management

Key Features

- Enhance service through fleet-specific order management capabilities

- Fleet-specific planning and optimization

- Driver and equipment assignment

- Dispatch, mobile communications, and asset tracking

- Measure and control financial performance by leveraging capabilities for costing, payables, billables, cost accruals, revenue recognition and claim and dispute management

SINGLE PLATFORM SOLUTION FOR CONTRACT AND PRIVATE TRANSPORTATION

Current fleet management solutions typically provide a stand-alone system that is solely focused on managing and utilizing fleet assets, and only provide visibility to orders and shipments that are pre-determined as those traveling on fleet resources. This leads to under-utilization of fleet resources and unnecessary empty runs as well as a lack of cost considerations when fleets are underutilized or over extended. Lack of visibility to the broader order pool leads to missed backhaul opportunities and, potentially, incorrect deployment of the fleet.

These solutions do not provide the capability to account for common-carrier rates and capacity. This makes it difficult to determine how best to deploy fleet assets since there is no visibility to which orders can be advantageously serviced via third-party capacity and which ones are best deployed against the fleet. When order changes or execution-time issues impair the fleet's ability to service the order, it is a challenge to secure external capacity in the reduced lead time left to service the order.

In today's extended supply chain with orders sourced globally, with long lead times and high operational variability, it is vital to have an integrated environment that provides complete visibility and coordination to all modes and types of fulfillment capacity. Oracle Fleet Management Cloud provides the ability to manage all your orders and shipments in one system that considers all available fulfillment capabilities – internal and external.

Key Business Benefits

- Reduced transportation and logistics costs
- Gain insight into fleet operations
- Improve asset utilization, tracking and lifecycle management
- Boost driver satisfaction and retention through increased utilization while accounting for driver-specific dispatch requirements
- Reduce fuel costs and emissions, leading to greater sustainability
- Ensure overall safety and visibility within the transportation value chain
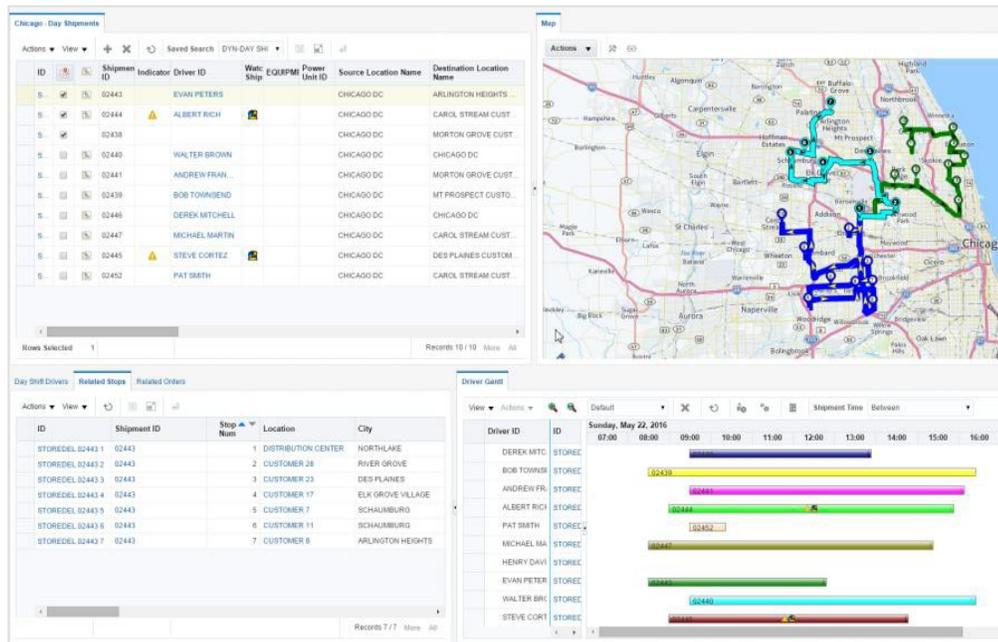

Figure 1: Oracle Fleet Management Workbench provides driver, equipment, and shipment management capabilities, including drag and drop actions.
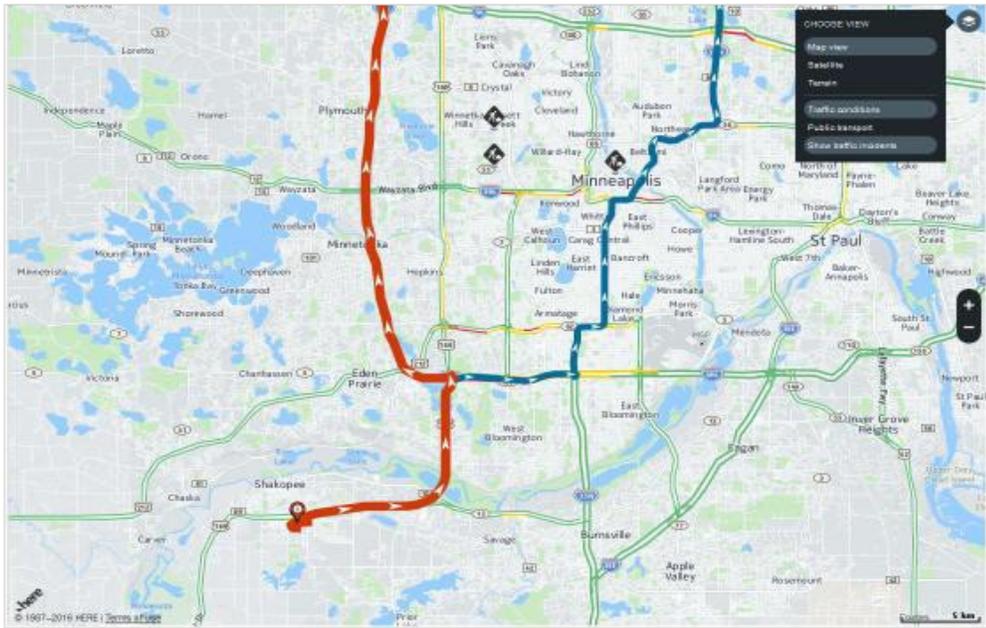
Figure 2: Oracle Fleet Management also provides street-level route considerations, with the option to display real-time traffic, traffic incidents, and weather.

FLEET SPECIFIC OPTIMIZATION

Whether you have a private or dedicated fleet, in order to fully utilize its capabilities, it is critical to consider the state of the assets (availability, driver shifts, location, etc.) when planning work to utilize them. Oracle Fleet Management Cloud incorporates the current state of the fleet in the planning and optimization process to ensure that fleet resources are fully utilized along with consideration of external carrier capabilities. Specialized support is provided for dedicated fleet where driver assignment is not an issue, but utilizing the dedicated asset to its utmost is critical. Many-to-many optimization of drivers and equipment takes into consideration detailed hours of service constraints, home location, driver region, asset location, status, and inventory positions. Decision support includes easy to configure, multi-pane screens that provide key data elements across multiple entities and visualization of resource availability and location via real-time, street-level maps and Gantt charts with drag-drop capabilities.

Related Data Sheets

Oracle Fleet Management is part of Oracle Cloud Transportation Management and the Oracle suite of logistics solutions. Related data sheets include:

- Oracle Transportation Management
- Oracle Transportation Operational Planning
- Oracle Logistics Network Modeling
- Transportation Sourcing
- Freight Payment, Billing, and Claims
- Transportation Intelligence
- Transportation Cooperative Routing
- Oracle Global Trade Management

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