"Transportation Management System (TMS)" is for Corporate Business, Commercial and Manufacturing or service industry.

Best Suited for: Garments, Government Bank, Manufacturing & service organization, financial institute, corporate office

Used Technology: C#, ASP.NET, SQL Server 2012, JavaScript, Ajax, HTML, CSS/CSS3, Adobe Photoshop CS5

Brief: Our Transportation management software system is automates administrative processes, so user can focus on managing the most valuable vehicle asset of an organization people.

Client Reference: Prime Finance & Investment Limited

Transportation Management System (TMS) is a software application designed to manage and optimize inbound and/or outbound transportation operations from Opus Technology Limited. A TMS is an integral component of a mission-critical supply chain execution (SCE) suite of applications. The TMS evaluates the pool of orders; consolidates them into shipments; and determines the optimal mode / lane / carrier / route / stop assignments to minimize transportation expense within the required customer service level constraints.

Transportation Management System

Our Core Modules:

- **Driver access in and out history**
- **Track the vehicle movement**
- **Destination of vehicle**

Module Features:

Transportation Management System

- **Track the vehicle movement**
- **Driver access in and out history**
- **Destination of vehicle**
- **Load distance**
- **Setting**
- **Admin**

User Management:

- Create new user
- User privilege setting
- Change user password

Setting:

- Category Setting
- Time Schedule Setting
- Driver Details Setting
- Vendor Details Setting
- Company Information setting
- Division Setting
- Department setting
- District Setting
- Religion setting

Why would you need one?

- Analysis and Report
- User friendliness

- Automatically update
- Customization
- Data Sharing
- Scale-ability
- Security

Why need this Transportation

A **transportation management system** (TMS) helps companies move freight from origin to destination efficiently, reliably, and cost effectively. But the main reason companies implement a TMS is to reduce freight spend. By using our Transportation management system, user can easily handle to track the overall process of the transportation of vehicle.

Features of Transportation Management System

Route Optimization and Consolidation

The system is designed to provide the most optimal route for carriers. It can at once manage to plan and execute routing for hundreds of shipments either by consolidating, pooling, and even for multimodal transportation. Consolidating shipments not only saves cost but avoid needless unproductive multiple trips thereby preserving fuel and reducing carbon emission.

Mode and Carrier Selection

This feature aids in suitable selection of most favorable carrier and mode of transport based on service requirements in terms of cost, efficiency and distance. The system is designed to automatically choose the finest carrier from centralized data pool based on previous performance, price and business requirements.

Integrated warehouse management system

Integrated WMS module within existing transportation management system provides real time information about warehouse facility such as in and out inventories movement, material tracking, dispatching the shipments and many such key performance indicators. Access to this real time information improves the process decision making.

Integrated EDI

EDI enabled standard format of information exchange builds a benchmark for superiority. Organizations gain increased visibility in their functions and experience remarkable reduction in paper work. Integration of EDI with Transport management system provides high end accuracy in data and speed up critical information exchange between the businesses and at the same time contributes greatly to create a green supply chain.

Track & Trace

This feature allows real time exchange of shipment information between carrier, distributor and customer. Regular and competent sharing of shipment information across the organization through web increases visibility, accuracy rate of tracking and monitoring, and efficient management &reporting.

Business Intelligence and Analytics

This feature involves proficient use of data warehousing, dashboard functionality and report generation in standard or custom formats. It aims at collecting, analyzing & summarizing supply Chain data to utilize them resourcefully for effective decision making, identifying needs & key areas of functional enhancement, and evaluating the effectiveness of existing strategies.

Advantages

Managing the supply chain for a business is a daunting but a necessary task. However, there are many transport management systems available today that can help with it. Transportation management systems are computer based software companies intended to manage transport operations and deals. They assist a company in controlling the day to day processes involved in transportation of their goods. These critical systems have made a real time execution and

information retrieval more mainstream and much easier for you when it comes to supply chain and logistics.

With many various transport companies and services available, it is important to consider what particular services are most vital to the success of one's business.

THE OPTIONS AVAILABLE FOR TRANSPORT MANAGEMENT SYSTEMS

There are three options available in TMS which are given below accordingly,

- First, the traditional version in which they purchase traditional on-premises licenses.

- Second, the remote version in which it is web hosted.

- Lastly, the third is on premises hosted licensing which blends the first two options together.

A blended system has quickly grown in popularity because of the additional flexibility that it provides a business. When a company chooses a blended transportation management system, it receives not only real-time usage and but also freight capacity. Often the software is provided for little to no cost and then a company pays for the freight capacity service.

The various transport management companies will help companies determine the best truck routes and shipping options. They will review the company's needs and then implement systems based on whatever is most important to the shipping customer. They may focus on cost to transport, better lead-times, of the least amount of stops.

ADDITIONAL BENEFITS OF A TRANSPORT MANAGEMENT SYSTEM

A transport management system (TMS) also helps with important follow up responsibilities. The system can do the billing and invoicing for shipment, track shipment details, and monitor warning regarding delays with planned shipments.

Another great tool that makes a blended TMS a good investment is that they can also measure how well a business' supply chain functions. It has real time vehicle tracking, true transport cost, and customer service control.

A company can truly profit from the Key Performance Indicators (KPI) which involves tracking and reporting statistics. Transportation managers can determine how much a load cost down to the pound to transport. Being aware of the true cost to ship something can help a business better budget for such needs and also measure how well a company is doing comparatively to previous quarter or years. Along with this feature they can also track the percentage of on-time deliveries and pickups. Because this can affect the cost of shipment, it is important to monitor.

INCREASE YOUR BUSINESS'S EFFECTIVENESS SOONER THAN LATER

When a company makes the decision to use blended transportation management software, they do so to increase the overall effectiveness of the business. A blended TMS also encourages the company to be financially frugal without giving up the ability to customize the software to best fit their needs. Because a company is always striving to be more customer-service orientated, having an excellent way to track shipments, problems, and deliveries is a very valuable quality of the software. Another positive aspect of blended software is being able to know the total cost that a company spends on shipping so that the company can become more fiscally responsible.

Finally, while every business would benefit from a transportation specialist, those who utilize a blended system can enjoy overall cost savings, positive training and support for a traditional transport management system

Distinctive Features of TMS

Mode and Carrier Selection

This feature aids in suitable selection of the most favorable carrier and mode of transport based on service requirements in terms of cost, efficiency and distance. The system is designed to give the shipper choices of the best carrier to choose from based on previous performance, price and business requirements. This flexibility in feature allows a shipper to understand if one carrier over another is best suited. You may also find that you have multiple shipments that are more time sensitive and need to give those to various carriers best suited for specific lanes.

Route Optimization and Consolidation

The system is designed to provide the most optimal route for carriers. It can at once manage to plan and execute routing for hundreds of shipments either by consolidating, pooling, and even for multimodal transportation. Consolidating shipments not only saves cost but avoid needless unproductive multiple trips thereby preserving fuel and reducing carbon emission.

Execution Integrated EDI

EDI enabled standard format of information exchange builds a benchmark for superiority. Organizations gain increased visibility in their functions and experience remarkable reduction in paper work. Integration of EDI within TMS Systems provide high end accuracy in data and speed up critical information exchange between the businesses and at the same time contributes greatly to create a green supply chain.

HOW WILL OUR TRANSPORTATION MANAGEMENT SYSTEM HELP YOU IN YOUR BUSINESS?

Transportation management system has many characteristics making this system a success and a positive investment. A finely designed and customized Transportation management system with the help of professional security solutions that is capable of evaluating the vehicle log in and log out as per requirements and advice the client their best fit solution for ultimate decision.

Which Brand We Work With

Opus will provide solutions for companies in all scales that acquire our solutions for their organization. Transportation management system solutions we supply, install are tailor made system for individual or group of organizations taking into consideration for various factors related to that specific organization.

Opus is proud to be partners with some of the largest and prestigious clients in the field of business management systems that create unique quality products trusted by client's worldwide.

Our false proof solutions help in creating a smooth Transportation Management Solutions that works efficiently and effectively in all conditions and markets around the world.

Our Respective Clients