

As businesses increase their supply chains across the globe, they often require an effective transportation management system (TMS) to ensure the safe and efficient delivery of goods. With careful planning and execution of a TMS, businesses are able to take advantage of improved inventory management, better customer service and reduced transportation costs.

It's important for businesses to understand how a TMS can provide efficiencies in the supply chain and what features to look for when selecting the right [Supply Chain Software](#). In this blog post, we'll explore the key features of a modern TMS and provide insight into how the right TMS system can help organizations streamline their transportation process. By identifying the best features, businesses can maximize their investment in a TMS, ensure their goods are delivered safely and on-time, and reduce costs associated with transportation.

1. Automated tracking and optimization of shipments

Automated tracking and optimization of shipments is one of the most important features to look for in a transportation management system. A good system will be able to track shipments in real-time and provide data on their expected arrival times and delivery conditions. This data can then be used to optimize the route and schedule, ensuring that shipments arrive on-time and in the best condition possible. The system should also be able to provide insight into potential delays and suggest ways to improve the overall efficiency and cost of shipment.

2. Cost savings and improved visibility

Cost savings and improved visibility are two of the top features of a transportation management system. With a TMS, you can track and analyze your transportation costs and adjust your shipping processes to maximize savings. Additionally, you can keep track of your shipments in real-time and minimize the risk of lost or delayed shipments. The improved visibility also allows you to identify potential bottlenecks in your supply chain and take proactive steps to avoid them. With a TMS, you can save time and money while improving the overall efficiency of your supply chain.

3. Integration with other systems

When considering the features of a transportation management system, it's important to look for one that has the ability to integrate with other systems. This will make it easier to manage data and information related to your transportation operations. A good TMS should be able to integrate with other systems such as customer relationship management (CRM), enterprise resource planning (ERP), business intelligence (BI), and data warehouse systems. This will allow you to quickly and easily access data from multiple sources and make decisions that are informed by real-time data. Integration with other systems is essential for efficient and accurate transportation management.

4. Scalability and customization

Customization and scalability are two of the most important features to consider when selecting a transportation management system. Scalability ensures that the system can easily be adjusted to meet your company's changing needs, while customization allows you to tailor the system to your company's specific requirements. Scalability is particularly useful if your company experiences rapid growth, while customization is ideal for companies with unique requirements. When considering a transportation management system, be sure to look for one that offers both scalability and customization.

5. Robust security features

A transportation management system should have robust security features to ensure all data is kept safe and secure. Look for features like role-based access to data, two-factor authentication, data encryption, and other measures to ensure that only those with authorization can access the system. A quality TMS should provide secure communication channels between all stakeholders, and should be able to integrate with existing security systems. Additionally, it is important to make sure the system is continuously monitored and updated with the latest security

measures.

In conclusion, a Transportation Management System is a great resource for businesses looking to streamline shipping and logistics operations. The right TMS will come with features that are tailored to meet the unique needs of your business, such as dashboards to track KPIs, route optimization capabilities, and advanced analytics. With a TMS, you can make the most of your shipping and logistics operations and ensure that you are always providing your customers with the best possible service.

Steady Run