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Vehicle Load Planning

The Need

Effective use of a vehicle fleet, whether it's your own or a third party's, demands the ability to organize deliveries quickly and easily based upon known routes, product weights, and vehicle capacities.

The Solution

The Vehicle Load Planning module provides all of these facilities in an easy to use, interactive planning module. The system also produces drivers' manifests, plus the facility to produce documentation on a 'by load' basis.

Key Features

• Easy to use load building

Informative load building routines are at the core of the module. The user can see provisional loads at a glance based upon default routes. These will show weight, volume, number of parcels and number of drops all arranged in a suggested sequence.

The user can then simply confirm a load and produce documentation or drag individual or groups of deliveries from one load to another to optimize vehicle usage. Where deliveries are being made by a third party, these loads can be used as carrier schedules.

• Service level management

Define service levels, specifying 'make-up time' needed from order to dispatch. These service levels can then be assigned to customers and will be used to automatically generate the best achievable shipment date at time of order capture.

Key Features cont'd...

• **Customer delivery profiles**

Assign customer delivery points to delivery runs. Specify the days of the week that deliveries can be made to that customer. Identify the customer's requirements including booking of delivery slots.

• **Vehicle/carrier profiles**

Specify the weight, volume capacity and availability of vehicles.

• **Documentation**

All customer documentation from picking note through to invoice can be printed on a load by load basis. A driver summary sheet shows the deliveries to be made in the right sequence. In addition, a consolidated picking list can be produced for a load when this module is used in conjunction with Advanced Picking.

• **Enhanced route assignment**

In addition to being able to assign a ship-to-address to a named route and drop, it is also possible to add specific routes and drops for different days to cater for variable delivery patterns throughout the week.

• **Close loads**

Provides the ability to close a load once no further dispatches can be added to it.

• **Load profitability enhancements**

Allows recording of cost per mile against record plus a feature to allow recording of total mileage for a load to provide potential for enhanced 'profitability by load' reporting.

What It Means For You

• **Optimize use of fleet**

The vehicle fleet can be more efficient by comparing 'at a glance' load weights and volumes against fleet capacity.

• **Identify efficient delivery routes**

Improve journey times and mileage by sectoring routes and developing preferred drop sequences.

• **Improve load management**

Identify where there's space on vehicles in advance and canvass sales on that route in order to make best use of delivery resources.

• **Improve delivery times**

Respond to your customer's high service expectations by ensuring that delivery slots are correctly booked and recorded where needed.

• **Improve planning**

Plan workloads and identify potential bottlenecks in advance. The load planning module can look right back to orders as well as picks and deliveries.

Dynavistics transforms your "I wish we could" into "I know we can" with innovative solutions to provide relief from common business software frustrations—helping you to run your business more effectively and get paid faster. Our applications are used by businesses across a wide variety of industries to extend the useful lifetime of their software investment while improving staff productivity and filling the gaps in collections, delivery, trade promotion and distribution software processes.

Dynavistics makes it easy to integrate with Microsoft Dynamics GP, Microsoft Dynamics AX, and Microsoft Dynamics NAV, as well as other leading ERP systems. Whether your frustrations result from software shortcomings in purchasing, inventory management, or accounts receivable—we offer solutions that complete the processes and bridge the gaps.

Trinity from Dynavistics, Inc. is a collection of advanced distribution features that work hand in hand with Microsoft Dynamics® GP to enhance every aspect of your supply chain process. Simply put, Trinity turns the basic Dynamics GP inventory modules into a full-featured distribution powerhouse.

Running a successful distribution business requires more than just inventory management. That's why Trinity was designed to improve every aspect of your distribution operation from Sales, Pricing, and Customer Service to Purchasing & Replenishment, Inventory Control, and Delivery Logistics. Adding Trinity to Dynamics GP makes your business *more effective, efficient, competitive and profitable*.

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