

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

m-hance's 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:

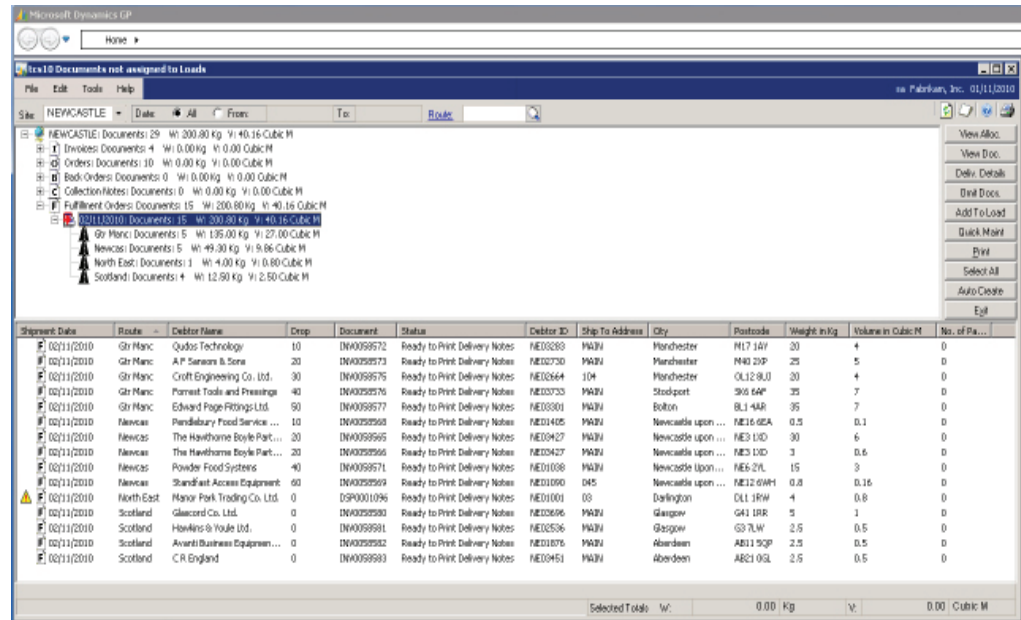
- Easy to use load building

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.



Shipment Date	Route	Debtor Name	Drop	Document	Status	Debtor ID	Ship To Address	City	Postcode	Weight in Kg	Volume in Cubic M	No. of Pa...
02/11/2010	Gtr Manc	Quads Technology	10	DN40059572	Ready to Print Delivery Notes	NE03293	MARU	Manchester	M17 1AY	20	4	0
02/11/2010	Gtr Manc	A.P. Sensors & Sers	20	DN40059573	Ready to Print Delivery Notes	NE02730	MARU	Manchester	M40 2DP	25	5	0
02/11/2010	Gtr Manc	Croft Engineering Co. Ltd.	30	DN40059575	Ready to Print Delivery Notes	NE03664	104	Manchester	OL12 8UJ	20	4	0
02/11/2010	Gtr Manc	Parnell Tools and Pressings	40	DN40059576	Ready to Print Delivery Notes	NE03733	MARU	Stockport	S96 5AF	25	7	0
02/11/2010	Gtr Manc	Edward Page Fittings Ltd	50	DN40059577	Ready to Print Delivery Notes	NE03001	MARU	Bolton	BL1 4AR	35	7	0
02/11/2010	Newcas	Pendalbury Feed Service...	10	DN40059568	Ready to Print Delivery Notes	NE01405	MARU	Newcastle upon...	NE16 0EA	0.5	0.1	0
02/11/2010	Newcas	The Hawthorne Boyle Part...	20	DN40059566	Ready to Print Delivery Notes	NE03427	MARU	Newcastle upon...	NE3 1UD	30	6	0
02/11/2010	Newcas	Powder Food Systems	40	DN40059571	Ready to Print Delivery Notes	NE01038	MARU	Newcastle upon...	NE6 2YL	15	3	0
02/11/2010	Newcas	Standfast Access Equipment	60	DN40059569	Ready to Print Delivery Notes	NE01050	D45	Newcastle upon...	NE12 6WH	0.8	0.16	0
02/11/2010	North-East	Manor Park Trading Co. Ltd.	0	DS9001096	Ready to Print Delivery Notes	NE01001	05	Darlington	DL1 1RW	4	0.8	0
02/11/2010	Scotland	Glaxcoed Co. Ltd.	0	DN40059580	Ready to Print Delivery Notes	NE02666	MARU	Glasgow	G41 1RR	5	1	0
02/11/2010	Scotland	Hawkins & Youle Ltd.	0	DN40059581	Ready to Print Delivery Notes	NE02536	MARU	Glasgow	G3 7LW	2.6	0.5	0
02/11/2010	Scotland	Avalon Business Equipmen...	0	DN40059582	Ready to Print Delivery Notes	NE01876	MARU	Aberdeen	AB11 5QP	2.5	0.5	0
02/11/2010	Scotland	C.R. England	0	DN40059583	Ready to Print Delivery Notes	NE00451	MARU	Aberdeen	AB21 0GL	2.6	0.5	0

- **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.



m-hance provides m-hancements (formerly known as Trinity Myridas) to maximize the value customers realize from their Microsoft Dynamics GP investment. m-hance provides business software solutions which enable Microsoft Dynamics users to save time, cut costs and increase efficiency. m-hance is one of the largest Microsoft Dynamics partners in the world and is recognized as a successful and accredited solutions developer. m-hance provides Microsoft partners across 20 different countries with integrated software modules. These solutions extend the functionality of their clients' core Dynamics GP application with m-hancements covering Distribution, Telesales, Inventory, Procurement, Bank Management, and Document Management.

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