



Interactive ITEM& BOM Planning For Microsoft Dynamics NAVISION*

*Microsoft Dynamics NAV (Navision)

*A GROUND BREAKING SYSTEM for the planning
of MATERIALS and LOGISTICS!*




NAVEXSA



Are you able to, at a glance to see, when an item can be delivered, or if a production order or purchase order is delayed, which customer orders are affected? If not, then you need the Naveksa IVD system. This system can be used both in trading and production companies.



A GROUND BREAKING SYSTEM for the planning of MATERIALS and LOGISTICS!

The system consists of 2 independent components which complement each other and work together:

- ▶ A time-phased Item Availability profile
- ▶ A time-phased Bill of Material profile

Time-Phased Item Availability

NAVEKSA IVD Item

General

No.: LS-75 Location: Variant:

Description: Højttaler, kirsebær, 75W

Description 2:

Lines

Date	Type	Action Mes...	Locat... Code	To Location...	Independent Demand	Variant Code	Purchase Order No.	Blanket Order Ref.	Sales Order No.	Supply	Customer/Vender Name	Expected Stock	Reservation Qty.	Production Order No.	Simulate Qty.	Simulate Date	Original Qty.	Original Date	Item Rel.
	* START *											34					0		
13-01-2014	Sales		HVID		10				104002		Ravel Mobler	24			10	13-01-2014	10	13-01-2014	
15-01-2014	Sales		HVID		10				104007		Ravel Mobler	8			16	15-01-2014	16	15-01-2014	
13-01-2014	Sales		HVID		8				104014		Kvalitetsskaber A/S	0			8	13-01-2014	8	13-01-2014	
13-01-2014	Sales		HVID		4				104016		Mark H&F-Shop	-4			4	13-01-2014	4	13-01-2014	
24-01-2014	Transfer		BLA	HVID	11							-13			11	24-01-2014	11	24-01-2014	
26-01-2014	Transfer		HVID							11		-4			11	26-01-2014	11	26-01-2014	
29-01-2014	Purchase		HVID				104008			320	Grassblue Aps.	6			10	29-01-2014	320	24-01-2014	
31-01-2014	Sales		HVID		10				104019		Guldbergvej Lyd	-4			10	31-01-2014	10	31-01-2014	
01-02-2014	Purchase		HVID				104011			160	Elektronik Service A/S	156			160	01-02-2014	160	01-02-2014	
21-04-2014	Purchase		HVID				104001			160	Schneichel Mobler A/S	216			160	21-04-2014	160	21-04-2014	

Time-Phased BOM Material Availability

NAVEKSA IVD BOM

General

No.: 1000 Available Date (mat.): 25-01-2014

Description: Cykel Available Date (cap.):

Description 2:

Required Quantity: 8

Required Date: 17-07-2013

Inventory on Location: 117

Lines

Component / Operation	Description	Vendor / Center	Level	Explenish... System	Expl... BOM	Expl... Route	BOM / Route Qty	Purchas...	In Prod. Order	Qty in Transfer Order to	Qty in Sales Order	Qty in Servic...	Component Qty
1160	Dele	01367796	2	Purchase			1						
1170	Stange	01367796	2	Purchase			1						
1200	Baghjul		1	Prod Order			1						
10	Fælgskærm	100	1	Route			50		2		10	0	
20	Fælgskærm	200	1	Route			80					0	
30	Motorkæde	300	1	Route			90					0	
40	Motorkæde	400	1	Route			50					0	
1110	Fælg	01367796	2	Purchase			1					0	
1300	Kædelem		1	Prod Order			1					0	
1119	Kæde	32436223	2	Purchase			1					0	2
1320	Klinge	32436223	2	Purchase			1					0	
1330	Kædehjul	32436223	2	Purchase			1					0	
1400	Stærkeskærm, for	32436223	1	Purchase			1					0	
1430	Stærkeskærm, bag	32436223	1	Purchase			1					0	
1500	Lygte	45774477	1	Purchase			1					0	
1600	Indgiklske	32436223	1	Purchase			1					0	
1700	Bremse		1	Prod Order			1					0	
1710	Bremse	32436223	1	Purchase			1					0	

THIS IS THE WAY IT WORKS!

The system uses data from Navision sales-/ purchase-/ inventory- and planning applications, and works in a DYNAMIC AND VISUAL WAY, delivering quick and precise answers to questions like:

- ▶ When can we deliver a given product if not in stock, or current on-hand stock is already allocated to other customers?
- ▶ How much should be produced or purchased, and when?
- ▶ Are there any open purchase- or manufacturing orders which should be expedited or deferred?

- ▶ Seen over time, is there an imbalance in the projected stock balance in the form of stock built-up (excess) or run-out (shortage)?
- ▶ How does it effect promised/open sales orders when purchase orders or production orders are delayed?
- ▶ What is the availability and shortage situation for a BOM item at a given quantity, on a given delivery date, and when will we be able to deliver the completed product?

Availability & Inventory Simulation

Simulate Qty.	Simulate Date	Expected Stock	Original Qty.	Original Date
		34	0	
10	15-01-2014	24	10	15-01-2014
16	15-01-2014	8	16	15-01-2014
8	15-01-2014	0	8	15-01-2014
4	15-01-2014	-4	4	15-01-2014
11	24-01-2014	-15	11	24-01-2014
11	26-01-2014	-4	11	26-01-2014
10	9-01-2014	6	320	24-01-2014
10	31-01-2014	-4	10	31-01-2014
160	01-02-2014	156	160	01-02-2014
160	21-04-2014	316	160	21-04-2014

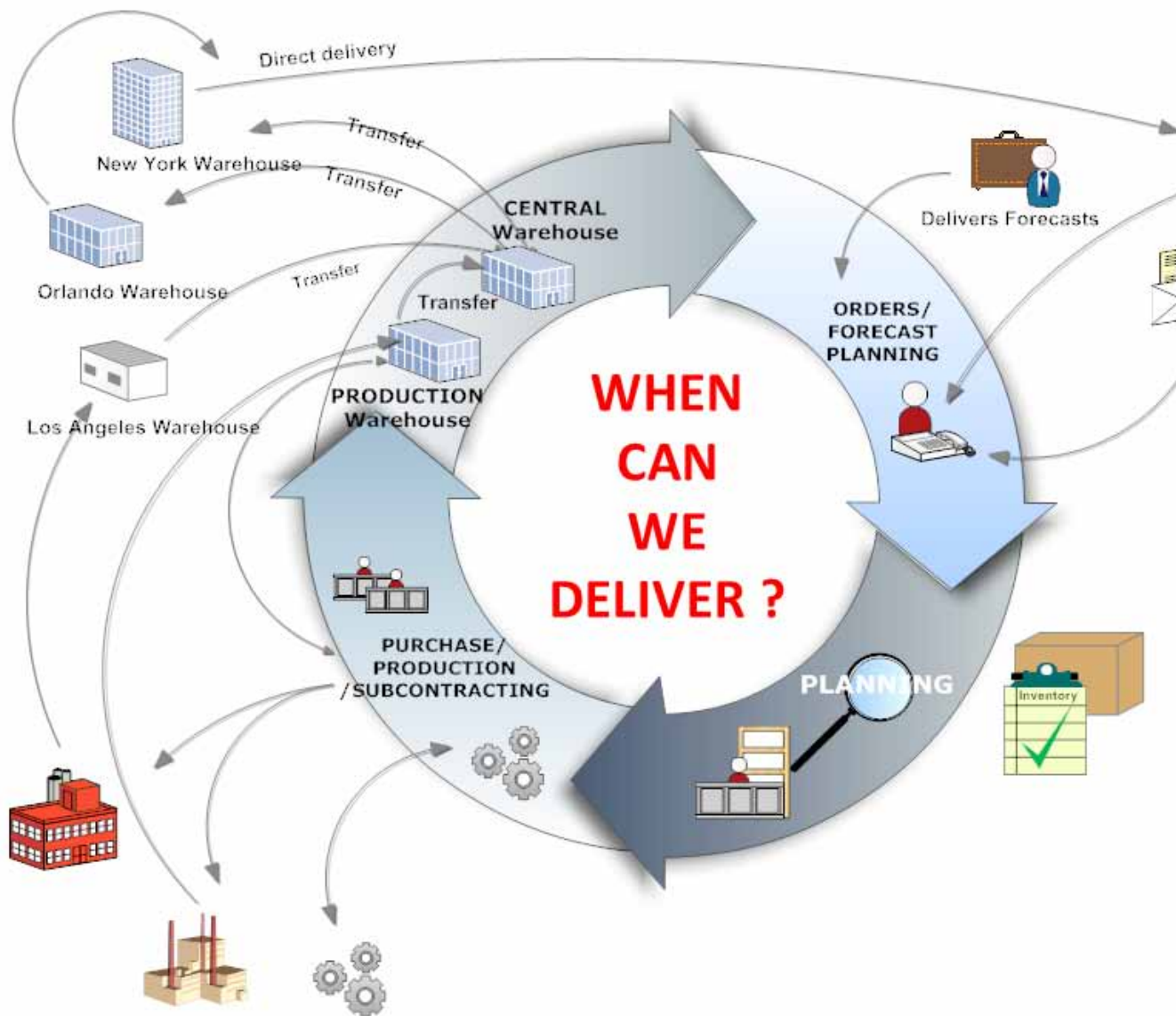
Full-of-availability

SIMULATION

- The consequences of simulated date- and quantity changes on material requirements can be seen instantly.

THE ADVANTAGES ARE OBVIOUS!

The system enables a simpler, faster, and more accurate planning environment—which affects customers, vendors and internal company activities., This creates an intelligent system facilitation of both the logistics and the whole supply chain.



THE CONCEPT BEHIND THE SYSTEM!

The concept behind the system is not new. Originally developed together with a leading Danish industrial company; it has for a number of years been used together with different ERP-systems in several companies providing great benefits as THE MOST USED DAILY PLANNING SYSTEM.



OTHER KEY FEATURES:

- ▶ The system can be delivered to Navision version 2.60 and forward in Danish, English and German
- ▶ The system does not change any existing Navision programs.
- ▶ The programmed source code is delivered with the product and is open for a customer's own modifications to be applied
- ▶ The system can be tailored to specific needs of the end user.
- ▶ The system is delivered with detailed system- and user-documentation.



THE WAY FORWARD?

*Call or send a mail on
info@naveksa.dk to hear more.
More details on www.naveksa.dk*



NAVEKSA A/S, DK-8700 Horsens