# Step by step Shortage on Demand Orders

An app for simple viewing if orders can be delivered.

This Step by step is made on Cronus Denmark Demo Data.

## Activate the APP

You need permission set to do this: Abakion App Manager SHORTAGEONDEMORDERS

Start by activating the App, by clicking on the notification (it is also possible to activate from Assisted setup- if this notification was set to "Don't Show this again".



Enter an e-mail address, and press next.



Finish the activation by pressing on finish.



You can verify that the app is activated by searching for Abakion APP manager setup, and see that Shortage on Demand Orders is set to True, in the Planning and Puchase tab. (required in order to go further in test of Shortage on Demand Orders)

Planning and Purchase Suite								
4	FLEXIBLE FORECAST	 REVERSE PLANNING	GRAPHICAL INVENTORY F	ROFI	PURCHASE ORDER MAN	AGEME	SHORTAGE ON DEMAND OF	RDERS

## Testing the APP

APP permissions: Make sure that your test user, beside standard BC permissions has the APP's permissions set:

- ABAKION APP MANAGER
- SHORTAGEONDEMORDERS

## Calculate Shortage Status on Sales Order.

Go to Sales Order List

Go to Actions – Functions – Calculate Shortage Report

Dynamics 365 Bus	iness Central									٥	. Q	Ø	?	A
Shortage or	n Demand O	rders Demo	Purchasing $\lor$ Inventory $\lor$	Posted Docu	ments ~ Se	tup & Extensic	ins $\vee$	Use Dynamics	~	=				
Sales Orders	Items Custo	mers Item Journals Sales .	Journals Cash Receipt Journals	Transfer Or	ders					_			5	~
Sales Orders:	All 🗸 📔 🔎 s	Search 🕂 New 📋 Delete	Report $\lor$ Order $\lor$ Release $\lor$	Posting $\sim$	Print/Send $\sim$	Navigate $\lor$		Open in Excel	Actions $\smallsetminus$		7	≣ 0	<b>X</b> 7	r C
	Call to				External		Assis	Functions	>	🔢 Planning				
No. ↑	Customer No.	Sell-to Customer Name	Shortage Status		No.	Location Code	ID	Request Approval	>	📴 Order Pro	nising			
1001	01121212	Spotsmeyer's Furnishings	Conflict Stock			GUL		🃼 Warehouse	>	强 Send IC Sa	iles Orde	r Cnfmn.		
101005	30000	Lauritzen Kontormøbler A/S						📲 Posting	>	× Delete Inv	oiced Sal	es Orders	ed	
101009	38128456	MEMA Ljubljana d.o.o.				RØD		- Duine		Coloulate I		Charles	ed	
101011	43687129	Designstudio Gmunden				RØD		- Print		Calculate :	snortage	Status	ed	
101013	46897889	Englunds Kontorsmöbler AB				GUL		Order Confirma	tion >	Calculate :	Shortage	Report	d	
101015	49633663	Autohaus Mielberg KG				GRØN		Display	>		23-01-2	022 Re	leased	1
101016	10000	Kontorcentralen A/S				BLÅ					27-01-2	022 Re	leased	

Choose an end date- that you want to calculate available stock to. A year a head.

Press OK

Dynamics 365 Business Central			Q D	© ?	A
Shortage on Demand Orders Demo Sales Purch	CALCULATE SALES ORDER SHORTAGE	:~ Use Dynamics ~ 📔 🚍			
Sales Orders Items Customers Item Journals Sales Journals				52	
Sales Orders: All ->   -> Search + New 🖹 Delete Report	Stop and show first error	🕼 Open in Excel 🛛 Actions 🗸 \cdots	\	ر پر 📕 آ	
	Generel End date · · · · · · 01-02-2023 📾				
Sell-to No. † Customer No. Sell-to Customer Name Shorta	Use Due dates	Assigned User D Created By	Document Date	Status	
1001 : 01121212 Spotsmeyer's Furnishings Confli	Include expected supplies · · · · ·	Christina Fausbøll	27-01-2022	Open	
101005 30000 Lauritzen Kontormøbler A/S	Only include Promised Sup		13-01-2022	Released	
101009 38128456 MEMA Ljubljana d.o.o.			21-01-2022	Released	
101011 43687129 Designstudio Gmunden	Filter: Sales Header		14-01-2022	Released	
101013 46897889 Englunds Kontorsmöbler AB			20-01-2022	Released	
101015 49633663 Autohaus Mielberg KG	+ Filter		23-01-2022	Released	
101016 10000 Kontorcentralen A/S	Filter totals by:		27-01-2022	Released	
101017 20000 Ravel Møbler	+ Filter		28-01-2022	Open	
101018 01454545 New Concepts Furniture			28-01-2022	Open	
101019 31987987 Candoxy Nederland BV			24-01-2022	Released	
101020 32789456 Lovaina Contractors	Schedule OK Cancel		28-01-2022	Open	
101022 38128456 MEMA Ljubljana d.o.o.			06-02-2022	Open	
101023 30000 Lauritzen Kontormøbler A/S			23-02-2022	Open	
104001 10000 Kontorcentralen A/S	BLÅ		19-01-2022	Open	
104002 20000 Ravel Møbler			19-01-2022	Open	
104003 30000 Lauritzen Kontormøbler A/S			19-01-2022	Open	

Now the column of *Shortage Status* is filled out.

All orders with *Shortage Status* "On Stock", will be able to ship right away without any conflicts between orders, in the period selected.

amics 365 B	usiness Central			Q D 🕲 🗄
Shortage	on Demand (	Orders Demo Sales V	Purchasing V Inventory	$\sim$ Posted Documents $\sim$ Setup & Extensions $\sim$ Use Dynamics $\sim$ $\equiv$
Sales Orders	Items Cust	omers Item Journals Sale	Journals Cash Receipt Jou	rnals Transfer Orders
Sales Orders:	All V I V	Search + New 📋 Delete	Report V Order V Rele	ase 🗸 Posting 🗸 Print/Send 🗸 Navigate 🗸 🖪 Open in Excel 🛛 Actions 🗸 🚥 🍸 🧮 🛈 📕
No. †	Sell-to Customer No.	Sell-to Customer Name	Shortage Status	External Assigned User Document Document Location Code ID Created By Date Status
1001	01121212	Spotsmeyer's Furnishings	Conflict Stock	GUL Christina Fausbøll 27-01-2022 Open
101005	30000	Lauritzen Kontormøbler A/S		13-01-2022 Released
101009	38128456	MEMA Ljubljana d.o.o.	Partial Stock	RØD 21-01-2022 Released
101011	43687129	Designstudio Gmunden	On Stock	RØD 14-01-2022 Released
101013	46897889	Englunds Kontorsmöbler AB	On Stock	GUL 20-01-2022 Released
101015	49633663	Autohaus Mielberg KG	Partial Stock	GRØN 23-01-2022 Released
101016	10000	Kontorcentralen A/S		BLÅ 27-01-2022 Released
101017	20000	Ravel Møbler	Partial Stock	28-01-2022 Open
101018	01454545	New Concepts Furniture	On Stock	GUL 28-01-2022 Open
101019	31987987	Candoxy Nederland BV	Partial Stock	GUL 24-01-2022 Released
101020	32789456	Lovaina Contractors	Partial Stock	GUL 28-01-2022 Open
101022	38128456	MEMA Ljubljana d.o.o.	On Stock	RØD 06-02-2022 Open
101023	30000	Lauritzen Kontormøbler A/S	On Stock	23-02-2022 Open
104001	10000	Kontorcentralen A/S	On Stock	BLÅ 19-01-2022 Open
104002	20000	Ravel Møbler	Conflict Stock	19-01-2022 Open
104003	30000	Lauritzen Kontormøbler A/S	Conflict Stock	19-01-2022 Open
104004	40000	Litware, Inc.	Conflict Stock	GUL 19-01-2022 Open
104005	60000	Mark Hifi-Shop	Partial Stock	HVID 19-01-2022 Open
104006	10000	Kontorcentralen A/S	On Stock	BLÅ 19-01-2022 Open

Open Order 101009 with "Partial Stock", in Shortage Status.

On the sales order lines, we can see the specification for each sales line. As one of the lines can only be delivered partial the whole order has received shortage status of "Partial stock".

	se Po	sting Prepa	are Order Request Approval	Print/Send Navi	gate	Actions Navig	ate Fewer option	ns			
🛗 Get IC informa	ation	🚰 Create Inve	ntoaway/Pick								
SELL-TO					Due I	Date · · · · · · · · ·		21-02-2022			
Contact Phone No.					Requ	ested Delivery Dat	te				
Contact Fax No. · ·					Exter	nal Document No					
Contact E-Mail					Creat	ed By					
Contact Role				~	Statu	eu by		Poloarad			
Contact · · · · · ·			g. Bostjan Lukan		Short	ago Status		Partial Stock			
Posting Date			30-01-2022		]	age Status		Tartial Stock			
Lines Mana	ge Lin	e Order	Fewer options								
Туре		No.	Description	Location Code	Quantity	Shortage Status	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	Unit Price Excl. VAT	
ightarrow Item		1976-W	INNSBRUCK Reol med trædør	GRØN	5	Partial Stock		_	STK	396,643	
		1964-W	INNSBRUCK Reol/dør	GRØN	2	On Stock		-	STK	452,17	
Item											

The sales order line which is in "Partial Stock" are with 5 pieces from location GRØN.

Mark the line, press on "Line-> Item Availability by-> Location"

∮ Functions ∨	Item Availability by ~	Related Information >	Search Items					-12
					500 to 510		measure coue	
$\rightarrow$ Item	Event Event	INSBRUCK Reol med trædør	GRØN	5	Partial Stock	-	STK	396,643
Item	E Period	INSBRUCK Reol/dør	GRØN	2	On Stock	_	STK	452,17
	💼 Variant							
	🚥 Location 🖉							
	📥 BOM Level							
Subtotal Excl. VAT (B			2.887,56	Total E	xcl. VAT (EUR)			2.887,5
	Unit of Measure		0.00	<b>T</b>	AT (5110)			0.00

ITEN	M AVAILABILITY	r BY	LOCATION - 1976-W · INM	SBRUCK REOL MED	TRÆDØ	r 🖉
Ор	tions					
Viev	w by · · · · · ·	Da	y 🗸	Date Filter	21-01-	22
Viev	was · · · · · ·	Ne	t Change 🗸 👻			
U	ines					
	Code		Name	Requir	ement	Scheduled Receip
$\rightarrow$	-	÷	(Unspecified Location)		0	
	BLA		Blåt lager		0	
	EGEN LOG.		Egen logistik		0	
Τ	GRØN	1	Grønt lager 🛛 🔓		3	
	GUL		Gult lager		0	
	HVID		Hvidt lager		0	
	RØD		Rødt lager		0	
	SØLV		Sølv-lager		0	
	UDL. LOG.		Udliciteret logistik		0	

Notice that only 3 is on stock on location grøn. That is why the Shortage Status is set to "partial stock". Giving the indication, that we can only ship partial of the requested quantity.

#### Go back to the Sales Order List.

Go to Actions – Functions – Calculate Shortage Report

mamics 365 B	usiness Central										Q	Ø	?	
Shortage	on Demand C	Orders Demo	Purchasing $\lor$ Inventory $\lor$	Posted Docur	nents – Se	tup & Extensio	ins $\vee$	Use Dynamics	~	≡				
Sales Orders	Items Cust	omers Item Journals Sales	Journals Cash Receipt Journals	Transfer Ord	lers					_				56
Sales Orders:	All 🗸 🛛 🔎	Search + New 📋 Delete	Report V Order V Release V	Posting $\lor$	Print/Send $\lor$	Navigate $\lor$		Open in Excel	Actions $\vee$		V	≣ 0		, K
					External			Functions	>	🔢 Planning				
No. †	Customer No.	Sell-to Customer Name	Shortage Status		No.	Location Code	ID	Request Approval	>	🛃 Order Pron	nising			
1001	01121212	Spotsmeyer's Furnishings	Conflict Stock			GUL		🚥 Warehouse	>	Send IC Sal	es Ordei	r Cnfmn.		
101005	30000	Lauritzen Kontormøbler A/S						🗣 Posting	>	× Delete Invo	iced Sali	es Orders	ed	1
101009	38128456	MEMA Ljubljana d.o.o.				RØD		Print	、 、	Calculate S	hortago	Statue	ed	I
101011	43687129	Designstudio Gmunden				RØD		_	ĺ.	Calculate 5	nontage	Status	e d	I
101013	46897889	Englunds Kontorsmöbler AB				GUL		🖃 Order Confirma	ation >	Calculate S	hortage	Report	d	I
101015	49633663	Autohaus Mielberg KG				GRØN		Display	>		23-01-2	022 Rel	eased	
101016	10000	Kontorcentralen A/S				BLÅ					27-01-2	022 Rel	eased	

#### RUN report to 01-10-2022

Order 109002 and 109003 both have status "Conflict stock". This mean- that I can deliver the order, but by doing so another order can't be delivered. So I need to Prioritize my orders, and manually decide which order to fulfill.

Dynamics 365 B	usiness Central											c	x 🗘 🌾	?
Shortage	on Demand C	Orders Demo Sales ~	Purchasing V Inventory V Poster	d Documents 🗸 🛛 Se	etup & Extensi	ons∨ Use Dy	mamics ~	=						
Sales Orders	Items Custo	omers Item Journals Sales	Journals Cash Receipt Journals Tran	sfer Orders										彩
Sales Orders:	Q ∖ vii	Search + New 🗎 Delete	Report ~ Order ~ Release ~ Post	ing $\lor$ Print/Send $\lor$	Navigate $\smallsetminus$	🕼 Open in Exc	el Actions ~	Navigate $\sim$	Report	- Fewer c	ptions		7 =	D 📕 💉
No. †	Sell-to Customer No.	Sell-to Customer Name	Shortage Status	External Document No.	Location Code	Assigned User ID	Created By		Document Date	Status	Compl Shipped	Amount Shipped Not Invoiced (LCY)	Amount Shippe Not Invoiced (LCV Incl. VA	4 0 T J
104008	30000	Lauritzen Kontormøbler A/S	Partial Stock						19-01-2022	Released	No	0,00	0,0	0
104009	40000	Litware, Inc.	Conflict Stock		GUL				19-01-2022	Released	No	0.00	0.0	0
104010	60000	Mark Hifi-Shop	Conflict Stock		HVID				19-01-2022	Released	No	0,00	0,0	0
104011	10000	Kontorcentralen A/S	Partial Stock		BLÅ				19-01-2022	Released	No	0.00	0.0	0
104012	20000	Ravel Møbler	Conflict Stock						19-01-2022	Released	No	0,00	0,0	0
104013	30000	Lauritzen Kontormøbler A/S	On Stock						19-01-2022	Released	No	0,00	0,0	0
104014	40000	Litware, Inc.	Conflict Stock		GUL				19-01-2022	Released	No	0.00	0.0	0
104015	61000	Guldborgvej Lyd	Conflict Stock		HVID				19-01-2022	Released	No	0,00	0,0	0
104016	60000	Mark Hifi-Shop	Conflict Stock		HVID				19-01-2022	Open	No	0,00	0.0	0
104017	61000	Guldborgvej Lyd	On Stock		HVID				19-01-2022	Open	No	0,00	0,0	0
104018	62000	Enhedsbutikken	Conflict Stock		HVID				19-01-2022	Open	No	0,00	0,0	0
104019	61000	Guldborgvej Lyd	Conflict Stock		HVID				31-01-2022	Released	No	0.00	0.0	0
104020	62000	Enhedsbutikken	Partial Stock		HVID				31-01-2022	Released	No	0,00	0,0	0
104021	60000	Mark Hifi-Shop	No Stock		HVID				19-01-2022	Released	No	0,00	0.0	0
109001	49633663	Autohaus Mielberg KG	Conflict Stock		GRØN				13-09-2022	Open	No	0,00	0,0	0
109002	43687129	Designstudio Gmunden	Conflict Stock	1	RØD				17-09-2022	Open	No	0,00	0,0	0
109003	38128456	MEMA Ljubljana d.o.o.	Conflict Stock		RØD				26-09-2022	Open	No	0.00	0.0	0
109004	43687129	Designstudio Gmunden	Conflict Stock		RØD				23-09-2022	Open	No	0,00	0,0	0
109005	38128456	MEMA Ljubljana d.o.o.	Complete Production		RØD				28-09-2022	Open	No	0.00	0.0	0
6001	49525252	Beef House	On Stock		GRØN				13-10-2022	Released	No	0,00	0,0	0
6002	49525252	Beef House	Partial Stock		GRØN				17-10-2022	Released	No	0,00	0,0	0 3
6003	49633663	Autohaus Mielberg KG	Conflict Stock		GRØN				23-10-2022	Released	No	0.00	0.0	0

Open order 109002. This contains one Item "1000" with a Quantity of 27 on location "blank".

Mark the line and pres on "Line-> Item Availability by-> Location".

Lines Manage # Functions V	Line Order Fewe	er options Related Information V 👫 S	earch Items				Instantis serves			1010 1751	ang sa ang	₩ 42
→ Item	Event	rkel	27	Conflict Stock		_	STK	723,471	25	14.650,29	27	
Pi Pi	Period											
<b>6</b> v	/ariant											
	.ocati@											_
Subtotal Excl. VAT (E 📥 B	BOM Level			14.650.29	Total Excl. VAT	(EUR) · · · · · ·						14.650.29
Inv. Discount Amoui 🏊 U	Jnit of Measure			0.00	Total VAT (EUR	R)						0,00
Invoice Discount %				0	Total Incl. VAT	(EUR)						14.650,29

🕅 nage 🖣 Previou	s Period 🕨 Next Period More opt	ions
ITEM AVAILABILITY BY	LOCATION - 1000 · CYKEL	2
Options		
View by · · · · Day	♥ Date Filter · · 17-09-22	
View as · · · · Net C	hange 💙	
		- 1
Lines		
Code	Name Requ	Gross irement
→ _ :	(Unspecified Location)	27
BLÅ	Blåt lager	0
EGEN LOG.	Egen logistik	0
GRØN	Grønt lager	0
GUL	Gult lager	0
HVID	Hvidt lager	0
RØD	Rødt lager	0
SØLV	Sølv-lager	0
UDL. LOG.	Udliciteret logistik	0
<		
	ОКС	incel

Notice that the Amount is 27, the same as on the order.

Post the order by clicking on Posting -> Post . Don't open the posted invoice.

sales order   work date: 27-01-2022 109002 · Designstudio Gmunden	Ø	+ 1		√SAVED 🖬 📌
Process Release Posting Prepare Order Request Approval Print/Send Navigate	Actions Navigate	Fewer options		C Show more
Customer Name · · · · · · · · · · · Designstudio Gmunden		Order Date	17-09-2022	
SELL-TO		Due Date	17-10-2022	
Contact Phone No.		Requested Delivery Date		
Contact Fax No.		External Document No		

On the Sales order list- run the Calculate Shortage report again: Actions – Functions – Calculate Shortage Report

Notice now that Order 1090003 now changes Shortage status to "Complete Production"- as all stock has been shipped and it is no longer any on stock.

But because this is an Production Item- I can see that it is possible to Produce items (all components are in stock), in order for the Order to be delivered.

Shortage	on Demand C	Orders Demo Sales V	Purchasing V Inventory V Posted Docu	uments $\lor$ Se	etup & Extensi	ons	nics 🗸 🔰	=							
Sales Orders	Items Custo	omers Item Journals Sales	Journals Cash Receipt Journals Transfer O	irders											53
Sales Orders:	All V   P	Search 🕂 New 📋 Delete	${\sf Report} \lor \qquad {\sf Order} \lor \qquad {\sf Release} \lor \qquad {\sf Posting} \lor$	Print/Send $\sim$	Navigate $\smallsetminus$	Dpen in Excel	Actions $\lor$	Navigate	Report •	<ul> <li>Fewer o</li> </ul>	ptions		⊽ ≡	0	,×
No.†	Sell-to Customer No.	Sell-to Customer Name	Shortage Status	External Document No.	Location Code	Assigned User ID Cre	ated By		Document Date	Status	Compl Shipped	Amount Shipped Not Invoiced (LCY)	Amount Shippe Not Invoiced (LC Incl. Vi	id 1) 17	,
104007	20000	Ravel Møbler	Partial Stock						19-01-2022	Open	No	0.00	0,0	10	
104008	30000	Lauritzen Kontormøbler A/S	Partial Stock						19-01-2022	Released	No	0.00	0.0	10	
104009	40000	Litware. Inc.	Conflict Stock		GUL				19-01-2022	Released	No	0.00	0.0	10	
104010	60000	Mark Hifi-Shop	Conflict Stock		HVID				19-01-2022	Released	No	0.00	0.0	10	
104011	10000	Kontorcentralen A/S	Partial Stock		BLÅ				19-01-2022	Released	No	0,00	0,0	0	
104012	20000	Ravel Møbler	Conflict Stock						19-01-2022	Released	No	0,00	0,0	0	
104013	30000	Lauritzen Kontormøbler A/S	On Stock						19-01-2022	Released	No	0,00	0,0	0	
104014	40000	Litware, Inc.	Conflict Stock		GUL				19-01-2022	Released	No	0,00	0,0	10	
104015	61000	Guldborgvej Lyd	Conflict Stock		HVID				19-01-2022	Released	No	0.00	0.0	10	
104016	60000	Mark Hifi-Shop	Conflict Stock		HVID				19-01-2022	Open	No	0.00	0.0	10	
104017	61000	Guldborgvej Lyd	On Stock		HVID				19-01-2022	Open	No	0.00	0.0	0	
104018	62000	Enhedsbutikken	Conflict Stock		HVID				19-01-2022	Open	No	0.00	0.0	10	1
104019	61000	Guldborgvej Lyd	Conflict Stock		HVID				31-01-2022	Released	No	0,00	0,0	10	1
104020	62000	Enhedsbutikken	Partial Stock		HVID				31-01-2022	Released	No	0,00	0,0	10	1
104021	60000	Mark Hifi-Shop	No Stock		HVID				19-01-2022	Released	No	0,00	0,0	10	
109001	49633663	Autohaus Mielberg KG	Complete Production		GRØN				13-09-2022	Open	No	0,00	0,0	10	
109003	38128456	MEMA Ljublji 🖓 a d.o.o.	Complete Production		RØD				26-09-2022	Open	No	0.00	0,0	10	
109004	43687129	Designstudio Gmunden	Complete Production		RØD				23-09-2022	Open	No	0.00	0.0	10	
109005	38128456	MEMA Ljubljana d.o.o.	Complete Production		RØD				28-09-2022	Open	No	0.00	0.0	10	
6001	49525252	Beef House	On Stock		GRØN				13-10-2022	Released	No	0,00	0,0	0	
6002	49525252	Reaf House	Partial Stock		GRAN				17-10-2022	Palascarl	No	0.00	0.	n	

#### Open Order 1090003.

#### Press on the "Complete Production" in Shortage Status on the item line.

Flocess helease	cess Release Posting Prepare Order Request Approval Print/Send Navigate Actions Navigate Fewer options														
🚡 Get IC information	🚱 Create Inve	ntoaway/Pick													
General													Show m		
Customer Name		MEMA Ljubljana d.o.	2.			Order Date			26-09-202	22			ſ		
SELL-TO						Due Date			26-10-202	22			E		
Contact Phone No.						Requested D	elivery Date						6		
Contact Fax No.						External Doc	ument No.								
Contact E-Mail						Created By									
Contact Role					~	Status									
Contact · · · · · · · · · · ·		g. Bostjan Lukan				Shortage Status									
Posting Date		26-09-2022			<u> </u>	2									
Lines Manage	Line Order	Fewer options											E		
Туре	No.	Description	Location Code	Quantity	Shortage Status	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT	Qty. to Ship	Q SI		
→ Item	: 1000	Cykel		16	Complete Pro		-	STK	723,471	25	8.681,65	16			

Here we get an overview over the production BOM and can see that all Items in On Stock.

Manage											
VIEW - SHORTAGE ON	DEMAND ORDERS - 1900										, <sup>⊭</sup> ×
Item Number											
Location Code											
Production BOM · · · ·											
BOM Version		La .									
Questitu											16.00
Quantity											16,00
Unit of measure code				STK							
Inventory · · · · · ·											5
Qty. on Purch. Order											_
Earliest confirmed Del.	date · · · · · · · · · · · · · · · · · · ·										
Tee liter and be ready				-							
top item can be produ	ced										
ltem No. †	Location Code †	Variant Code †	Description	Production Bom No.	Version Code	Shortage Status	Quantity per	Unit of Measure Code	Quantity Needed	Replenishment System	Inventory
1100			Forhjul	1100		On Stock	1	STK	16	Prod. Order	152 ^
1200			Baghjul	1200		On Stock	1	STK	16	Prod. Order	152
1300			Kædesaml	1300		On Stock	1	STK	16	Prod. Order	152
1400			Stænkskærm, for			On Stock	1	STK	16	Purchase	152
1450			Stænkskærm han			On Stock	1	STK	16	Purchase	152 *
							•				Close

## Include Expected Supply

Notice Order 104002 this is in conflict Stock

imics 365 Bu	usiness Central									Q	٥	© ?	2
hortage o	on Demand O	Orders Demo Sales	Purchasing ~ Inv	entory ~ P	osted Docu	ments 🗸 🦷 Set	tup & Extensio	ons 🗸 🛛 Use Dynan	nics 🗸 🛛 🔳				
les Orders	Items Cust	omers Item Journals Sale	s Journals Cash Rece	pt Journals	Transfer Or	ders							
les Orders:	All 🗸 🔰 🔎	Search + New 🔋 Delete	Report $\sim$ Order $\sim$	Release $\lor$	Posting $\lor$	Print/Send $\lor$	Navigate $\smallsetminus$	💶 Open in Excel	Actions $\sim$		∀ ≡	0	
io. †	Sell-to Customer No.	Sell-to Customer Name	Shortage Status			External Document No.	Location Code	Assigned User ID Cre	ited By	0	ocument ate	Status	
001	01121212	Spotsmeyer's Furnishings	Conflict Stock				GUL	Ch	istina Fausbøll	2	7-01-2022	Open	
01005	30000	Lauritzen Kontormøbler A/S								1	3-01-2022	Released	1
101009	38128456	MEMA Ljubljana d.o.o.	Partial Stock				RØD			2	1-01-2022	Released	1
101011	43687129	Designstudio Gmunden	On Stock				RØD			1	4-01-2022	Released	5
101013	46897889	Englunds Kontorsmöbler AB	On Stock				GUL			2	0-01-2022	Released	;
01015	49633663	Autohaus Mielberg KG	Partial Stock				GRØN			2	3-01-2022	Released	i
101016	10000	Kontorcentralen A/S					BLA			2	7-01-2022	Released	1
101017	20000	Ravel Møbler	Partial Stock	l≥						2	8-01-2022	Open	
101018	01454545	New Concepts Furniture	On Stock				GUL			2	8-01-2022	Open	
101019	31987987	Candoxy Nederland BV	Partial Stock				GUL			2	4-01-2022	Released	1
101020	32789456	Lovaina Contractors	Partial Stock				GUL			2	8-01-2022	Open	
101022	38128456	MEMA Ljubljana d.o.o.	On Stock				RØD			c	6-02-2022	Open	
101023	30000	Lauritzen Kontormøbler A/S	On Stock							2	3-02-2022	Open	
104001	10000	Kontorcentralen A/S	On Stock				BLÅ			1	9-01-2022	Open	
104002	20000	Ravel Møbler	Conflict Stock							1	9-01-2022	Open	
104003	30000	Lauritzen Kontormøbler A/S	Conflict Stock							1	9-01-2022	Open	
04004	40000	Litware. Inc.	Conflict Stock				GUL			1	9-01-2022	Open	
04005	60000	Mark Hifi-Shop	Partial Stock				HVID			1	9-01-2022	Open	
04006	10000	Kontorcentralen A/S	On Stock				BLÅ			1	9-01-2022	Open	

CALCULATE SALES ORDER SHORTAGE	2
Stop and show first error · · · · ·	
Generel End date · · · · · · · 01-10-2022	
Use Due dates	- 1
Include expected supplies · · · · ·	
Only include Promised Sup	- 1
	- 1
Filter: Sales Header	
+ Filter	
Filter totals by:	
+ Filter	
Schedule OK	Cancel

Now run the Calculate Shortage Report again. In the request mark, that we want to "include expected supplies". Now the report will take all incoming supply into consideration, when looking at if the order can be fulfilled. Now Order 104002 have changes status to On Stock, because there will be enough stock taking expected received item into the calculation.

Shortage o	on Demand O	rders Demo Sales V	Purchasing $\lor$ Inver	ntory ~ Posted Docu	iments $\vee$ Se	tup & Extensio	ons 🗸 🛛 Use D	lynamics $\sim$ $\parallel$ $\equiv$						
Sales Orders	Items Custo	omers Item Journals Sales	Journals Cash Receip	t Journals Transfer O	rders									58
Sales Orders:	All V   P	Search 🕂 New 📋 Delete	Report $\lor$ Order $\lor$	Release $\lor$ Posting $\lor$	Print/Send $\lor$	Navigate $\sim$	Dpen in E	ccel Actions $\lor$	Navigate ~ Report ~	Fewer o	ptions		7 = 0	<b>■</b> <i>s</i> <sup>2</sup>
No.†	Sell-to Customer No.	Sell-to Customer Name	Shortage Status		External Document No.	Location Code	Assigned User ID	Created By	Document Date	Status	Compl Shipped	Amount Shipped Not Invoiced (LCY)	Amount Shipped Not Invoiced (LCY) Incl. VAT	,
1001	01121212	Spotsmeyer's Furnishings	Complete Production			GUL		Christina Fausbøll	27-01-2022	Open	No	0.00	0.00	
101005	30000	Lauritzen Kontormøbler A/S							13-01-2022	Released	Yes	13.676,20	17.095,25	
101009	38128456	MEMA Ljubljana d.o.o.	Partial Stock			RØD			21-01-2022	Released	No	6.886,02	6.886,02	
101011	43687129	Designstudio Gmunden	On Stock			RØD			14-01-2022	Released	No	0.00	0.00	
101013	46897889	Englunds Kontorsmöbler AB	On Stock			GUL			20-01-2022	Released	No	0,00	0,00	
101015	49633663	Autohaus Mielberg KG	On Stock			GRØN			23-01-2022	Released	No	53.094,02	53.094,02	
101016	10000	Kontorcentralen A/S				BLÅ			27-01-2022	Released	Yes	3.599.00	4.498.75	
101017	20000	Ravel Møbler	Partial Stock						28-01-2022	Open	No	0.00	0.00	
101018	01454545	New Concepts Furniture	On Stock			GUL			28-01-2022	Open	No	0,00	0,00	
101019	31987987	Candoxy Nederland BV	Partial Stock			GUL			24-01-2022	Released	No	14.319,89	14.319.89	
101020	32789456	Lovaina Contractors	Partial Stock			GUL			28-01-2022	Open	No	0.00	0.00	
101022	38128456	MEMA Ljubijana d.o.o.	On Stock			RØD			06-02-2022	Open	No	0,00	0,00	
101023	30000	Lauritzen Kontormøbler A/S	On Stock						23-02-2022	Open	No	0,00	0,00	1
104001	10000	Kontorcentralen A/S	On Stock			BLÅ			19-01-2022	Open	No	0.00	0.00	
104002	20000	Ravel Møbler	On Stock						19-01-2022	Open	No	0,00	0,00	
104003	30000	Lauritzen Kontormøbler A/S	Conflict St On Stock						19-01-2022	Open	No	0.00	0.00	
104004	40000	Litware. Inc.	On Stock			GUL			19-01-2022	Open	No	0.00	0.00	
104005	60000	Mark Hifi-Shop	Conflict Stock			HVID			19-01-2022	Open	No	0,00	0,00	

## Calculate Shortage Status on Production Order.

Search for Released Production order

Dynamics 365	5 Business Central		9 D ()	? 🔥
< < ≤	SALES ORDER   WORK DATE: 27-01-2022	TELL ME WHAT YOU WANT TO DO	√SAVED 🗂 🖈	
1	109003 · MEMA Ljubljana d.o.o.	released pro		
	Process Release Posting Prepare Order Request Approval Pr	On current page (Sales Order)		
	Create Inventoaway/Pick	Release Release the document to the next stage of processing. When a document is released, it wi	18	
0	General	Go to Pages and Tasks	Show more	
	Customer Name MEMA Ljubljana d.o.o.	> Released Production Orders	26-10-2022	
2	SELL-TO	Didn't find what you were looking for? Try exploring	··· 📄	
0	Contact Phone No.	External Document No.		

Go to Actions – functions. Calculate Shortage Report

Dynamics 365 Business Central				
CELEASED PRODUCTION ORDERS   WORK DATE: 2	27-01-2022			
	Report 🛛 Open in Excel Actions	Navigate Report	Fewer options	
∮ Functions ∨				
🗳 Change Status	er LS-100 Conflict Production		15 31-12-2020 08:00	31-12-2020 23:00 01-01-2021
🕏 Update Unit Cost	er LS-100 Conflict Production		12 31-12-2020 08:00	31-12-2020 23:00 01-01-2021
Create Inventory Put-away/Pick/Movement	er LS-100 Conflict Production		10 31-12-2020 08:00	31-12-2020 23:00 01-01-2021
😪 Calculate Shortage Status	1000	1000	27 30-01-2022 08:00	30-01-2022 23:00 29-01-2022
Calculate Shortage Report	1000 Complete Production	1000	16 30-01-2022 08:00	30-01-2022 23:00 29-01-2022
1011004 Cykel	1000	1000	45 21-10-2022 11:32	28-10-2022 16:00 29-10-2022

CALCULATE PRODUCTION ORDER SHORTAGE
Stop and show first error
Generel End date · · · · · · 01-10-2022
Use Due dates · · · · · · · · · · · · · · · · · · ·
Include expected supplies
Only include Promised Sup
Filter: Production Order
+ Filter
+ Filter Filter totals by:
+ Fiter Filter totals by: + Fiter
+ Filter. Filter totals by: + Filter
+ Filter. Filter totals by: + Filter
+ Filter. Filter totals by: + Filter Schedule OK Cancel

### Set the general End date to 01-10-2022

Shortage status is now prefilled, and it is possible to manually prioritize the orders to handle.

Productioner orde 1011002 is already produced, and therefore blank. Order 1011004 is outside the filter we updated for and is therefore also blank.

~	RELEASED PR	0DU	CTION ORDERS   WORK DATE: 27-0	01-2022							
	🔎 Search	+ 1	New Manage Process R	eport 🚺 Op	en in Excel Actions	Navigate Report	Fewer options				
	No. †	No. † Description Source No.				Routing No.	Quantity	Starting Date-Time	Ending Date-Time	Due Date	Assigned ID
	101001	÷	100W OakwoodDeluxe-højttaler LS-100		Conflict Production		15	31-12-2020 08:00	31-12-2020 23:00	01-01-2021	
	101002		100W OakwoodDeluxe-højttaler	LS-100	Conflict Production		12	31-12-2020 08:00	31-12-2020 23:00	01-01-2021	
	101003		100W OakwoodDeluxe-højttaler	LS-100	Conflict Production		10	31-12-2020 08:00	31-12-2020 23:00	01-01-2021	
	1011002		Cykel	1000		1000	27	30-01-2022 08:00	30-01-2022 23:00	29-01-2022	
	1011003		Cykel	1000	Complete Production	1000	16	30-01-2022 08:00	30-01-2022 23:00	29-01-2022	
	1011004	:	Cykel	1000 🎝		1000	45	21-10-2022 11:32	28-10-2022 16:00	29-10-2022	