

# Advanced Allocations & Order Reservations

## Add Significant Functionality to Overall Inventory Management

The allocation of inventory to specific transactions is not always a simple and straight forward decision, it is however, a key factor in maintaining high customer service levels.

With Resolv Advanced Allocations & Order Reservations this process is streamlined and automated, helping to increase customer service levels, fill rates and overall efficiencies within warehouse operations.

## Core Features and Functionality

- Auto generate SAP pick lists based on user defined templates.
- SAP picklists are created using the scheduler
- Item and bin level allocation options
- Labor assignment rules for picking assignments
- Create allocation rules based on SAP Queries
- Auto backorder release and consolidated shipping
- User defined order priorities

## Order Reservations Features

Reserve against demand documents using inventory or supply documents.

**Pick Ticket Query Details**

Rule Query Name:

Rule Query Description:

Use Sales Orders  
 Use Reserve Invoices  
 Use Production Order  
 Use Inventory Transfer Requests  
 Use SAP saved query

**Query**

```

SELECT
'Any Picker' AS "Name",
IFNULL(OU.SR."U_NAME",) AS "Owner Code",
ORDR."DocDate" AS "Pick Date",
ORDR."Comments" AS "Remarks",
'Y' AS "Inventory UoM",
ORDR."DocEntry" AS "Order Entry",
ORDR."DocNum" AS "Doc No",
RDR1."LineNum" AS "Order Row ID",
RDR1."OpenInvQty" - SUM(IFNULL(PKL1."PrevReleas",0)) AS "Released Quantity",
ORDR."ObjType" AS "Base Object Type",
RDR1."ItemCode" AS "Item No."

FROM ORDR
LEFT JOIN RDR1 ON RDR1."DocEntry" = ORDR."DocEntry"
        
```

**Pick Ticket Rules**

Rule Name:

Rule Description:

Rule Type:

Transaction Details:

Query Details:

Pick Action:

Scheduler:

Active:

OK Cancel

Use queries to tell the system when to automatically create your pick lists and for which clients. You can also use queries to create automatic allocation rules for inventory management.

**Advanced Allocations Scheduler - Setup**

Name:  Rules in Schedule

Schedule Type:   Enabled

One-Time Occurrence

Date:  Time:

Frequency

Occurs:

Recurrs Every:  day(s)

Daily Frequency

Occurs once at 
 Occurs every  Minute(s)

Starting at:  Ending at:

Duration

Start date: 
 End date 
 No end date

Using the scheduler, you can manage how often the system creates pick lists and/or releases inventory inside of SAP Business One automatically. All of the automated processes occur in the background without user intervention.

**Sales Order**

Customer: C40000, Name: Amazon.com, Contact Person: Bob McKensly, Customer PO #: , Local Currency:

No. Primary: 1597, Status: Open, Posting Date: 09/24/2021, Delivery Date: 09/27/2021, Document Date: 09/24/2021

Item/Service Type	Item	Unit Price	Quantity	Rental Billing Cycle	Rental Quantity	Rental Discount %	Total (LC)	Rent ...
1	3237777 Rotary Even Foot Set	44.70 \$	1				43.36 \$	
2	70001 3M Command - 2lb Dam	3.04 \$	2				6.08 \$	
3	3160QDC2 Canon PowerShot G9 X	436.88 \$	2				873.76 \$	
4								

Sales Employee: Thomas Shelby, Owner: Kennedy, Shannon

Total Before Discount: 923.20 \$, Discount: %, Freight: , Rounding: , Tax: , Total: 923.20 \$

Remarks:

Buttons: OK, Add Draft & New, Cancel, Recalc Prices, EDI Fields, Reservations, Copy From, Copy To

**Order Reservations**

Item No.: 3160QDC2, Warehouse: Long Island Warehouse, Delivery Date From: , To: 09/27/2021, Find Sales Doc No.: 1597, Sales Doc Type: Sales Orders

Allocated & Reserved Items  
 Unreserved Items  
 Both

In Stock & Supply Documents															
Type	Document	Vendor	Order Date	Row	Deliver Date	Ordered	Open	UoM	Per Unit	Inv Qty	Picked Qty	Released Qty	Inv UoM	Allocated	Rese...
1	IN	In Stock				0.00	103.000	Each	1.00	103.000	2.00	0.00	Each	2.00	2.00
2	PO	1331 V10000	10/16/2019	0	10/16/2019	50.00	50.000	Each	1.00	50.000	0.00	0.00	Each	0.00	0.00
3	PO	1379 V10000	11/27/2019	0	11/30/2019	1.00	1.000	Each	1.00	1.000	0.00	0.00	Each	0.00	0.00
										154.000	2.00		2.00	2.00	

Demand Documents														
Type	Document	Customer	Order Date	Row	Deliver Date	Ordered	Open	UoM	Per Unit	Inv Qty	Inv UoM	Allocated	Reserved	Unreserved
1	SO	1597 C40000	09/24/2021	2	09/27/2021	2.000	2.000	Each	1.00	2.00	Each	0.00	2.00	0.00
										2.00		2.00		

Buttons: Update, Cancel, Display All, Display Selected Doc, Manage Reservations, File Export

Managing inventory using hard allocations on your stock, incoming inventory transfers, or purchase orders.