

# **Split by Picking Area App** for Microsoft Dynamics 365 Business Central

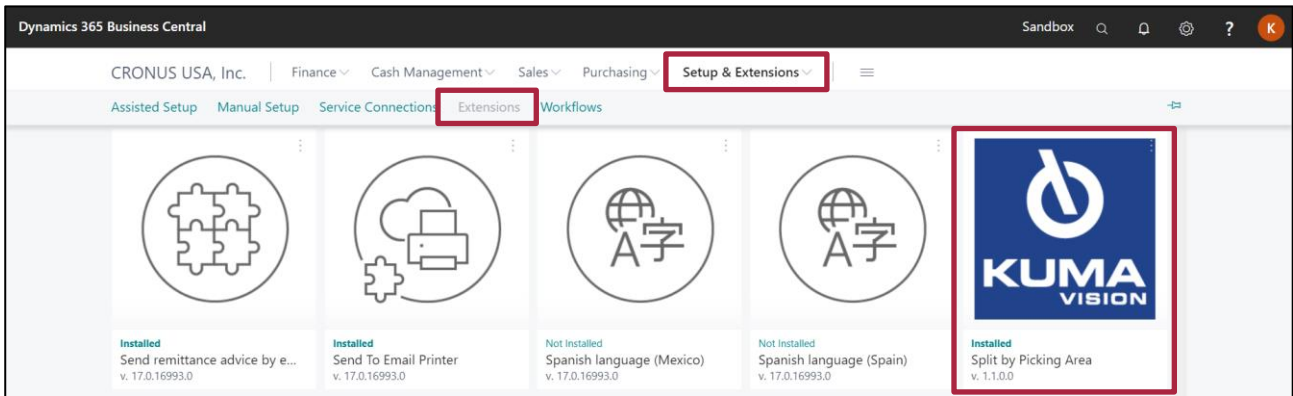
## **User Scenario Documentation**

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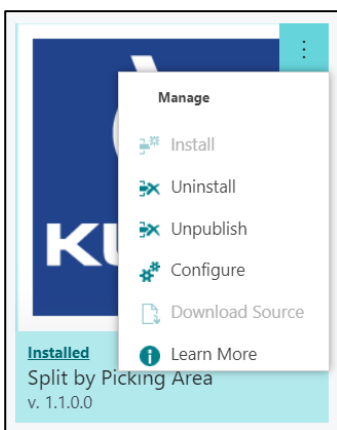
# 1 Installation

## 1.1 Open Extensions Page



1. Open the extensions page via *Setup & Extensions*.
2. Open *Extensions* or use the “Tell-Me-functionality” to do this.
3. Search “Split by Picking Area”.

## 1.2 Installation of the Extension „Split by Picking Area“



1. Click on *Install*.
2. Accept the terms and conditions.
3. Confirm with “ok”.



## 2 Objectives of the App

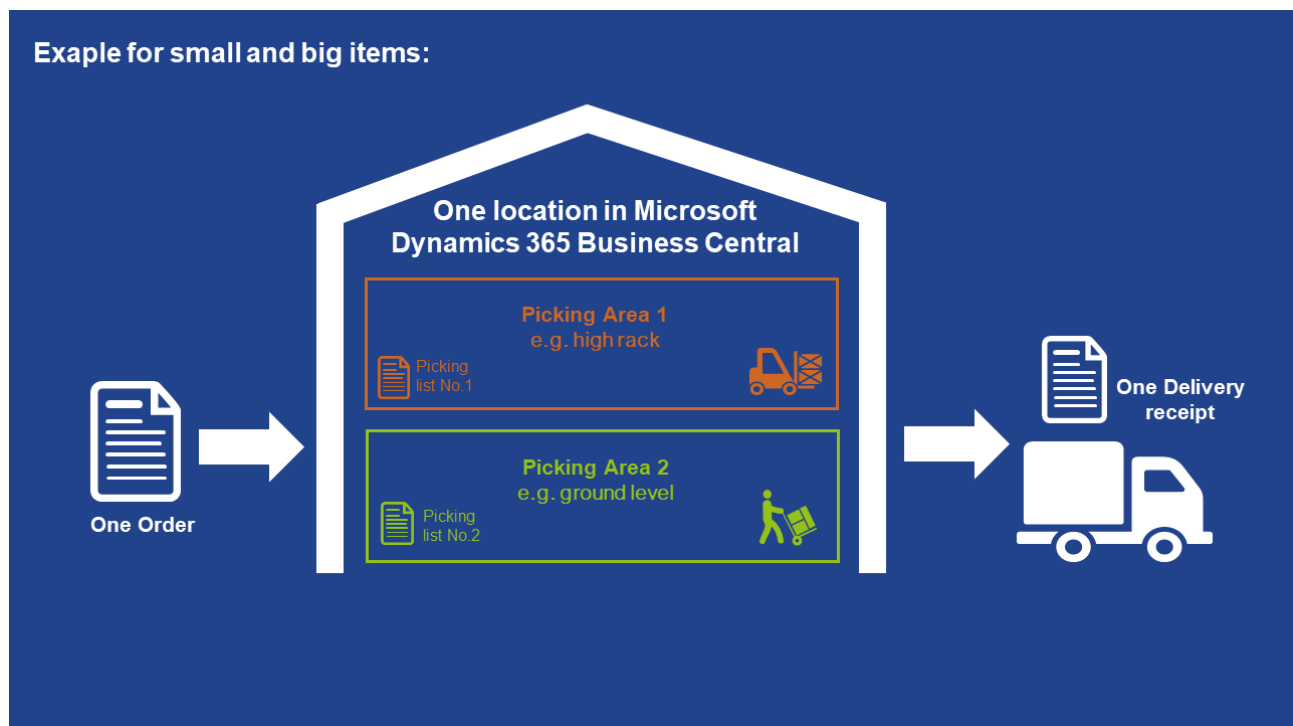
The “**Split by Picking Area**” app from KUMAVISION based on Microsoft Dynamics 365 Business Central supports you in the picking of articles in an optimum way.

The app suggests split your picking by different picking areas, even though you only have one location. Although you have different picks for one order you will receive one delivery receipt for your customer.

## 3 Application Examples

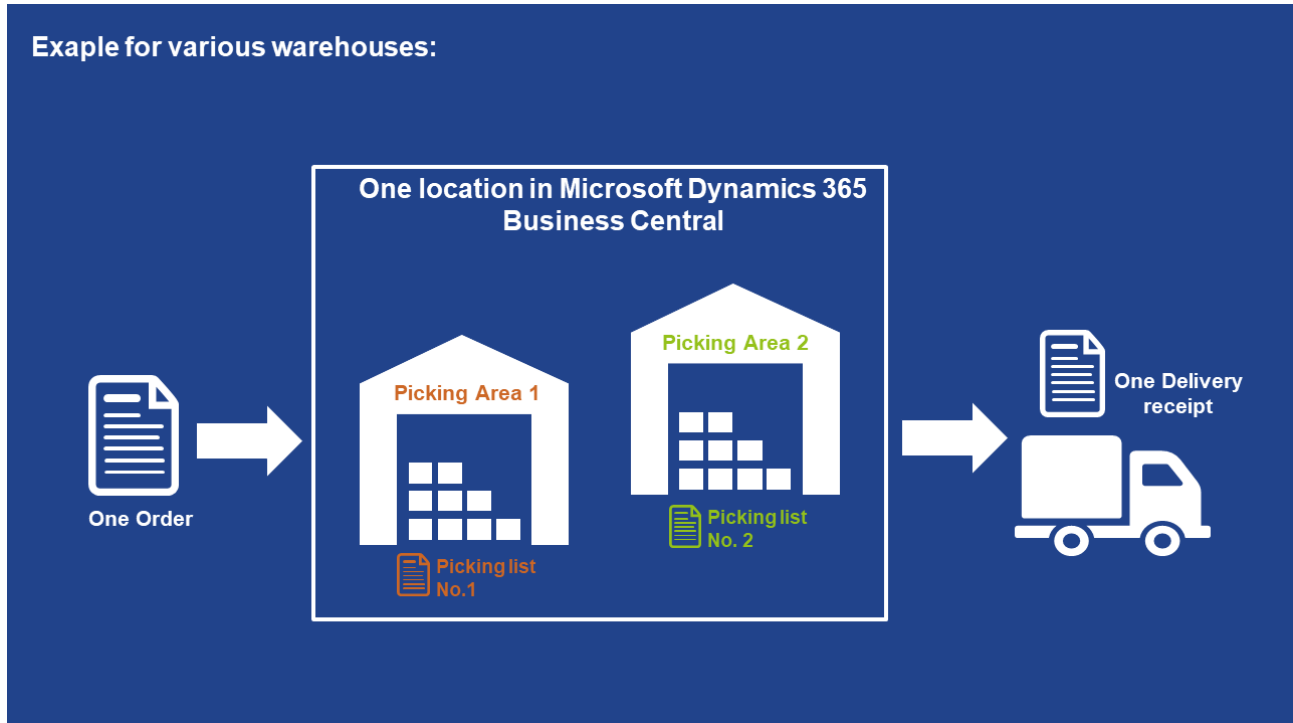
### 3.1 Example 1 „Small and big items“

Your articles are stocked in a location where your warehouse workers pick articles from ground level manually and articles from high rack by with stapler. Therefore you create two picking areas. When you will receive an order with articles mixed from high rack and ground level you will get two picking notes. This enables your warehouse workers to first complete all manual pickings and then all pickings from the high rack.



### 3.2 Example 2 „Various Warehouses“

Your main warehouse consists of various warehouses. The app suggests separate picking lists for each warehouse – instead of creating one picking list for all warehouses.



## 4 Process Description

### 4.1 Prepare location

Open the location you want to attach with picking areas. Turn the switch to *Split Picks by Picking Area* „on“. It is important to set the *Require Shipment* and *Require Pick* „on“. This setting is required for the use of the app „Split by Picking Area“.

Hint: The switch *Split Picks by Picking Area* is a field which comes in through the app. All other fields are standard fiels in Business Central.

The screenshot shows the 'Location Card' for 'SPLIT · Split Warehouse'. The 'Warehouse' section contains the following settings:

- Require Receive:
- Require Shipment:  (highlighted with a red box)
- Require Put-away:
- Use Put-away Worksheet:
- Require Pick:  (highlighted with a red box)
- Bin Mandatory:
- Directed Put-away and Pick:
- Use ADCS:
- Default Bin Selection: Fixed Bin
- Outbound Whse. Handling Time: [Empty field]
- Inbound Whse. Handling Time: [Empty field]
- Base Calendar Code: [Empty field]
- Customized Calendar: No
- Use Cross-Docking:
- Cross-Dock Due Date Calc: [Empty field]
- Split Picks By Picking Area:  (highlighted with a red box)

## 4.2 Create picking areas

Open picking area list. For each location you can define different picking areas. You must define the code (picking area) and the location code.

For example: Picking area ground level and picking area high rack.

Picking Area List | Work Date: 4/6/2020

Search + New Edit List Delete Open in Excel

Location Code ↑	Code ↑	Description
→ SPLIT	GROUND	Ground Level
SPLIT	HIGH	High Rack

## 4.3 Match location, bins and picking areas

Open the bins in your location you want to setup picking areas. For each bin you can fill in the picking area code.

Location SPLIT | Work Date: 4/6/2020

✓ Saved

Bins Search + New Edit List Delete Open in Excel More options

Code ↑	Picking Area Code	Description	Empty	Dedicated
→ A-01-001	GROUND	Rack A - Section 01 - Level 001	<input type="checkbox"/>	<input type="checkbox"/>
A-01-002	HIGH	Rack A - Section 01 - Level 002	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A-01-003	HIGH	Rack A - Section 01 - Level 003	<input type="checkbox"/>	<input type="checkbox"/>
A-02-001	GROUND	Rack A - Section 02- Level 001	<input type="checkbox"/>	<input type="checkbox"/>
A-02-002	HIGH	Rack A - Section 02- Level 002	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A-02-003	HIGH	Rack A - Section 02- Level 003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B-01-001	GROUND	Rack B - Section 01- Level 001	<input type="checkbox"/>	<input type="checkbox"/>
B-01-002	HIGH	Rack B - Section 01- Level 002	<input type="checkbox"/>	<input type="checkbox"/>
B-01-003	HIGH	Rack B - Section 01- Level 003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B-02-001	GROUND	Rack B - Section 02- Level 001	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B-02-002	HIGH	Rack B - Section 02- Level 002	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B-02-003	HIGH	Rack B - Section 02- Level 003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SHPT		Shipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## 4.4 Run the picking process

Create a sales order. Release the order.

Sales Order | Work Date: 4/6/2020

S-ORD101010 · Adatum Corporation

Process Report Release Posting Prepare Order Request Approval Print/Send Navigate Actions Related Reports Fewer options

**General** Show more

Customer Name: Adatum Corporation Due Date: 5/6/2020  
 Contact: Robert Townes Requested Delivery Date:  
 Posting Date: 4/6/2020 External Document No.:  
 Order Date: 4/6/2020 Status: Released

Lines | Manage | More options

Type	No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	Unit Price Excl. Tax	Tax Area Code	Tax Group Code	Line Discount %	Line Amount Excl. Tax	Amount Including Tax
Item	1908-S	AMSTERDAM Lamp	SPLIT	1			PCS	190.10	ATLANTA, GA	FURNITURE		190.10	201.1
Item	1900-S	ANTWERP Conference Table	SPLIT	1			PCS	192.80	ATLANTA, GA	FURNITURE		192.80	204.1
Item	1936-S	BERLIN Guest Chair, yellow	SPLIT	1			PCS	192.80	ATLANTA, GA	FURNITURE		192.80	204.1
→ Item	1900-S	PARIS Guest Chair, black	SPLIT	1			PCS	192.80	ATLANTA, GA	FURNITURE		192.80	204.1

Create warehouse shipment. Then create warehouse pick lines.

WAREHOUSE PICK LINES | WORK DATE: 06.04.2020

Warehouse Activity Lines | Search | Card | Show Whse. Document | Open in Excel | More options

No.	Source Line No.	Location Code	Picking Area Code	Bin Code	Quantity	Unit of Measure Code	Item No.	Description
WPICK000013	10000	CENTRAL	HIGH	A03	1	PCS	1896-S	ATHENS Desk
WPICK000013	10000	CENTRAL		WA	1	PCS	1896-S	ATHENS Desk
WPICK000013	20000	CENTRAL	HIGH	B04	1	PCS	1968-S	MEXICO Swivel Chair, black
WPICK000013	20000	CENTRAL		WA	1	PCS	1968-S	MEXICO Swivel Chair, black
WPICK000014	30000	CENTRAL	GROUND	C01	1	PCS	1928-S	AMSTERDAM Lamp
WPICK000014	30000	CENTRAL		WA	1	PCS	1928-S	AMSTERDAM Lamp

## 4.5 Take picking lists

For each picking area you will get a separate picking list. Below you can see two picking lists from our practical example.

**Picking List**  
CRONUS USA, Inc.

19. August 2020  
16:57:53  
Page 1  
ADMIN

Warehouse Activity Header: Type: Pick, No.: WPICK000013

Location Code: CENTRAL  
No.: WPICK000013

Source Document	Source No.	Destination Type	Destination No.	Due Date	Action Type	Item No.	Description	Variant Code	Zone Code	Bin Code	Qty. (Base)	Qty. to Handle	Unit of Measure Code	Qty. Handled
Sales O	S-ORD101	Customer	10000	06.04.20	Take	1896-S	ATHENS Desk			A03	1	1	PCS	
Sales O	S-ORD101	Customer	10000	06.04.20	Place	1896-S	ATHENS Desk			WA	1	1	PCS	
Sales O	S-ORD101	Customer	10000	06.04.20	Take	1968-S	MEXICO Swivel Chair, black			B04	1	1	PCS	
Sales O	S-ORD101	Customer	10000	06.04.20	Place	1968-S	MEXICO Swivel Chair, black			WA	1	1	PCS	

**Picking List**  
CRONUS USA, Inc.

19. August 2020  
17:03:21  
Page 1  
ADMIN

Warehouse Activity Header: Type: Pick, No.: WPICK000014

Location Code: CENTRAL  
No.: WPICK000014

Source Document	Source No.	Destination Type	Destination No.	Due Date	Action Type	Item No.	Description	Variant Code	Zone Code	Bin Code	Qty. (Base)	Qty. to Handle	Unit of Measure Code	Qty. Handled
Sales O	S-ORD101	Customer	10000	06.04.20	Take	1928-S	AMSTERDAM Lamp			C01	1	1	PCS	
Sales O	S-ORD101	Customer	10000	06.04.20	Place	1928-S	AMSTERDAM Lamp			WA	1	1	PCS	

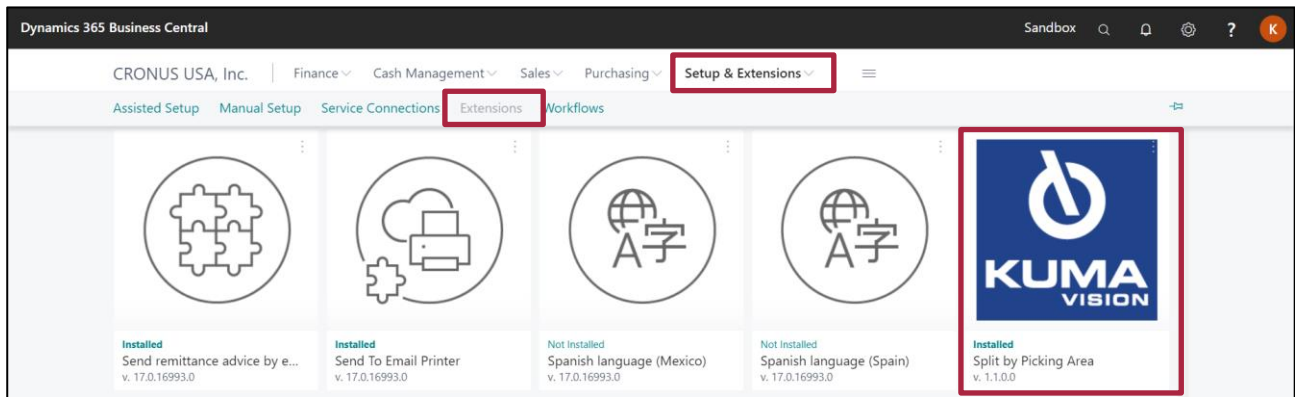


## 5 Uninstall App

The following steps describe how to uninstall and unpublish the app.

### 5.1 Uninstall

#### 5.1.1 Open extensions page



1. Open the extensions page via *Setup & Extensions*.
2. Open *Extensions* or use the “Tell-Me-functionality” to do this.
3. Search “Split by Picking Area”.

#### 5.1.2 Uninstall the Extension „Split by Picking Area “



1. Select the extension “Split by Picking Area” by clicking on it.
2. To uninstall the extension, click the *Uninstall* button.
3. Confirm the *Uninstall* by “ok”.