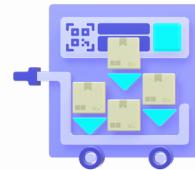


Boost Accuracy and Speed: Warehouse Automation in Dynamics 365



Dynapicks

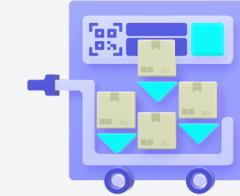
pick-thru Dynamics 365

Warehouse Automation

Pick to Light

Pick from Light





■ Business Needs

Increase Operational Efficiency

- Reduces the time workers **spend locating items**, leading to faster order fulfillment.
- **Speeding up the picking process** and minimizing search times.
- **Handle a higher volume of orders** with the same workforce, boosting overall productivity.

Reduction in Human Error

- **Reduce errors** by clearly indicating where items are located, and which items need to be picked.
- **Reducing costly returns or complaints**

Optimize Labor Utilization

- Workers with **minimal training** can become productive quickly.
- **Manage labor during peak periods**, ensuring that picking operations run smoothly.

■ Architecture

Advance Warehouse Management

Warehousing Telemetry with application insights

Cluster Picking

Pick Path
Zone Picking
Consolidation
Container Optimization

Business Events
Azure Service Bus
Azure IoT Hub

IoT Assets and Gateways



■ Architecture



Microsoft Azure Search resources, services

Home > DynaPick > DynaPickIOTHub | Devices >

E4B063AF3750

DynaPickIOTHub

Save Manage keys Message to Device Direct method Add Module Identity Device twin Refresh

Device ID i	E4B063AF3750
Primary key i
Secondary key i
Primary connection string i
Secondary connection string i
Tags (edit)	No tags
Enable connection to IoT Hub i	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Parent device i	No parent device

Module Identities Configurations

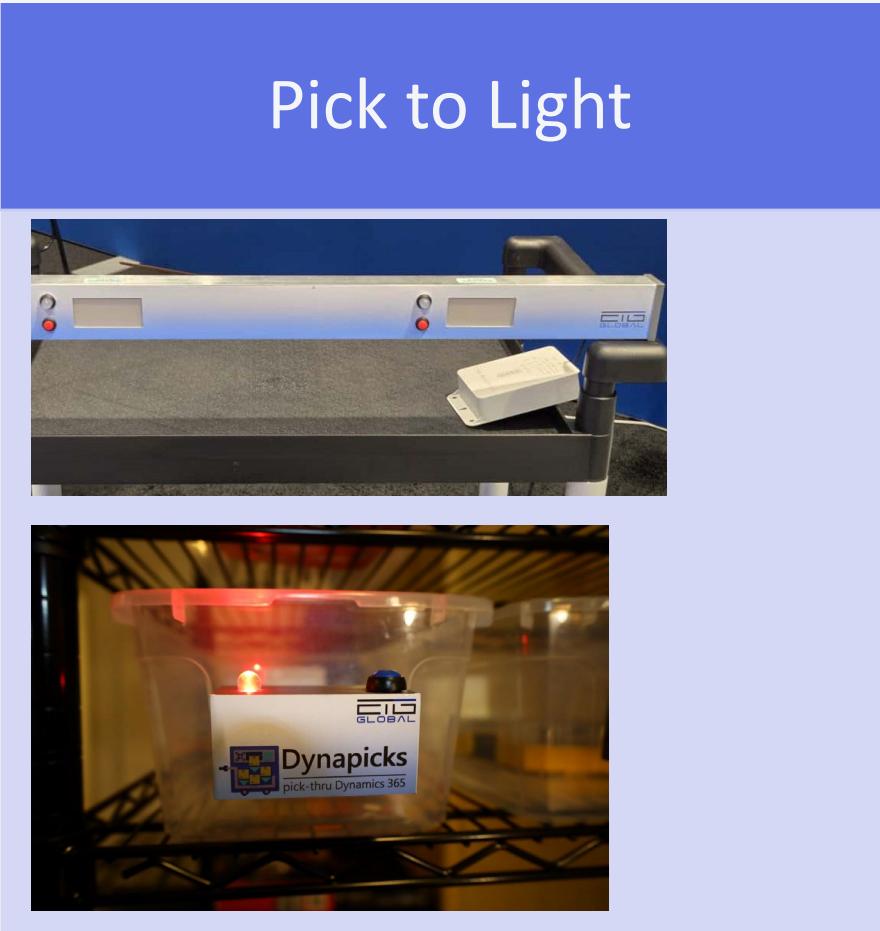
Module ID	Connection State	Connection State Last Updated ...	Last Activity Time (UTC)
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Devices

Pick from Light



Pick to Light



E-paper

FL-004
A0004

HDMI 12' Cables



Loc. Qty
148

FL-001
A0001

HDMI 6' Cables

-- P I C K --
45



Loc. Qty
2,357





Dynamapicks
pick-thru Dynamics 365

Sample Scenario

Finance and Operations

← Save Work Shipment Related information Options

Work

Complete work Cycle counting Split work Unblock w
Cancel work Work exceptions log Cancel work split session Change w
Cancel work using batch Change user Block work Change us

Work | C616651 : MB22110

Standard view ▾

Show closed

Overview General Blocking reasons

Work priority	Locked by	Work ID
WRK4015417		

Lines General

Transactions User actions Custom data Cancel work line Display dimensions

Work status	Work type	Location
Open	Pick	1102082
Open	Pick	L191
Open	Put	TOTE

Sales Order Pick

Check values, then confirm

1102082

1

Sales orders

Pick

Info

3" Cop Press 90-EL EPDM

Special note for order
Canada shipment

Item

MB22120

Qty

5 Ea ; 5 ea

Loc

1102082

...

✓

Sales orders

C616651

FL-001 A0001

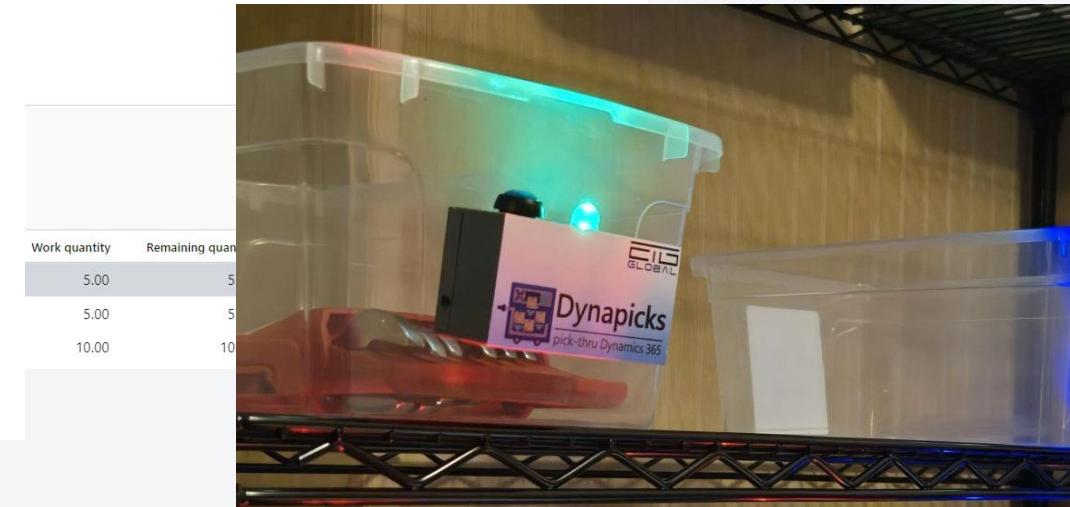
HDMI F Cables

-PICK- 2,259

Line Sku 555,555

Bring your Dynamics 365

Partner Solutions



 Microsoft
Solutions Partner

Sample Scenario

Finance and Operations

← Save Work Shipment Related information Options

Work

Complete work Cycle counting Split work Unblock w
Cancel work Work exceptions log Cancel work split session Change w
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Work | C616651 : MB22110

Standard view ▾

Show closed

Overview General Blocking reasons

Work priority	Locked by	Work ID
WRK4015417		

Lines General

Transactions User actions Custom data Cancel work line Display dimensions

Work status	Work type	Location
Open	Pick	1102082
Open	Pick	L191
Open	Put	TOTE

Sales Order Pick MB22120

Confirm location

L191

Sales orders

Pick

Print label count

1

Info

2.5" Cop Press 90-EL EPDM

Special note for order

Canada shipment

Item

MB22110

Qty

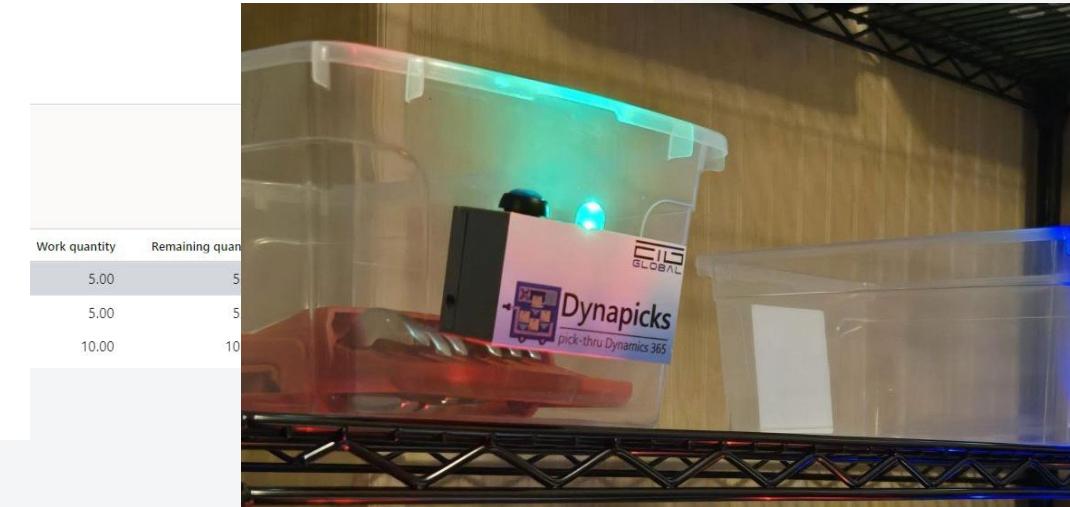
5 Ea ; 5 ea

Loc

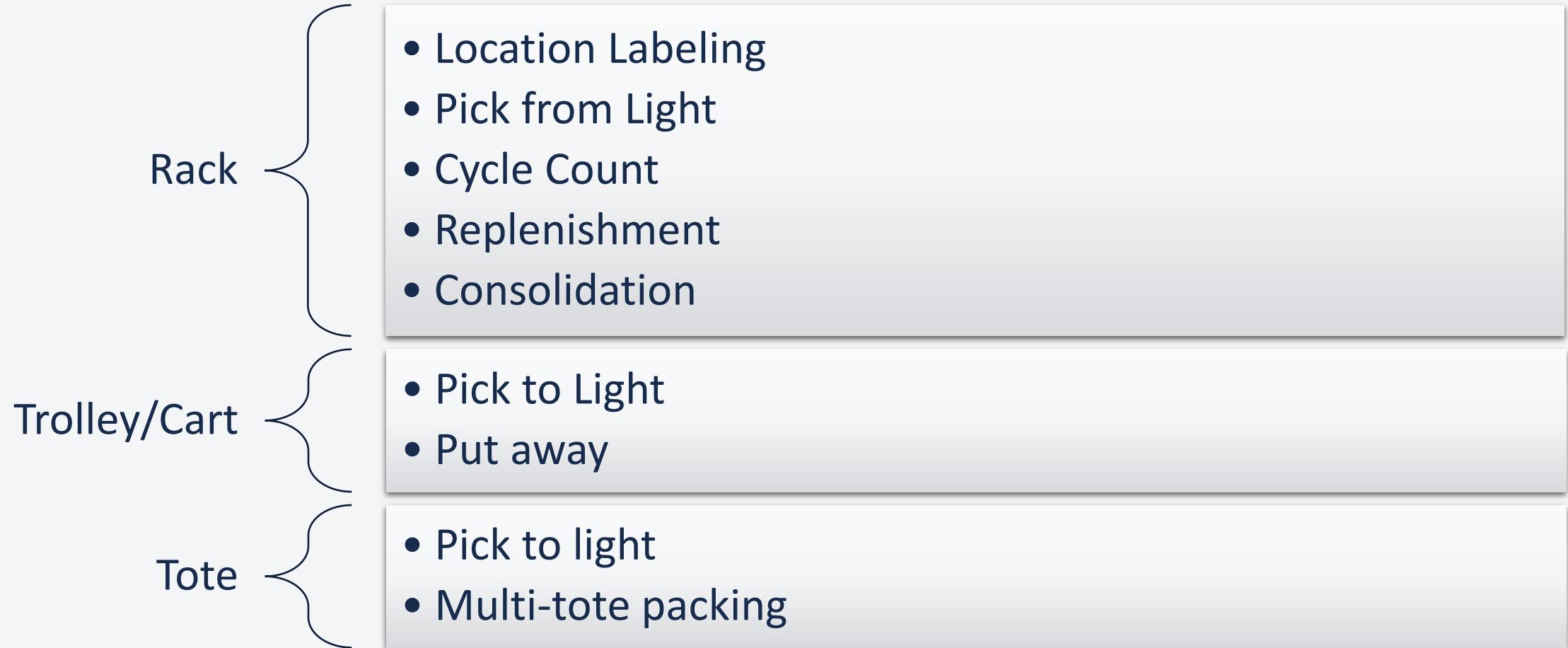
L191

...

✓



■ Scenarios





■ Advantages

It's just Dynamics 365

Take advantage of all D365 warehouse functions

Not effected by throttling

Take advantage of new functions

Implement as you always do

Secure and compliant

THANK YOU

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