

Boost Accuracy and Speed: Warehouse Automation in 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.

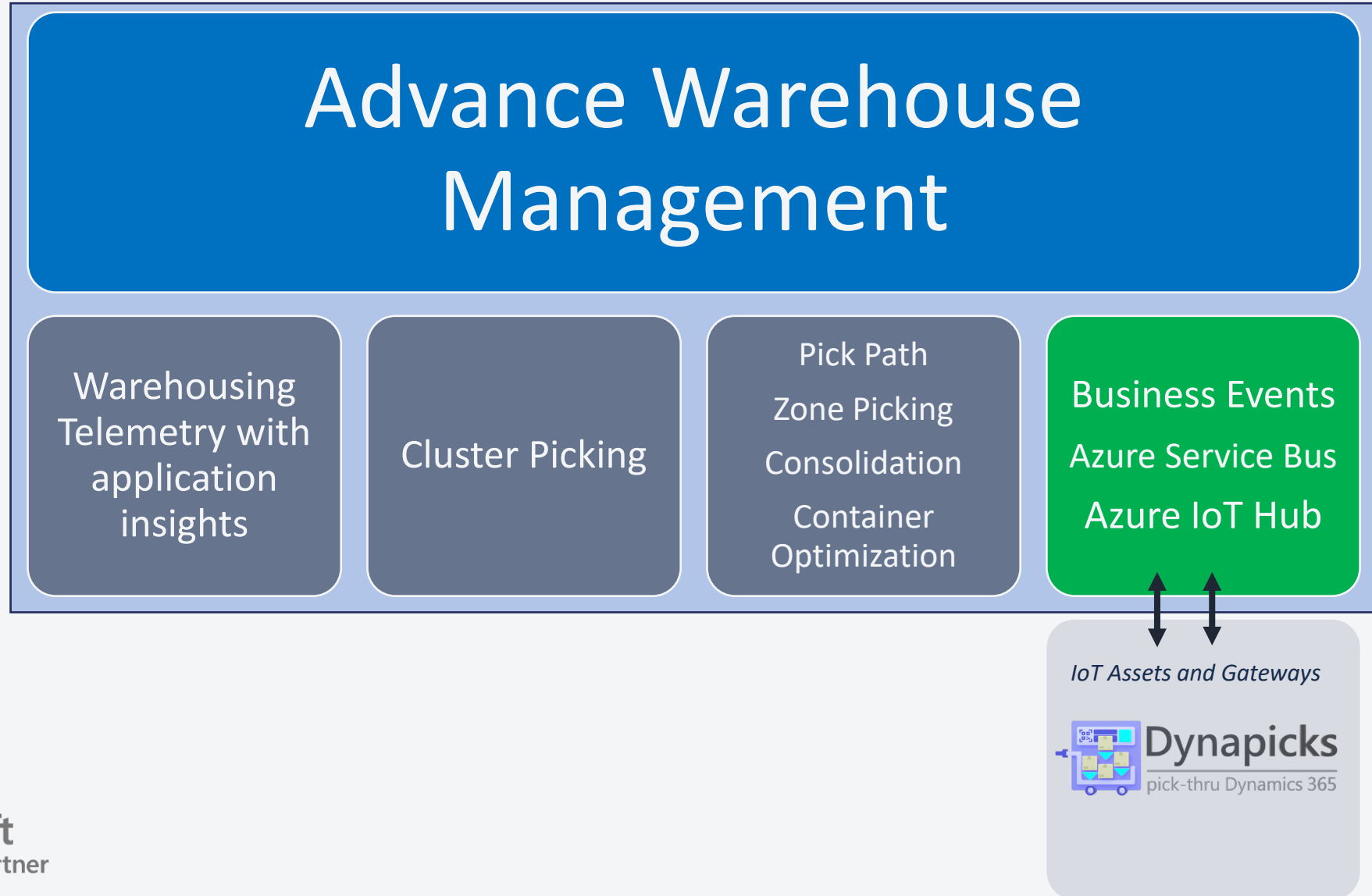
Reduction in Human Error

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

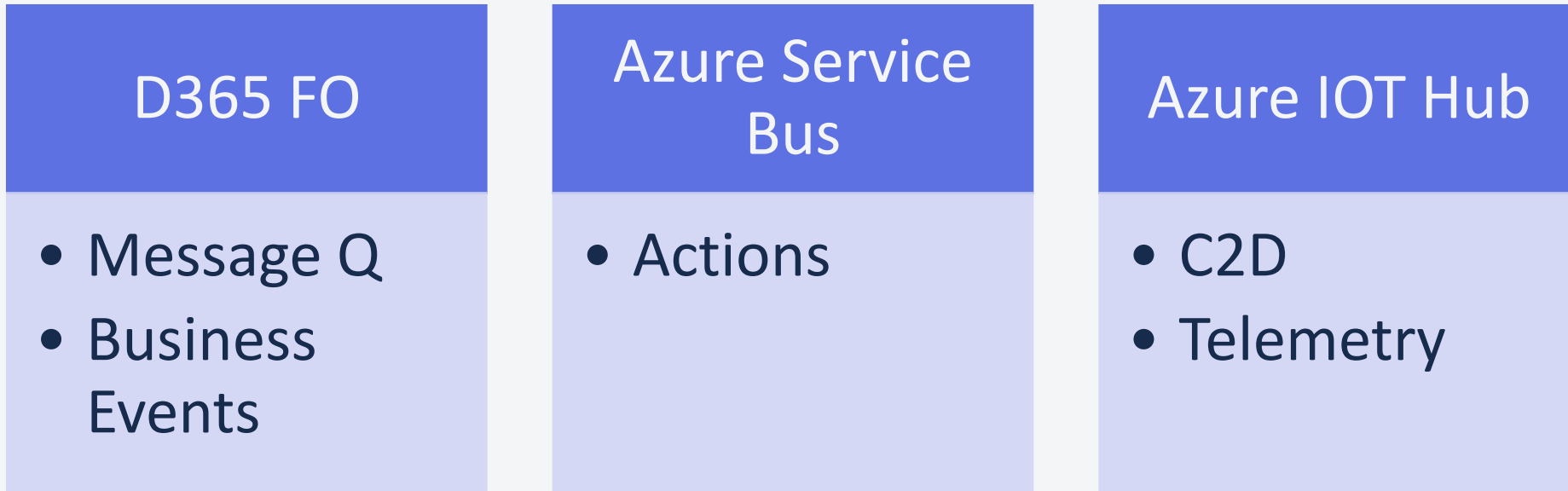
Optimize Labor Utilization

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

■ Architecture



■ Architecture



Microsoft Azure

Search resources, services, and documentation

Home > DynaPick > DynaPickIOTHub | Devices >

E4B063AF3750

...

DynaPickIOTHub

Save

Manage keys

Message to Device

Direct method

Add Module Identity

Device twin

Refresh

Device ID ⓘ

E4B063AF3750

Primary key ⓘ

.....

Secondary key ⓘ

.....

Primary connection string ⓘ

.....

Secondary connection string ⓘ

.....

Tags [\(edit\)](#)

No tags

Enable connection to IoT Hub ⓘ

☒ Enable

☐ Disable

Parent device ⓘ

No parent device

Module Identities

Configurations

Module ID

Connection State

Connection State Last Updated ...

Last Activity Time (UTC)

■ Devices

Pick from Light



Pick to Light



■ E-paper

FL-004

A0004

HDMI 12' Cables

Loc. Qty

148

FL-001

A0001

HDMI 6' Cables

-- PICK --

45

Loc. Qty

2,357



T00000004

T00000001

W: WW202510190087

O: S009877650

PICK LOCATION

FL-001

PICK QTY

45



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 |
|-----------------------|---------------|-----------|------------|
| <input type="radio"/> | | | WRK4015417 |

Lines General

Transactions User actions Custom data Cancel work line Display dimensi

| | Work status | Work type | Location |
|-----------------------|-------------|-----------|----------|
| <input type="radio"/> | Open | Pick | 1102082 |
| <input type="radio"/> | Open | Pick | L191 |
| <input type="radio"/> | 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

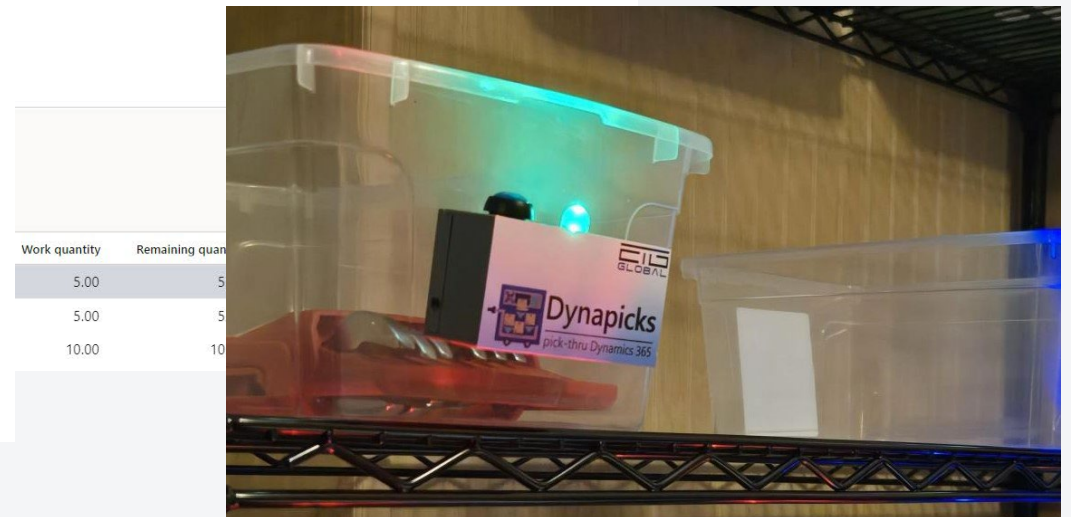
Item
MB22120

Qty
5 Ea ; 5 ea

Loc
1102082

...

✓



Sample Scenario

Finance and Operations

← Save Work Shipment Related information Options

Work

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Standard view ▾

☐ Show closed

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| | Work status | Work type | Location |
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| | 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

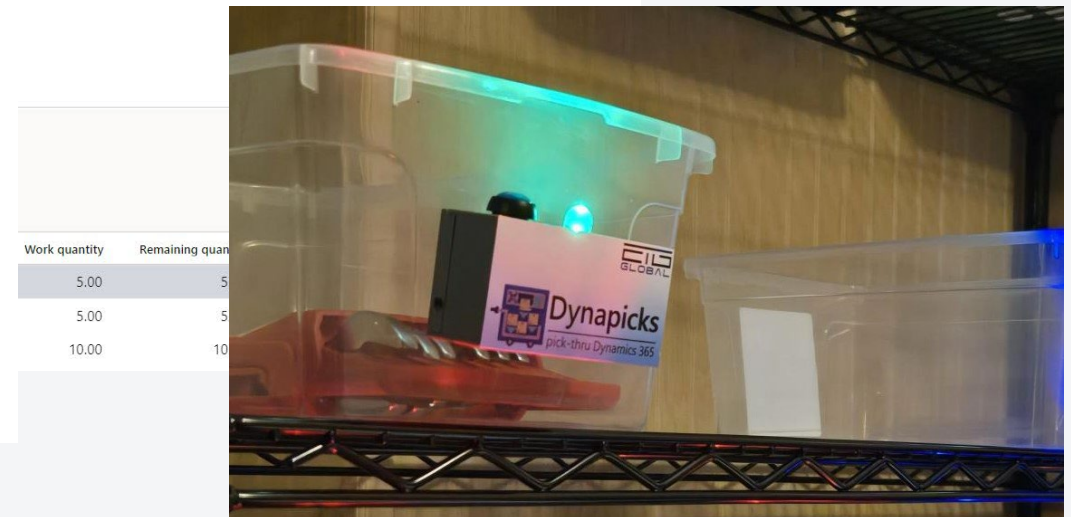
Item
MB22110

Qty
5 Ea ; 5 ea

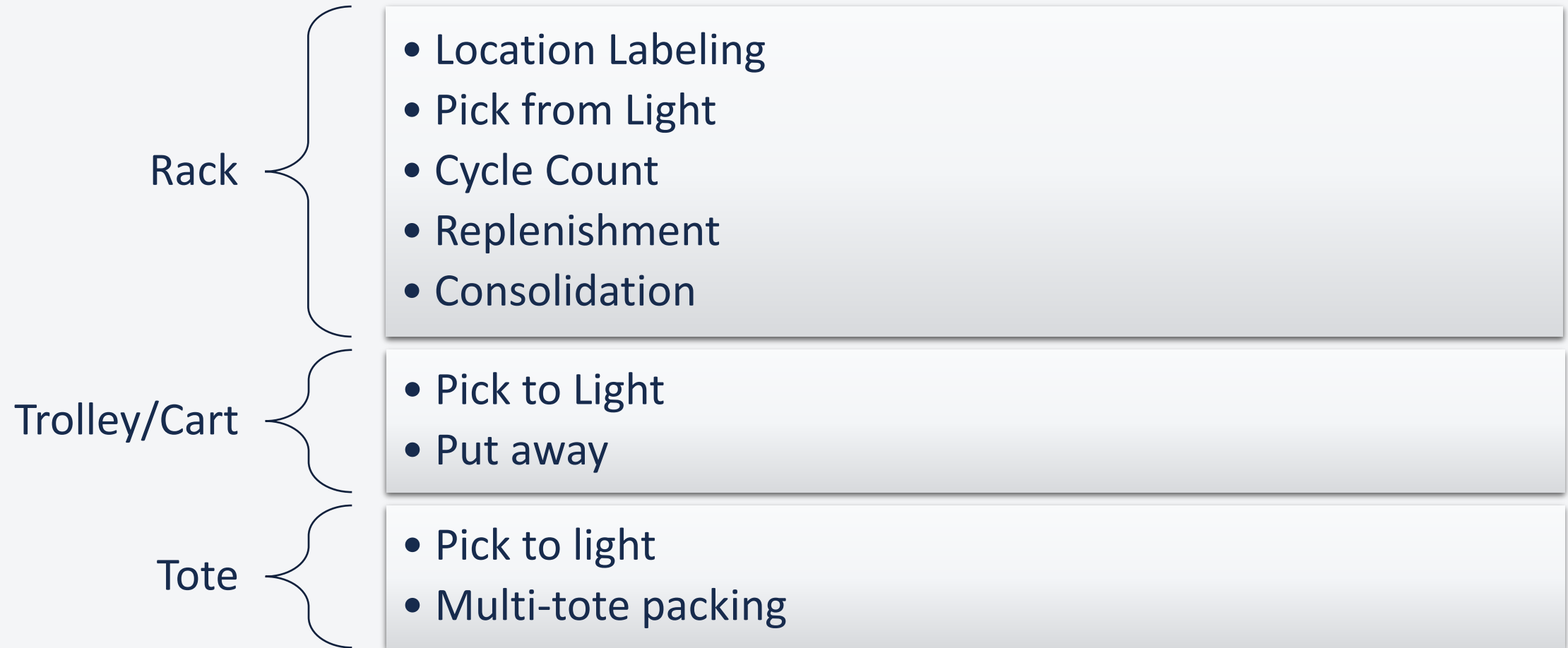
Loc
L191

...

✓



■ 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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