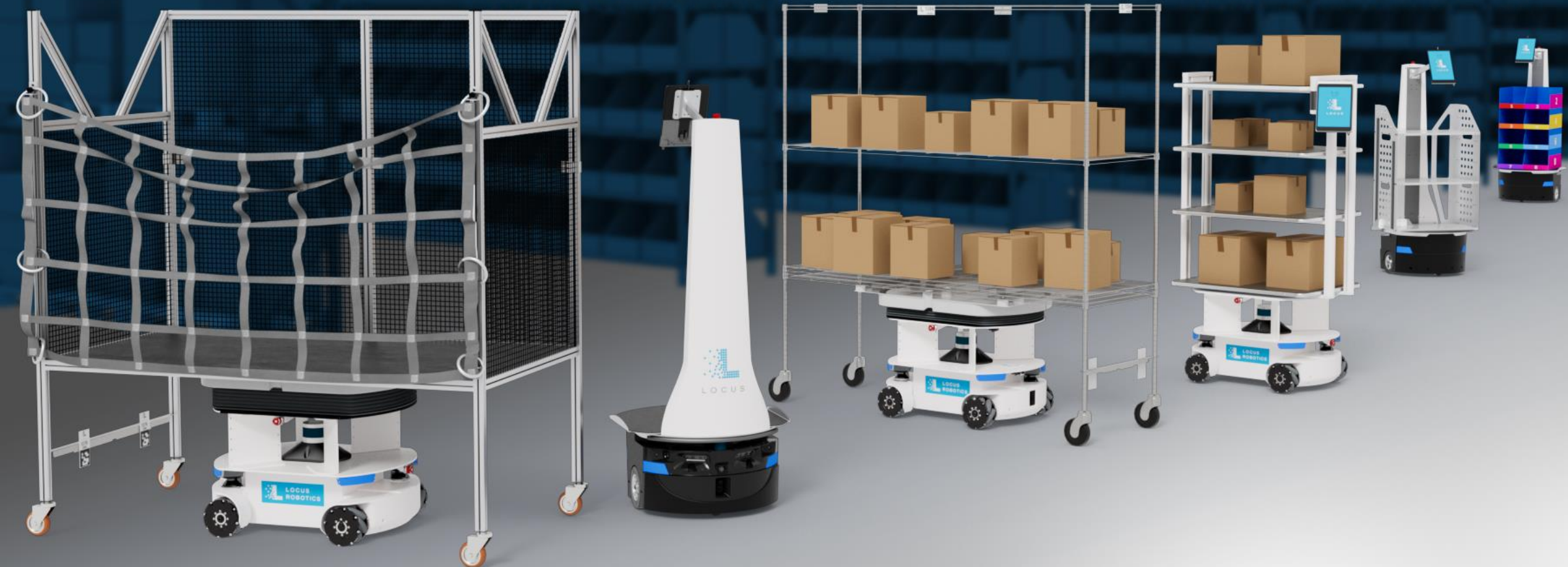


# LEADING DIGITAL TRANSFORMATION IN THE WAREHOUSE



„Hoch hinaus – Wie erfolgreiche Automatisierung in Mezzaninen aussehen kann“



# LOCUS FOOTPRINT



**125+**  
Customers



**15K+**  
Bots in the field



**400+**  
Locus  
team members



**300+**  
Facilities  
contracted



**19**  
Countries



**28**  
Awards in 2023-24

**Over 3.5 Billion Picks to Date**



# SCENARIOS



Brownfield – With Mezz/Pick Tower



Brownfield – No Mezz



Greenfield





# Picktower bei Quiet Logistics



# THE LOCUS DIFFERENCE

FAST DEPLOYMENT. DAY-ONE PRODUCTIVITY IMPROVEMENTS.

**SCALE  
FLEET**

Up and down

**LIVE**

In 12 weeks

**RaaS**

All-inclusive  
monthly fee

**EASY**

Integration

**15 MIN**

Training time



**MINIMAL**

Infrastructure  
requirements



**STEP 1**

Locus optimizes orders from the WMS

**STEP 2**

Locus directs induction of containers

**STEP 3**

LocusBot optimizes path to next task

**STEP 4**

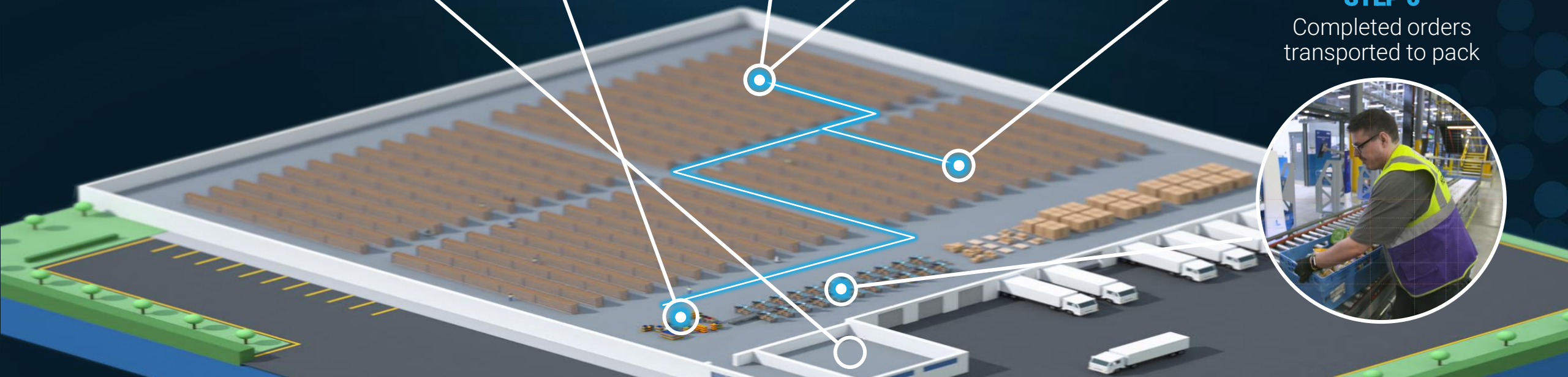
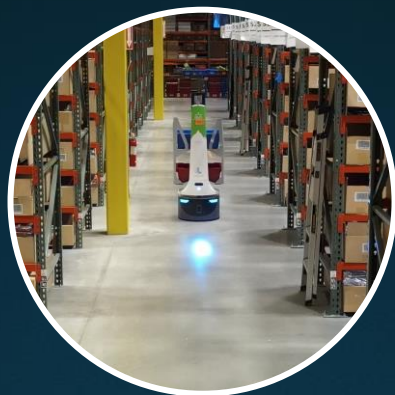
Associates select item and place into totes

**STEP 5**

Robots travel to next pick location with new associates

**STEP 6**

Completed orders transported to pack









**MULTI-LANGUAGE**

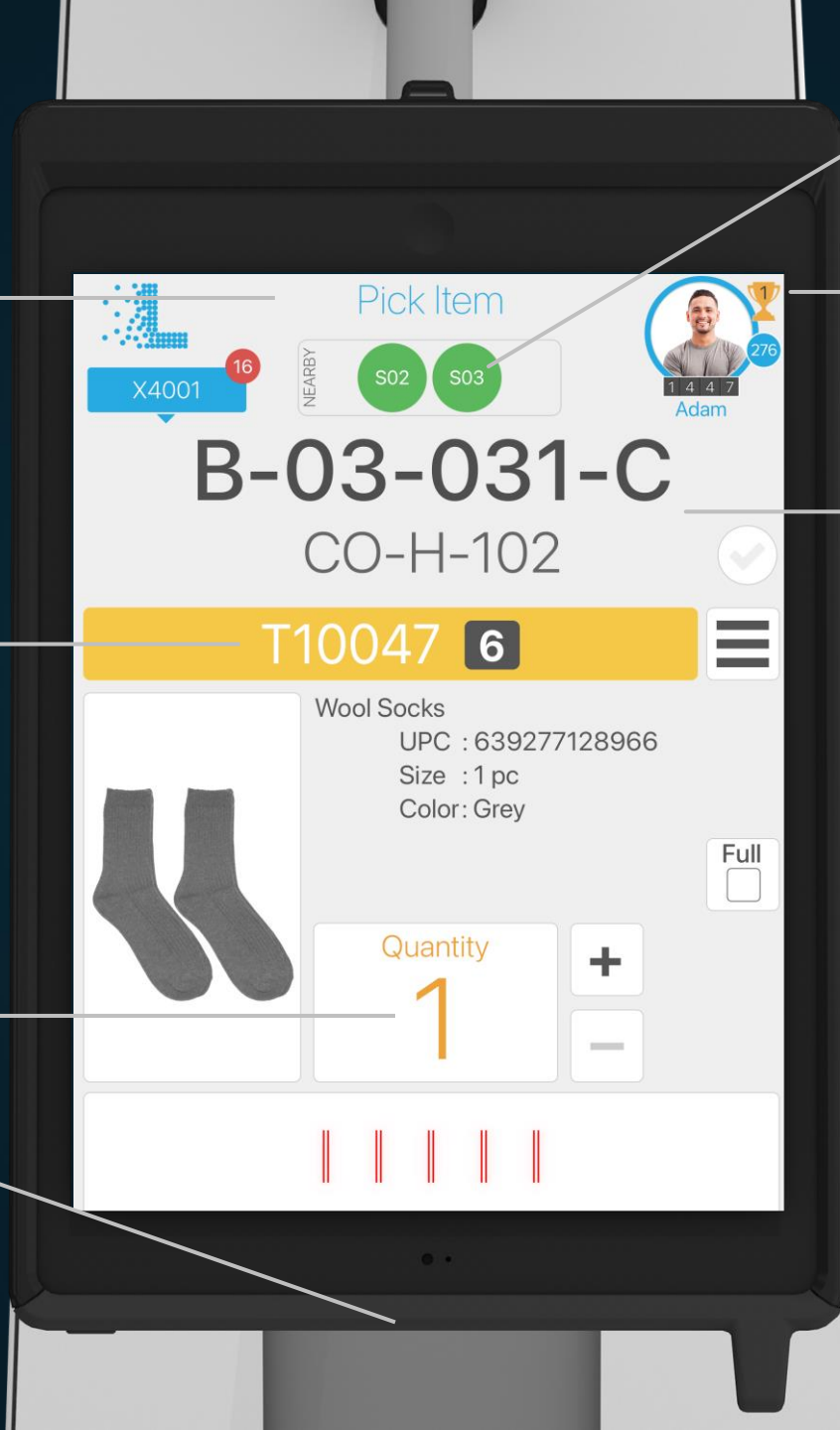
Robot automatically adjusts to worker's native language

**TOTE ID & POSITION**

Shows worker which tote on the robot to place item

**QUANTITY**

**INTEGRATED SCANNER**



**NEAREST ROBOT INDICATOR**  
Directs associate to the next task

**PROPRIETARY GAMIFICATION**  
Motivating worker performance with clear goals as they work

**PICK LOCATION & PRODUCT ID**  
Displayed prominently

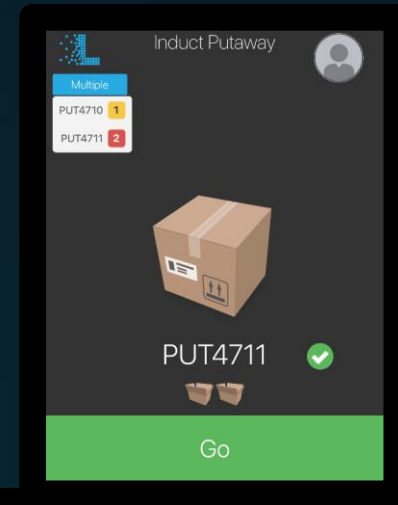
**LOCUS TAG**  
Patented technology identifies worker to robots



# PUTAWAY & REPLENISHMENT

Additional applications & use cases accelerate and increase ROI.

- Additional use cases
  - Returned items putaway
  - Case/tote putaway
  - Mixed case/tote putaway
  - Internal warehouse replenishment
- Putaway feature fully interleaved with picking
- Easily switched to execute either function
- Integration with external scanner

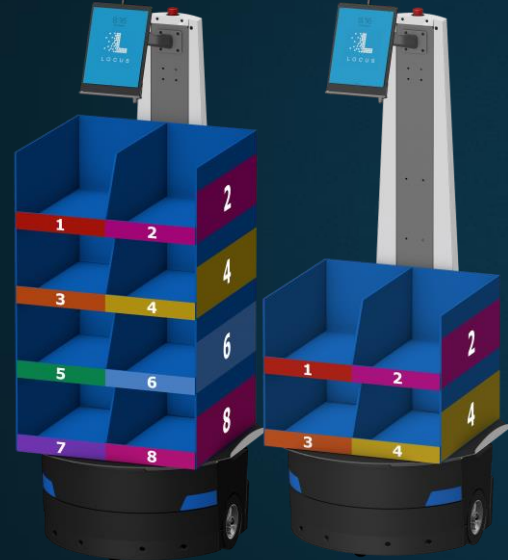


# THE RIGHT TOTE FOR THE JOB – IN REAL TIME

## CONFIGURABLE PAYLOADS



**SINGLE TOTES**  
Batch picking and store replenishment



**TOTE ARRAYS**  
Multiple discrete orders



**OUTBOUND CONTAINERS**  
Pick directly to shipping boxes



**CUSTOM CONFIGURATIONS**





# MULTI-LEVEL OPERATIONS

## WORKFLOW EXAMPLES



# DOWNSTREAM SORTATION

## MULTI-LEVEL BATCH PICK

### PUTAWAY

- Replenishment
- Returns
- Interleaved workflows

### INDUCTION

- Picking/putaway
- Order optimization
- Flexible pick container
- Flexible locations

### CONVEYOR TRANSPORT TO PUTWALL

### ACTIONABLE INTELLIGENCE

- Real-time dashboards
- Historical reporting
- Warehouse command center

### PICKING

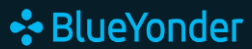
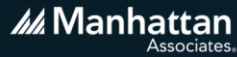
- Batch picking
- Rapid associate training
- Gamification



# OPTIMAL THROUGHPUT

## DIRECTED PICK & PASS

### ANY WMS



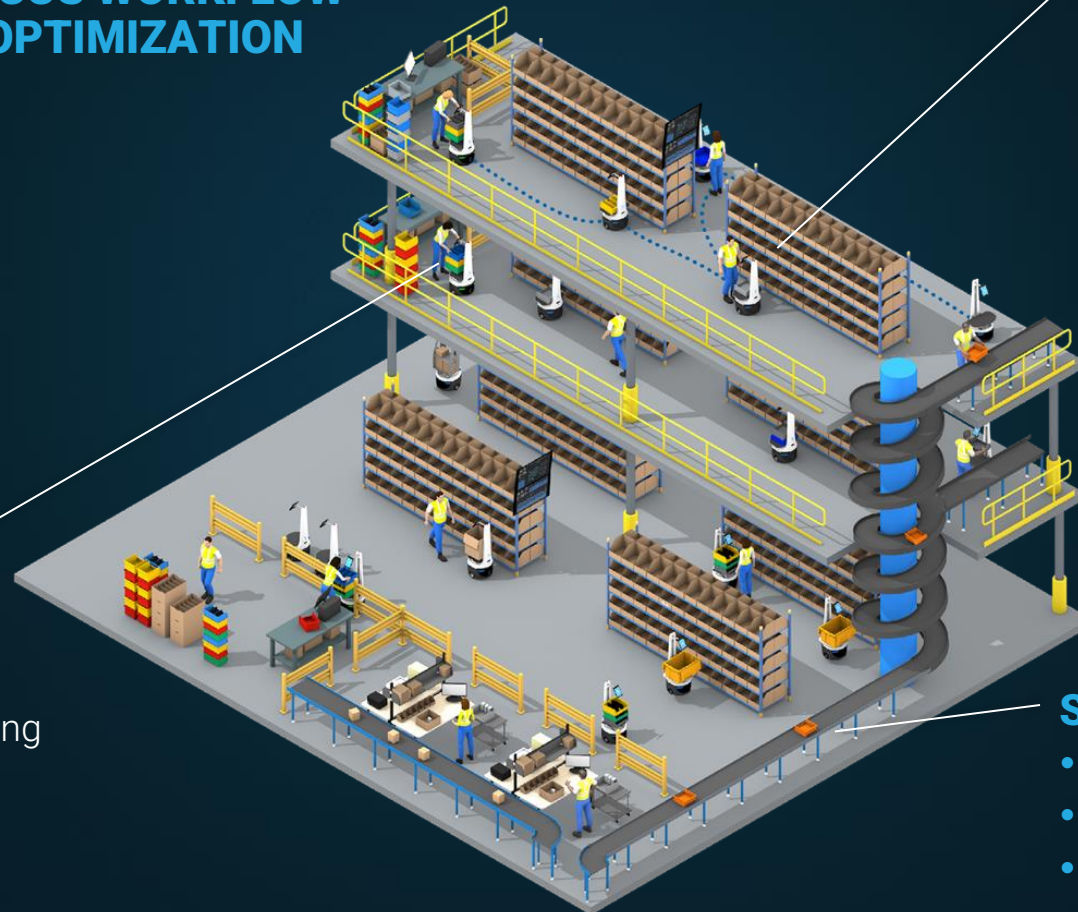
[YOUR CUSTOM WMS]

### LOCUS WORKFLOW OPTIMIZATION



### DIRECTED PICK-AND-PASS

- In-level task clustering for density
- Dynamic container assignment
- Interleaved discrete and batch picking
- Eaches, innerpacks, and cases



### FLEXIBLE & SCALABLE

- Configure bottom-up & top-down workstreams
- Add or remove mezzanine levels
- Turn stations on/off
- Reassign LocusBots across levels

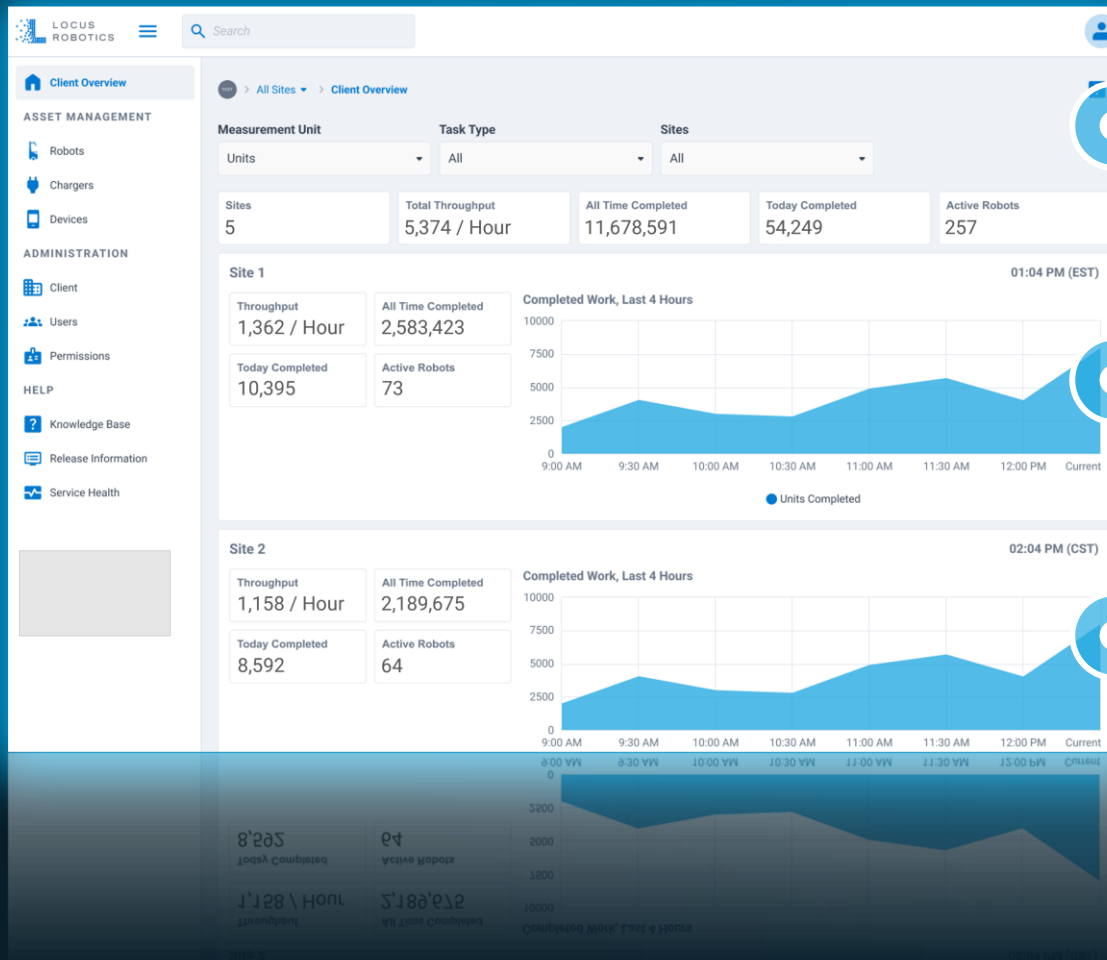
### SEAMLESS HANDOFF

- Handoff to conveyor, slide, or putwall
- Drop-off at packing stations
- Pick directly to outbound carton to eliminate packout steps



# REAL-TIME, MULTI-LEVEL DASHBOARDS

## MONITOR YOUR WAREHOUSES WITH LocusHub



Monitor activity across levels and sites in real time

Track productivity rates, completed and unassigned work, pick pace, and more

View all floors or each floor individually



# NEXT STEPS



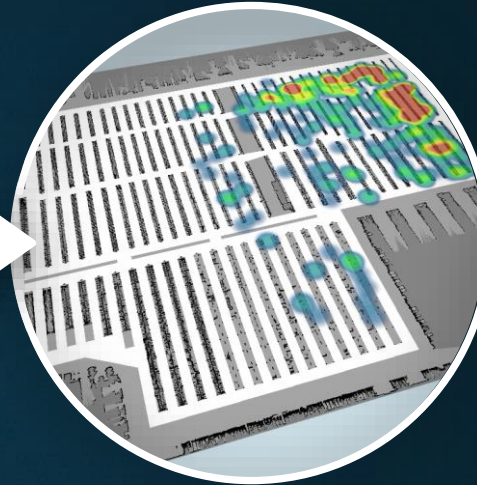
## STEP 1

Operations discovery  
Survey , Analyze basic data



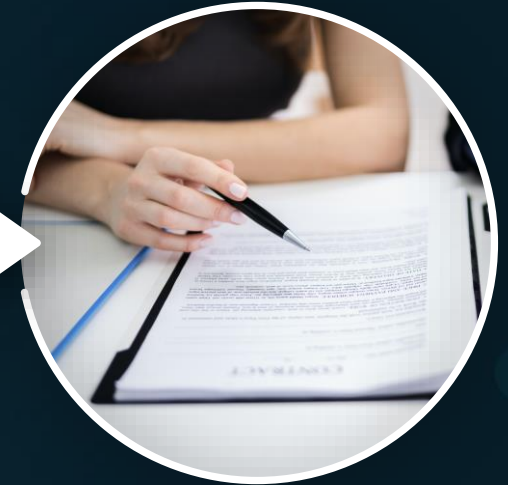
## STEP 2

Site tour , understand  
detailed process steps



## STEP 3

Initial concept  
of operations ( COO )



## STEP 4

Workshop Refinement  
& agreement





# THANK YOU



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