Honeywell RevA-1123 Voice Picking Software User Guide

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Contents

SITE FACTS

Facility size: **720K square feet**
Number order selectors/shift: **75**
Number put away/replenishes/shift: **20**
Number shifts: **2**
FTE productive hours per shift: **7.25**

ASSESSMENT AREAS OF FOCUS

People

Tools, technology and training to make your workers more efficient and effective.

Process Enhancements

Recommendations to optimize operations.

Physical

Areas for potential improvement not related to technology but impacts worker performance.

KEY TAKEAWAYS

A bulleted executive summary of considerations noted during the DC Walkthrough follows. Some of the key items that would optimize the business in the distribution center are:

Order Selection

- 20% order picking improvement resulting in approximately $147,000 annual savings.
- Eliminate time interacting with RF wearable and serial process steps.
- 64% fewer steps with Voice enabled workflow compared to RF handhelds.
- Provide workers access to information reducing travel and time away from task.
- Change the pick sequence within flow rack areas and decrease picking errors.
- 70% improvement in picking accuracy – approximately $75,500 annual savings.
- Reduce travel by batch/cluster picking and re-slotting slow moving area.

Put Away And Replenishment

- 8 to 12% productivity improvement.
- 41% decrease in data confirmations representing approximately $11,300 annual savings.
- Eliminate multiple devices (scanner, vehicle mounted computer).
- Help Increase safety and awareness.
- Help decrease equipment damage with Voice enabled workflow (no texting and driving).
- Provides Voice solution metrics on time spent on non-value added activities.

20%
Improvement in picking productivity

$147,000
Annual savings in order selection

64%
Fewer steps vs. RF handhelds

70%
Improvement in picking accuracy

$75,500
Approximate annual savings from reduced picking errors

$11,300
Approximate annual savings from productivity in put away and replenishment

RECOMMENDATIONS

- Implement pick right and pass on left to manage aisle congestion.
- Track root cause of problem totes to measure improvement efforts.
- Stagger 15-minute breaks to avoid straining network and wait time at printers.
- Move carton preparation from selectors to replenishment activity.
- Schedule service and adjustment for printers — consider Operational Intelligence for proactive asset management.

ADDITIONAL POTENTIAL OUTCOMES

- Increased customer satisfaction.
- Increased employee safety and satisfaction leading to better employee retention.
- Reduced returns processing costs and loss.
- Reduced audit times and dock congestion leading to more on time shipments.
- Real-time operational metrics to better manage day to day activities.
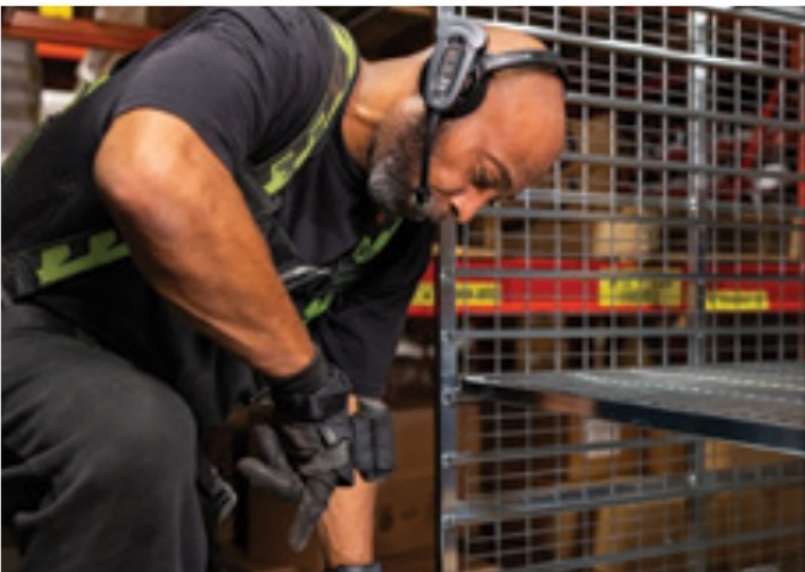
SOLUTION AND RETURN ON INVESTMENT (ROI)

Voice solutions by Honeywell provide a sound return on investment while revolutionizing the workplace. Over a five-year period, the net savings per worker, per day may be $5.14 with an accumulated savings of $963,562.50.

Accumulated 5-Year Savings

$ Value

$963,562.50

$729,750.00

$495,937.50

$262,125.00

$28,312.50

Year ①
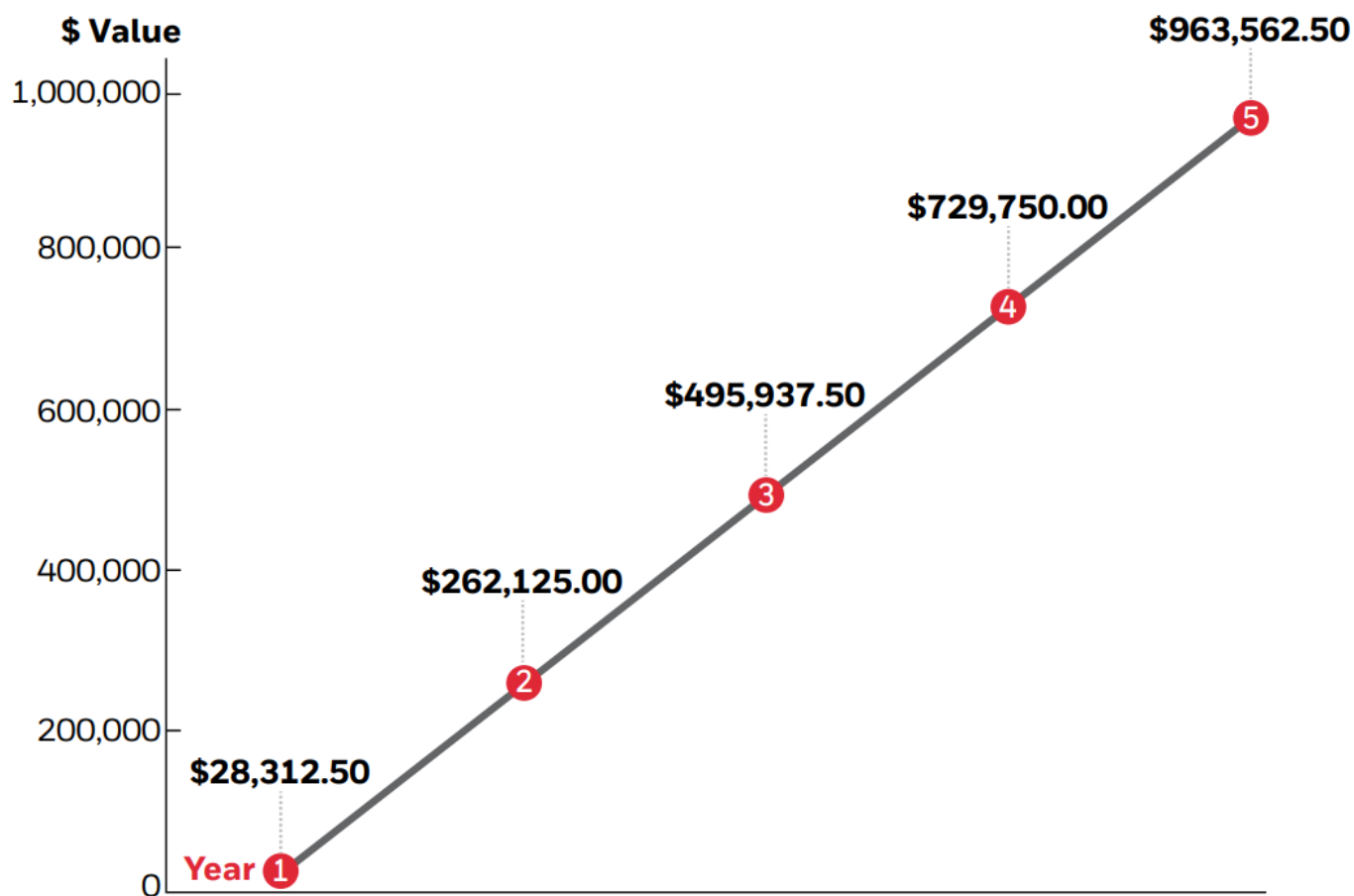
5-YEAR ANALYSIS	
Description	**Per worker, per day**
Solution cost	$1.10
Savings	$6.24
Net Savings	$5.14

SOLUTION AND ROI	
Cost	**ROI (in months)**
$205,500.00	$10.55

* Data provided based on site analysis for a 720k square foot facility with 75 order selectors.

CUSTOMER SUPPORT

Honeywell

Documents / Resources

Honeywell RevA-1123 Voice Picking Software [pdf] User Guide
RevA-1123 Voice Picking Software, RevA-1123, Voice Picking Software, Picking Software, Software

References

- **H Honeywell - The Future Is What We Make It**
- **H Industrial Automation | Honeywell**
- **User Manual**