

ADVANCING FORKLIFT OPERATIONS THROUGH VOICE-ENABLED TECHNOLOGY

Solution Brief

Honeywell

Managing forklift labor effectively is critical to today's fast-paced and competitive distribution environments. As throughput demands rise and operational cost pressures increase, optimizing forklift productivity and safety has become a top priority for operations and transformation leaders.

SITUATION

Forklift operators play a critical role in put away, replenishment, directed moves, and cycle counting. However, many operations still rely on vehicle mounted terminals, scanners, and manual data entry, creating friction in fast moving environments.

Traditional approaches provide limited real time visibility into forklift productivity and execution. Manual processes slow task completion, introduce errors, and force operators to divert attention away from safe driving. As transaction volumes increase and workflows grow more complex, these limitations make forklift operations reactive rather than proactive.

In summary

- **Disconnected Task Execution**

Traditional forklift workflows require operators to stop driving to interact with screens or keyboards, breaking momentum.

- **Manual Processes**

Hand keying and multi device interaction reduce efficiency and increase opportunities for error.

- **Operational Complexity**

High transaction volumes and concurrent tasks require faster confirmations and better coordination.

- **Reactive Operations**

Limited real time visibility makes it difficult to identify and resolve bottlenecks quickly.

- **Safety Exposure**

Screen-based interaction competes for operator attention in busy, high traffic environments.

SOLUTION: VOICE ON FORKLIFTS

To address these challenges, Voice on Forklifts delivers voice-guided forklift workflows designed to streamline execution, improve safety, and increase operational efficiency.

Voice on Forklifts Advantages:

Voice Guided Task Execution

Digitize forklift workflows such as put away, replenishment, and loading using spoken instructions and confirmations—eliminating keyboards and touchscreens.

Continuous, Eyes Up Operation

Enable operators to stay focused on driving and material handling while interacting with systems through voice enabled technology.

Reduced Task Time

Eliminate unnecessary stops for data entry, helping operators maintain a consistent, productive cadence throughout the shift.

Device Agnostic Deployment

Run on Android mobility devices or purpose built Talkman platforms to align with existing infrastructure and future technology roadmaps.

Integration Capabilities

Seamlessly integrate with warehouse management and execution systems to ensure accurate, real time task execution and confirmation.

Optimized Device for Safer Operations

When paired with the Honeywell A700xp wearable solution, voice-enabled workflows further enhance

operator safety by eliminating the need to view or interact with handheld or mounted screens. The A700xp supports a true eyes-up, hands-free experience—helping forklift operators maintain full visibility of their surroundings while driving and handling loads in high-traffic environments.

Built For Scalable Operations

Voice on Forklifts fits naturally into modern guided work and connected worker strategies. It supports scalable deployment across facilities and fleets, enabling organizations to standardize forklift workflows while adapting to local operational requirements.

VOICE ON FORKLIFTS USE CASES

Task Use Cases

- Put Away
- Replenishment
- Loading and Staging
- Directed Forklift Moves
- Cycle Count Support

Operational Impact Areas

- Productivity improvement through reduced task time
- Higher accuracy via voice confirmations
- Enhanced safety through eyes-up operation
- Faster onboarding and more consistent performance



LOOK TO THE FUTURE

The future of forklift operations is increasingly data driven and performance focused. Voice guided forklift work provides a foundation for smarter, more responsive execution—helping organizations shift from reactive task execution to proactive operational improvement.

The future of forklift work is hands-free, eyes-up, and voice-guided.

For more information

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