



**Delivering actionable
insights that drive
optimized performance.**



Honeywell Operational Acuity™ Solutions

Delivering actionable insights that drive optimized performance.

Analytics has matured into a core enterprise practice that is now essential for sustaining a competitive advantage. Enterprise data has become a priceless strategic asset. Of course, not all data is created equal. Identifying the data that will provide actionable insights is imperative to unlocking greater business potential.

Honeywell Operational Acuity Solutions are designed to identify rich veins of data, to mine them and to provide actionable insights enabling automatic identification and data capture (AIDC) and warehousing/distribution center (DC) organizations to unlock greater business value. Operational Acuity drives optimized performance using data aggregation and predictive modeling techniques and empowers management with intuitive actionable analytic capabilities.

Operational Acuity offers two solution options:

Vehicle Performance Solution – Provides insights to help optimize utilization of material handling trucks to reduce operating costs and improve worker safety and compliance, and helps reduce inventory damage with greater driver awareness and transparency.

Workflow Performance Solution – Provides actionable workflow performance insights to help you obtain continuous process improvement benefits and new levels of cost reductions.

Honeywell technological advancements provide the foundation of our Operational Acuity Solution and enable organizations of any size to leverage these actionable insights to drive optimized operational performance. Unlike other approaches that effectively exclude organizations with limited IT resources, our secure, cloud-based solutions ensure straightforward, scalable results for organizations of all sizes.

In short, from refining the agility of your workflows to supporting near-term and future goals, Honeywell Operational Acuity will change your perspective on how you can run a better business.

Acuity [uh-kyoo-i-tee] noun

1. Keenness of perception, especially in vision or thought.
2. The ability to quickly and easily see, hear, or comprehend significant details.

The Vehicle Performance Solution

The Vehicle Performance Solution provides actionable performance insights to help optimize vehicle utilization, improve worker safety and compliance, and better control vehicle operating and maintenance costs, while increasing overall driver behavior awareness.

Creating an Integrated Vehicle Performance Solution

The Vehicle Performance Solution delivers new levels of operational efficiency to optimize vehicle utilization and enhance worker safety and compliance.

The solution fully leverages existing vehicle technology investments and offers a rapid installation and configuration with an easy-to-follow software wizard. There is no need to retrofit vehicles with sensors, relays and controls. The solution kit provides you with all the required components you need to put the vehicle back to work in minutes.

The Vehicle Performance Solution is unobtrusive and doesn't impact line-of-sight installation. In a short time, drivers won't even know it's there.



Optimize Existing Honeywell Investment for New Capabilities

Balance Maintenance Needs and Vehicle Utilization

The Vehicle Performance Solution helps put you back in control of one of your most expensive and important resources, your fleet of vehicles. The solution helps you identify underutilized vehicles, provides the information you need to better balance vehicle usage, and ensures adherence to individual vehicle utilization levels within your existing maintenance contracts.

If you have multiple locations, the solution helps you compare the performance of the various sites to help you improve overall operations. The Honeywell solution offers operational insights never before available, especially for sites having a mix of truck suppliers.

The solution can be installed on a wide range of material handling equipment. Configuration options include: sit-down counterbalance trucks, narrow and very narrow aisle trucks, stock and order pickers, walkie pallet trucks and motorized pallet trucks.

The Honeywell solution supports all major industrial lift truck brands such as: Toyota, Raymond, Linde, Jungheinrich, Hyster, Yale, Crown, Hamech, Mitsubishi, CAT, Nissan, TCM, Barrett, Atlet, UniCarriers, Heli, Hangcha, Clark, Dooan, Hyundai, Lonking, Tailift, World-Lift, Combilift, Hubtex, Godfrey & Boyce and Palettrans.



Reduce Operating Costs with Enhanced Vehicle Management Visibility

Enhance Safety and Compliance

The Vehicle Performance Solution offers an integrated front and rear camera with video to provide new levels of ongoing observation and learning. The solution helps foster an improved culture of awareness and transparency and provides event and driver data. The enhanced levels of transparency will help you identify inventory damage-prone behaviors, which will allow you to retrain your workers to avoid them in the future.

The solution provides managers and supervisors with actionable information that will enable you to resolve incidents from the floor as well as from your office. Managers can access event video, reports, alerts and notifications online. You can define action thresholds to support your requirements and only receive alerts when necessary while passively gathering low level priority events in the most efficient and effective manner possible. All you need is a device with a browser.



Front and Rear Camera with Video Improves Incident Documentation

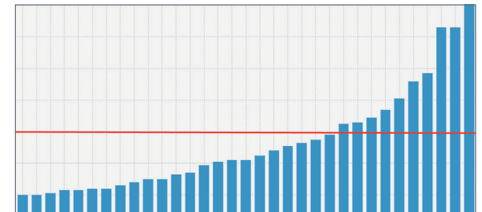
The Workflow Performance Solution

Our Workflow Performance Solution focuses on the productivity of your workflows by helping you analyze and understand the resources that go into your workflows and the performance that you get out. You will gain actionable insights that enable you to maximize your effectiveness and leverage your Honeywell Vocollect technology investment to the fullest.*

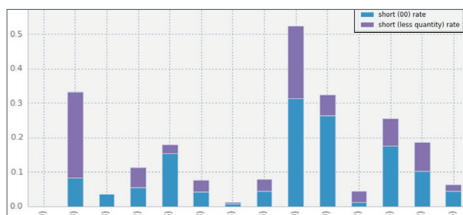
Workers Going to Incorrect Locations

One of the biggest issues that causes a 'ripple effect' is when your workers go to the wrong location to perform a task. Not only is this inefficient, but it is a huge contributor to many of your worker errors.

The location error analysis available with the Workflow Performance Solution provides real data that helps managers better understand which workers are having location accuracy issues more than their peers, as well as quantifying potential time savings. This provides your management and supervisors with a better way to focus on providing location-oriented speech recognition dialogue trainers with your workers who need to improve their performance.



Analyzing Workers Going to Incorrect Locations More Than Their Peers



Analyzing Which Locations and Products Have High Rates of Shorts

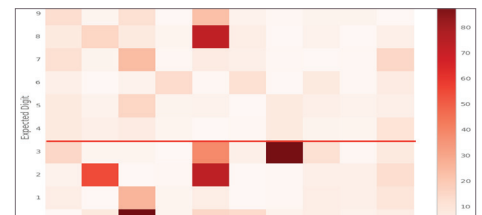
A Deeper Understanding of Shorts

The rhythm of order selection is impacted when high-moving products are not available to complete the requested line item task. While balancing available inventory is an art in procurement, it also is an art in ensuring that the available stock positioning is optimized to support basic business requirements. The short analysis available with the Workflow Performance Solution helps management detect irregular behavior in specific areas of the DC and can help trace it back to worker, item, or process root causes such as excessive or unusual product shorting. This provides your management team the information needed to provide support that results in better outcomes.

Ensuring Accurate Check Digits

Since check digits are the heart and soul of confirming location accuracy, their accuracy is paramount to providing an optimized worker experience and optimized performance.

The check digit confusion analysis available with the Workflow Performance Solution helps management pinpoint opportunities to improve worker performance. The solution also provides updates on how much better the system is working as a result of the enhanced training efforts.



Analyzing Areas Where Check Digit Performance Can be Enhanced



Analyzing How Speech Recognition Performance Can be Optimized

Getting the Best Speech Recognition

The Workflow Performance Solution enables supervisors to objectively understand how well their speech recognition is performing and receive direct suggestions on how to improve their results – whether it is an environment noise sampling issue or a configuration issue. The speech recognition analysis available with the Workflow Performance Solution can help pinpoint exact workflow vocabulary words that need to be better trained to improve a worker's speech recognition experience.

*Requires the use of Vocollect VoiceConsole™ 5.0+ software and Vocollect VoiceCatalyst™ 2.1_OA software.



Customer Testimonials

The Vehicle Performance Solution

“Increased visibility to safety and liability performance ensures greater worker safety.”

“Enhanced reporting and analytics support regulatory checklist enforcement.”

“Greater understanding of vehicle usage will enable improved maintenance schedule planning and commitments.”

“Better vehicle usage awareness and planning will reduce costs through more efficient utilization.”

“The ability to more effectively manage lease overages and unbalanced fleet aging will help us right-size our maintenance contracts.”

The Workflow Performance Solution

“The Workflow Performance Solution has uncovered the need to analyze existing processes – not just the adherence by operators to the process.”

“We were surprised at the overall opportunity to recover apparent unproductive worker time.”

“We are ecstatic at having the information specifics on speech recognition insight visibility.”

“The data visualizations bring to life the realities of the data and help offer guidance on potential opportunities for process improvement.”

Accelerate your workflow performance with actionable insights:
Contact Honeywell today.

Email acuity@honeywell.com or visit www.honeywellaidc.com/acuity

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