

# BOOSTING MANUFACTURING EFFICIENCY WITH WORKFORCE INTELLIGENCE

Managing labor effectively is critical to today's fast-paced and competitive industrial environments. As operational cost drivers rise, optimizing workforce productivity and efficiency has become a top priority for transformation leaders.

Honeywell Workforce Intelligence ("WFI") leverages the abundance of operational, technological, and commercial data generated at manufacturing sites to provide visibility necessary for powerful decision-making for both the operations floor and the back office. Honeywell Workforce Intelligence also offers tools to orchestrate and automate workflows in response to ever-changing events onsite, all while ensuring seamless and efficient operations and facilitating continuous improvement.

## SITUATION

Discrete manufacturing operations currently face several critical challenges that hinder efficiency and productivity. These challenges stem from outdated practices and the lack of real-time visibility into key operational metrics. Traditional tools are often very limited which leads to bottlenecks and delays. Manual processes further amplify problems with inefficiency and inaccuracies, and increasingly complex procedures require more advanced tools for effective management.

The lack of real-time data makes operations reactive rather than proactive, thereby making it difficult to proactively and promptly respond to emerging issues.

In summary:

- **Disconnected Labor Visibility**  
Traditional methods offer limited real-time visibility into labor productivity, leading to bottlenecks and delays.
- **Manual Processes**  
Outdated paper-based processes and periodic reporting hinder efficiency and accuracy.
- **Operational Complexity**  
Increasingly complex procedures require advanced tools for effective management.
- **Reactive Operations**  
Lack of real-time data makes it challenging to respond promptly to operational issues.



**Honeywell**



## INDUSTRY CHALLENGES

### COMPLEXITY



#### INCREASING COMPLEXITY

Manual, legacy processes consistently fall short of growing customer demands

### VISIBILITY



#### LIMITED VISIBILITY

Siloed systems, data, and communication make it hard to operationalize insights

### TECHNOLOGY



#### DIGITAL NATIVES

Attracting and retaining a tech-savvy workforce demands intuitive technologies and growth opportunities

## WORKFORCE CHALLENGES

### WORKFORCE



#### 74% OF THE WORKFORCE

Millennial and GenZ will make up 74% of the workforce by 2030

Source: Forrester

### TECHNOLOGY



#### ALMOST 50%

Almost 50% of digital natives are likely to quit if their employer's technology frustrates them

Source: Workfront

### EMPLOYEES EXPERIENCE



#### 4X MORE PROFITABLE

Companies that invest in employee experience are 4x more profitable than those that don't

Source: Forbes



## SOLUTIONS

To address these challenges, Honeywell's WFI offers a comprehensive, cloud-based suite of tools designed to enhance operational efficiency and productivity within manufacturing environments. WFI integrates advanced technology to provide real-time visibility, automate workflows, and deliver actionable insights.

In summary, WFI provides:

### Integrated Task Management

Digitize manual processes and streamline workflows for greater efficiency. Plan, assign, and monitor tasks effortlessly while ensuring smooth communication and coordination across teams.

### Automated Workflows and Alerts

Create and customize workflow templates for various operational tasks, incidents, and exceptions. Receive real-time notifications and alerts for task related status, performance issues, and incidents, enabling prompt action and resolution.

### Real-Time Performance Monitoring

Utilize comprehensive dashboards to visualize operations in real-time. Monitor key performance indicators (KPIs) such as production rates, equipment usage, and idle time to drive continuous improvement.

### Advanced Analytics

Analyze diverse data sources to uncover trends, identify bottlenecks, and make data-driven decisions. Transform how you measure, manage, and engage teams by closing performance gaps and retaining skilled workers.

### Mobile Task and Incident Management

Plan, execute, and monitor tasks on-the-go using mobile devices. Report and manage incidents in real-time and resolve them quickly, enhancing safety and compliance.

### Integration Capabilities

Seamlessly integrate with manufacturing execution systems (MES) and other enterprise systems, ensuring a unified platform for better visibility and management.

By leveraging these advanced tools and capabilities, Honeywell WFI enables manufacturing operations to become more proactive, efficient, and productive, ultimately driving better business outcomes.

## TASK USE CASES

- Daily Walkthrough
- Order Picking & Packing
- Inventory Management
- Facility/Equipment Maintenance
- Shipping & Receiving
- Value-Added Services
- Ad hoc Assignments (i.e., Replace Printer Media)

## INCIDENT USE CASES

- Maintenance / Service Requests
- Safety Incidents
- Inventory Discrepancies
- Operational Delays
- Quality Issues



## **BUILT ON THE HONEYWELL FORGE PERFORMANCE+ PLATFORM**

Honeywell Forge is a SaaS platform designed to deliver tangible outcomes in performance, sustainability, and OT cybersecurity. Whether your goal is capturing carbon, producing goods, or transporting cargo, Honeywell Forge integrates real-time data across assets, people, and processes to drive intelligent operations. It identifies inefficiencies, mitigates risks, and reduces costs. Built on a unified framework, Honeywell Forge offers a single login, a consistent user experience for easy training, and a shared security model that ensures data is securely transferred to the cloud, with extensibility for future functionality. It powers real-world results for intelligent operations.

## **LOOK TO THE FUTURE**

Honeywell's continuous innovations are transforming the future of manufacturing operations. By integrating advanced technologies and machine learning, Honeywell WFI is set to revolutionize manufacturing management. These advancements offer unmatched real-time data analysis and predictive capabilities, empowering more proactive and efficient operations.

With advanced analytics, manufacturers can predict equipment needs, optimize resource allocation, and enhance safety protocols. Honeywell's commitment to innovation ensures that its solutions will continuously evolve to meet the ever-changing needs of the manufacturing industry.

**The future with Honeywell is not just promising—it's transformative.**

Learn how Honeywell can partner with you to shape the future of your business.

**Contact a Honeywell representative at  
1-800-934-3163 or visit our [website](#).**

### **For more information**

[automation.honeywell.com](https://automation.honeywell.com)

### **Honeywell Safety and Productivity Solutions**

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WFI Manufacturing Solution Brief | Rev A | 10/24  
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