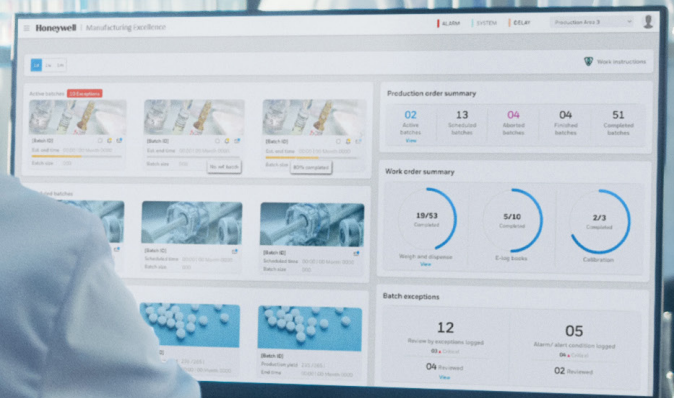


MANUFACTURING EXCELLENCE FOR **LIFE** SCIENCES

Accelerate Innovation

Honeywell
Manufacturing
Excellence



Honeywell

A POWERFUL PLATFORM BUILT TO ACCELERATE INNOVATION IN **LIFE** SCIENCES MANUFACTURING

The Honeywell Manufacturing Excellence platform enables life sciences manufacturing operations of different sizes and complexities to digitize, orchestrate, and accelerate optimization of all aspects of production to increase efficiency, quality, and compliance.

The flexible modular platform is built for pharmaceutical segments ranging from Active Pharmaceutical Ingredient (API) manufacturers to Contract Drug Manufacturing Operations (CDMO) and Cell & Gene Therapy producers in stages of product development from clinical trials to commercialization.

MODULAR, ADAPTIVE AND SCALABLE

Manufacturing Excellence enables the start of a digital transformation journey quickly and easily. It seamlessly

integrates with other Honeywell and third-party systems, including ERP, QMS, LIMS and DCS. More capabilities can be added as the journey to Pharma 4.0 maturity continues.

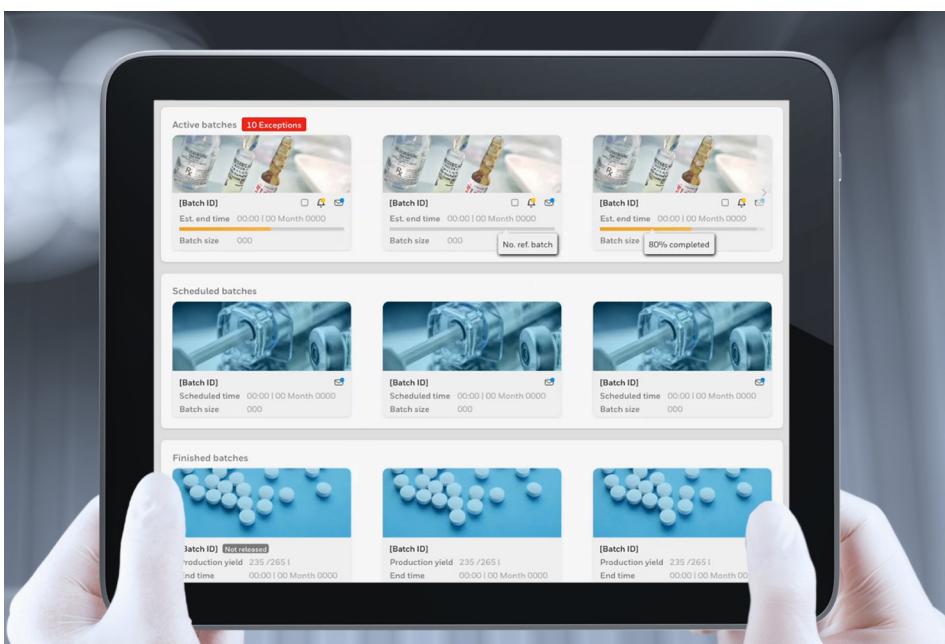
REAL-TIME DATA FOR CONTINUOUS IMPROVEMENT

Honeywell Manufacturing Excellence offers life sciences manufacturers of all sizes and complexities the end-to-end visibility they need to orchestrate production more efficiently, put data from disparate

sources in context, identify exceptions and address issues before they impact yield or delay production.

SINGLE SOURCE FOR PRODUCTION INSIGHTS

By offering access to actionable information throughout batch execution and release, Manufacturing Excellence closes the feedback loop and enables life science manufacturers looking to digitize their processes to make the most of data and insights from across all aspects of production.



MANUFACTURING EXCELLENCE AT A GLANCE

- Unified platform
- Faster corrective action
- Optimized quality
- Enhanced data integrity
- Improved documentation
- Audit readiness

MAXIMIZE EFFICIENCY, QUALITY AND COMPLIANCE

SYSTEMS INTEGRATION

Integration with ERP, QMS, LIMS, DCS and other systems.

COMPLIANCE & VALIDATION

Streamlines validation and ensures process and data security.

INTELLIGENT OPERATIONS

Provides end-to-end production visualization.

REAL-TIME INSIGHTS

Identifies progress and delays relative to your reference batch.

FASTER BATCH RELEASE

Reduces operator actions and signatures.

DIGITIZE WORK PROCESSES

Eliminates costly errors inherent in paper-based systems.

MODULAR DEPLOYMENT

Starts small and scales easily across production lines and sites.



HONEYWELL MANUFACTURING EXCELLENCE OFFERS CLEAR INSIGHT INTO WHAT'S HAPPENING NOW AND WHAT'S HAPPENING NEXT



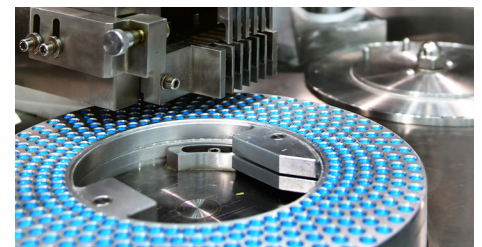
Accelerate Innovation

The new Manufacturing Excellence platform from Honeywell makes it easy to take advantage of the dramatic changes in the industry driven by digital transformation and a shift toward biologic portfolios. From digitalization of paper-based processes to seamless integration with your current systems, to real-time batch reporting, audit readiness, and continuous improvement, pharma and biologics manufacturers get what they need to accelerate innovation.



Real-Time Insights

Life Sciences manufacturers need actionable information in real time to optimize efficiency, quality, and ensure compliance. Honeywell's Manufacturing Excellence digital platform delivers the right information at the right time for each user role, from operators to management, enabling proactive action to prevent quality issues or lost batches. Its modular and scalable approach lets manufacturers deploy exactly what they need when they need it.



Continuous Improvement

With embedded analytics capabilities and real-time golden batch comparison, Manufacturing Excellence empowers continuous improvement for any scale of production. By enabling manufacturers to quickly identify delays and progress relative to a reference batch, it helps improve yield, reduce cycle time, and drive better throughput and quality.

For more information

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

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