

TRACKWISE® MANUFACTURING OPERATIONS MANAGEMENT PLATFORM

TrackWise Manufacturing
Powered by Aptica™

Honeywell

TRANSFORM YOUR MANUFACTURING OPERATIONS: WITH UNIFIED DIGITAL MANUFACTURING INTELLIGENCE

Pharmaceutical and biotech manufacturers face mounting pressures to accelerate time-to-market while maintaining stringent regulatory compliance and quality standards. Legacy manufacturing systems create data silos, manual processes, and limited visibility across operations. Companies struggle with disconnected HMI/SCADA, MES, DCS, and data historian systems that prevent real-time decision-making, increase compliance risks, and limit scalability as production demands evolve. The need for digital transformation has never been more critical to remain competitive in today's rapidly changing market.

SOLUTION OVERVIEW

TrackWise Manufacturing is a lightweight, modular operations management platform specifically designed for pharmaceutical and

biotech manufacturers, powered by Aptica. Our unified solution encompasses HMI/SCADA visualization, Manufacturing Execution System (MES) capabilities, and comprehensive data historian functionality, seamlessly integrating these features into a single, scalable platform that can exchange data with other Honeywell solutions and third-party systems.

Built with flexibility at its core, TrackWise Manufacturing adapts to your unique operational needs while providing the robust regulatory compliance features essential for life sciences manufacturing. Whether you're managing a single production line or multiple facilities, our platform grows with your business, enabling true digital transformation without the complexity and cost of traditional enterprise systems.

WHAT IS APTICA?

Honeywell Aptica is a platform designed specifically for operational technology (OT), focused on software-defined automation. It features a range of pre-built applications tailored for process automation, manufacturing operations, and quality management. Aptica virtualizes automation logic, data and intelligence from the underlying hardware.

As the supporting platform for TrackWise Manufacturing, Aptica introduces a modern modular approach to automation that simplifies deployment. It seamlessly integrates essential manufacturing components while providing an application environment that allows for the easy addition of new applications. With Aptica, you benefit from a single system that streamlines installation,



KEY FEATURES



Unified Process Visualization & Control

Real-time HMI/SCADA interface with customizable process graphics for comprehensive equipment monitoring and process control, manufacturing metrics, and reporting across all manufacturing operations.



Integrated Manufacturing Execution System

Complete MES functionality including batch management, recipe control, material tracking, electronic batch records and OEE that supports 21 CFR Part 11 compliance.



Comprehensive Data Historian

Advanced data collection, storage, and trending capabilities supporting both Batch Historian and Time Series Historian. With powerful analytics tools for process optimization, it serves as a single source of truth for regulatory reporting.



Seamless Integration

Simplified integration with business systems such as ERP and LIMS, complemented by OT integration capabilities with PLCs, DCS, Historians, and third-party Batch Execution Systems, with ready-made templates and connectivity to plant.



Modular Architecture

Flexible, scalable platform that allows selective deployment of functionality based on current needs with seamless expansion capabilities.



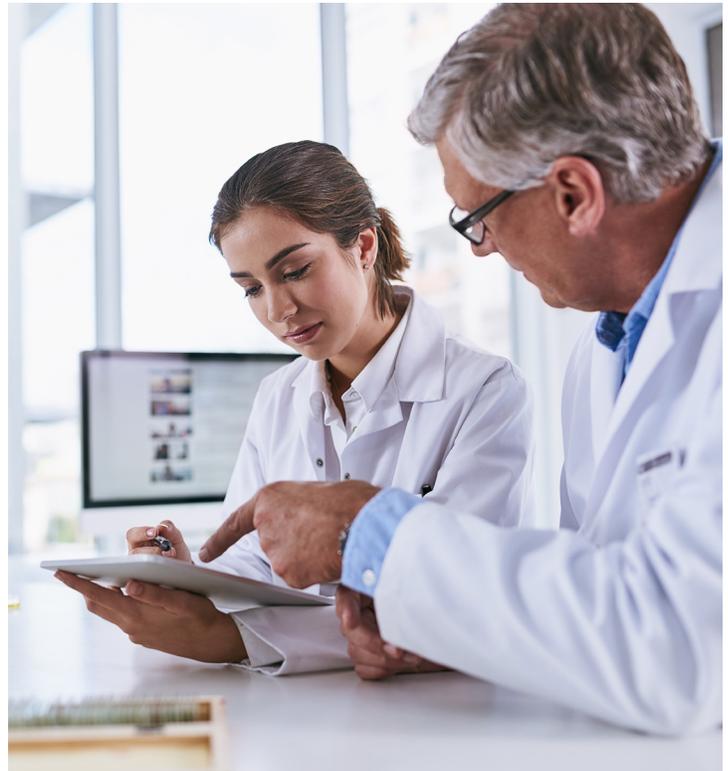
Cloud-Ready Deployment

Modern architecture supporting on-premises, cloud, or hybrid deployments with enterprise-grade security and automated backup capabilities.

WHY TRACKWISE

TrackWise Manufacturing is built for Life Sciences manufacturing combining proven technologies from Honeywell all in one modular platform and single user interface, including:

- Batch Records & History
- Digital Procedures
- eLogbooks
- Inventory Management
- Overall Equipment Effectiveness (OEE)
- Process Visualization & Insights
- Process Automation
- Recipe Authoring & Execution
- Weigh & Dispense





BENEFITS

Accelerate Time-to-Market: Streamline manufacturing processes and reduce Batch Release times through integrated workflow automation and real-time process optimization.

Ensure Regulatory Compliance: Built-in validation documentation, audit trails, and compliance frameworks specifically designed for FDA and global pharmaceutical regulations.

Reduce Total Cost of Ownership: Eliminate multiple vendor relationships and integration costs with a single, unified platform that scales with your growth.

Enable Data-Driven Decisions: Transform raw manufacturing data into actionable insights with advanced analytics and reporting capabilities for continuous improvement.

Future-Proof Your Operations: Modular architecture ensures your investment adapts to changing business needs and emerging technologies without costly system replacements.

TrackWise Manufacturing represents the next generation of manufacturing operations management, purpose-built for the unique challenges of pharmaceutical and biotech production. Transform your manufacturing operations today and discover how TrackWise Manufacturing can accelerate your digital transformation journey while reducing complexity and cost.

For more information

To learn more, visit
www.spartasystems.com

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

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