Honeywell | Connected Plant

Uniformance® Suite

Real-time Digital Intelligence Through Unified Data, Analytics and Visualization

What is Uniformance?

Honeywell's Uniformance Suite provides real-time digital intelligence through advanced process and event data collection, asset-centric analytics and powerful visualization technology, turning plant data into actionable information to enable smart operations. This solution becomes the backbone for the "Internet of Things" (IoT) for your organization and puts "data" in Big Data. With the Uniformance Suite, industrial organizations can maintain safe production with higher uptime, minimize operating costs, reduce risks, and ensure regulatory compliance.

Changing Needs of Information Management

All the Uniformance capabilities are organized in an asset-based system accessible in a secured manner — anytime, anywhere

Capture
Capture and store real-time process and event data.

Act
Connect process intelligence to critical business decision-making.

Predict
Detect and predict risks and opportunities with asset-centric advanced analytics.

Visualize
Visualize and explore information anytime, anywhere, to gain valuable insights.

Discover Digital Intelligence

The success of your industrial operation depends on data being transformed into meaningful and actionable information. Too often, however, data isn't seen or analyzed, and this limits continuous improvement of plant and business processes.

Value of Smart Operations

In a modern industrial facility, digital intelligence can be applied and utilized to implement an operational excellence strategy. Better and more-timely decisions are enabled by the availability of the required data along with insights gained through real-time analytics—shared with the right people at the right time. Smarter operations are only possible with technologies that integrate people and organizations to enable effective work processes.

By discovering digital intelligence, your plant can maintain safe production with higher uptime, minimize operating costs, reduce risks, and ensure regulations are met.

What if You Could:

- Access all critical process and event data anytime, anywhere
- Apply powerful visualization tools to quickly gain process insights
- Use advanced analytics to proactively detect equipment and process issues
- Determine how process-level metrics influence business KPIs to make effective decisions
- Identify opportunities proactively to improve your business results

Now You Can

Integrated Products to Improve Performance

Through its Uniformance Suite, Honeywell offers integrated, best-in-class data, analytics and visualization products built on a common platform to meet complex customer challenges, deliver significant business value, and reduce total cost of ownership.

Imagine a fully integrated suite where all types of data are efficiently captured and stored for easy retrieval. In the Uniformance Suite, information is easily visualized and explored for effective engineering analysis.

Events are predicted and detected based on underlying patterns and correlations, and process intelligence is used for better business decision-making — all performed within the context of an asset model.

Uniformance® PHD

Capture and Store Real-time Process and Event Data Across the Enterprise

- Robust data collection, distributed architecture across sites, and scalability from single unit to enterprise, plus system monitoring ensuring high availability
- Consolidated Event Journal provides a history of operational alarms, events, and process changes for incident reporting and investigation
- Integrated calculations apply engineering knowledge to raw data

Uniformance® Asset Sentinel

Monitor Plant Performance and Equipment Health

- Real-time, asset-centric analytics for engineering, maintenance, and operations
- Continuously monitor equipment health and process performance
- Predict and prevent asset failures and poor operational performance

Uniformance® Insight

Visualize Process Conditions and Investigate Events from Any Web Browser

- Ad-hoc process and event visualization
- Powerful trending and display environment
- Supports third-party historians and data sources

Uniformance® KPI

Define, Track, Analyze and Improve KPIs for Performance Management

- Calculate, present and store KPIs for organizational awareness of operating performance
- Modern web interface with support for mobile devices
- Secure access to KPI data for employees at different levels

Solutions for Demanding Challenges

Equipment Health Surveillance

Integrated environment for continuous plant equipment monitoring.

- Increased plant and asset availability
- Reduced maintenance costs
- Extended equipment life
- Increased safety

KPI Management

Powerful, yet easy-to-use application for comparing business metrics against targets.

- Greater understanding of performance
- Improved decision-making
- Better reporting
- Enhanced productivity

Process Monitoring

Unified solution for monitoring of plant processes.

- Improved profitability and unit operations
- Energy savings
- Improved reliability of equipment
- Reduced downtime

Energy Monitoring

Effective tools and dashboards for real-time energy monitoring.

- Reduced energy costs
- Lower resource utilization
- Improved reliability and efficiency

Benefits to Industrial Organizations

Increase Asset Utilization up to 10%

- Reduce unplanned downtime by predicting failures and providing pro-active response
- Minimize rate and efficiency losses.

Increase Safety

- Minimize risks by ensuring normal and stable operations
- Eliminate production stops for safety system verification.

Increase Operating Efficiency up to 10%

- Monitor energy usage to achieve up to 10% reduction in costs
- Improve engineering effectiveness with continuous monitoring, remote collaboration, and ready access to required information
- Increase engineering efficiency with an integrated decision support environment.

Reduce Maintenance Costs up to 10%

- Pro-active response to minimize equipment damage and emergencies
- Optimize maintenance based on real asset conditions
- Improve reliability and extend equipment life.

Why Honeywell?

Don't compromise on your operational and business performance — choose a supplier committed 100% to your success.

At Honeywell Process Solutions, we have decades of experience providing Advanced Solutions software to help industrial firms make sense of all the data in their plant.

We are the only global automation supplier with a complete offering of digital intelligence solutions, coupled with proven domain expertise and experience throughout the process industries.

More than an IT provider and consulting firm, Honeywell provides the technology and resources to enable smarter operations. Our Uniformance products allow customers to extract the right information to make faster and smarter decisions that can transform their business to improve safety, reliability, efficiency and sustainability—resulting in improved process and business performance.

For More Information

To learn more about Honeywell's Uniformance Solutions, visit **www.uniformance.com** or contact your Honeywell account manager.

Honeywell Process Solutions

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