



**HONEYWELL
FORGE**

**INDUSTRIAL
ENTERPRISE
PERFORMANCE
MANAGEMENT
TO SHAPE THE FUTURE
OF YOUR BUSINESS**



Global economic unpredictability and the pressure to reduce CAPEX sends an unmistakable message to operations: do more with what you have.

Industrial challenges today require owners and operators to efficiently and safely maximize their assets, pushing them longer and harder between turnarounds while consistently hitting production targets.

These challenges continue while the

experienced workforce begins to retire, leaving junior employees to manage aging assets with less time to develop a thorough knowledge and expertise.

Additionally, newer technologies and machinery produce vast amounts of data from disparate sources challenging

users to not only understand but know when and how to take action based on these insights.

Honeywell Forge Industrial Enterprise Performance Management (EPM) provides analytics from real-time data, visual intelligence and actionable recommendations.



With over 100 years of industry experience, our knowledge and expertise goes into every aspect of Honeywell Forge Industrial EPM, designed to help customers make better decisions that impact equipment performance, reliability, safety and profitability.

Customers realize benefits through four key capabilities provided by Honeywell Forge Industrial Enterprise Performance Management:

1. DATA & WORKFLOW ORCHESTRATION

Organizations require streamlined and coordinated processes across multiple systems and people to achieve faster business outcomes. Honeywell Forge Industrial EPM provides a foundation to orchestrate cross-functional and cross-application analytics, insights, recommendations and actions. Regardless of whether actions are carried out by a combination of applications, personnel at corporate headquarters, or workers in a plant or field, the solution ensures that the loop to obtain business value is always closed.

2. DOMAIN LED INSIGHTS

To further drive key business outcomes, organizations require effective ways to better leverage the significant volume of existing data already available to them. Honeywell Forge Industrial EPM packages decades of domain expertise into modern analytics enabling organizations to derive insights from existing data in a proven, repeatable and scalable manner. The increase in agility enables organizations to capture incremental benefits by rapidly responding to ever-changing internal and market conditions.

3. INTELLIGENT AUTONOMY

To remove business process bottlenecks, organizations need insights to be automatically converted into profitable actions. Honeywell Forge Industrial EPM enables organizations to drive key business outcomes by acting autonomously on intelligently derived recommendations. For example, organizations can use Smart Advanced Process Control to autonomously (or semi-autonomously) update the way a plant operates based on the insights derived from applying advanced analytics to unified planning, scheduling, maintenance and operations data.

4. ENTERPRISE VISIBILITY

To reveal opportunities to drive key business outcomes, organizations require a true enterprise-wide view of operations. Honeywell Forge Industrial EPM goes beyond simple dashboards by unifying disparate data to ensure the right metrics, opportunities, insights and recommendations are provided to the right people within an organization - from the plant to the boardroom. The persona-based solution is tailored to roles within the organization, so whether it is the VP of operations, plant manager, maintenance engineer, or field technician, users get the intelligence they require.



To deliver these capabilities, **Honeywell Forge Industrial EPM is underpinned by two key principles:**

1. LEVERAGE EXISTING IP

Organizations want to unlock additional value without having to replace decades of IP that has already been captured in numerous digital (and physical) assets. Rather than requiring an expensive rip and replace project, Honeywell Forge Industrial EPM allows organizations to start with what they have and leverage their existing assets to create new capabilities that will enable increased economic outcomes.

2. AGNOSTIC & INTEROPERABLE

In many cases, data and insights from multiple vendor applications is required to derive intelligent recommendations and take action. Honeywell Forge Industrial EPM is vendor agnostic, securely interconnecting data and insights across an organization's suite of applications. This inter-operability means business processes can be digitally enabled as workflows across a heterogeneous environment.

Running at near capacity, a pilot program was implemented at PMT's facility in Orange, TX to demonstrate ways that Honeywell Forge Industrial EPM could push the envelope for their continuous improvement culture.

The PMT facility needed to reduce its degree of planned downtime for preventative machinery maintenance and required a way to extend service intervals without increasing the risk of an unplanned event. This had to be initiated quickly using existing plant resources without interrupting operations to ensure on-time delivery for their customers.

Using the unified dataset as the basis for applying modern analytics, the engineers developed enhanced predictive models that both recognized impending machine/process deterioration and provided accurate estimates for a prolonged time to required maintenance.

For more information

To learn more about Honeywell Forge Enterprise Performance Management, visit honeywell.com or contact your Honeywell account manager.

Honeywell Connected Enterprise

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