

UNLEASH YOUR THERMAL PROCESS DATA TO DRIVE BETTER BUSINESS OUTCOMES

Connected Thermal Solutions
Powered by Honeywell Forge
Performance+ for Industrials | Thermal IQ™



Honeywell

ELEVATE YOUR THERMAL INSIGHT QUOTIENT WITH CONNECTED THERMAL SOLUTIONS

Honeywell Forge Performance+ for Industrials | Thermal IQ is a powerful tool for combustion applications. It automates the extraction of thermal process data and helps you drive better business outcomes with real-time thermal analytics developed by Honeywell thermal process experts.



Thermal IQ collects, analyzes and visualizes massive thermal datasets in real time without significant investment, system downtime or strain on existing IT infrastructure.

IMPROVE RELIABILITY

Get asset insights and categorize based on anomalies with advanced analytics to avoid potential downtime.

DRIVE PERFORMANCE

Know more about combustion performance and use operational KPIs to win immediate efficiency gains.

GET STARTED QUICKLY

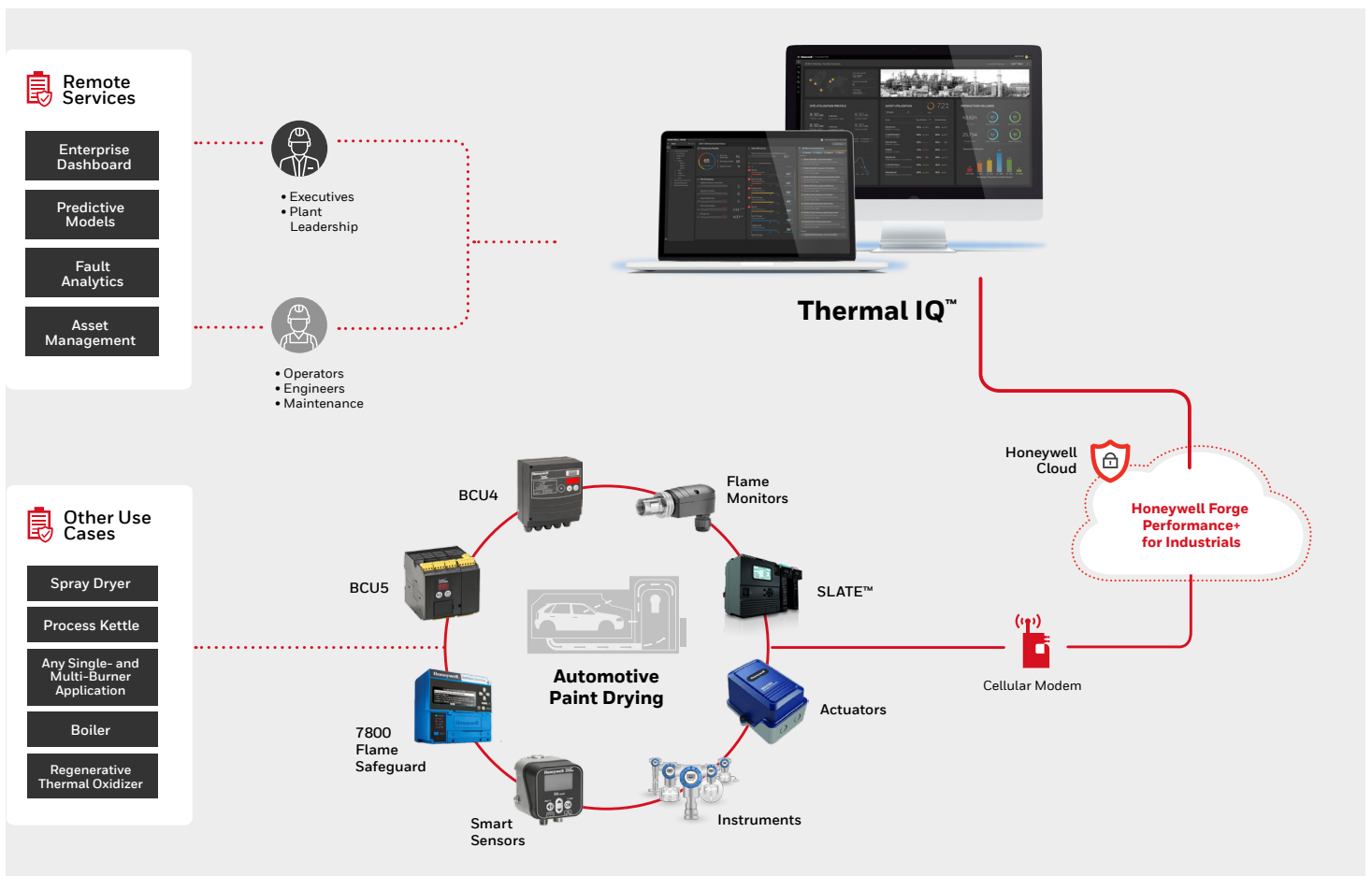
With its hardware-agnostic philosophy and thermal asset library, users can deploy this cloud solution to virtually any MODBUS-capable device — and scale with ease.

COUNT ON HONEYWELL EXPERTISE

Leverage our thermal expertise in combustion *and* customization — and fill in any knowledge gaps with our intelligent, cost-effective solution.

CONNECTED THERMAL SOLUTIONS POWERED BY THERMAL IQ™

The Thermal IQ™ platform is a remote monitoring solution that securely connects your combustion equipment to the cloud, making critical thermal process data available anytime on your desktop. It offers seamless integration for all plant personnel, from operators to managers.



Benefits of Thermal IQ:

- VISIBILITY**
 Access, analyze and act on real-time, accurate and critical thermal performance data.
- ADDRESS SKILL GAP**
 Site and controller management, user administration, and performance indicators can be self-serving.
- SUSTAINABILITY GOALS**
 Help track emissions outputs and increase the energy efficiency of equipment with customizable dashboards.
- COST-EFFECTIVE IIoT**
 This remote monitoring solution securely connects combustion equipment to the cloud without straining operational budgets.
- YOUR DIGITAL PARTNER**
 Drive smarter decisions and optimize thermal operations in as little as a few hours.

REAL-TIME ASSET PERFORMANCE MONITORING



ACHIEVE FASTER SERVICE RESOLUTIONS WITH SMARTER MAINTENANCE

- Critical information in the right hands at the right time
- Enterprise-level benchmarking finds poor-performing assets
- Machine-generated asset performance report makes the first evaluation easy for maintenance and contractors
- Better first-time fix metrics as technicians bring the right tools and parts the first time
- Facilitates remote technical expertise and support
- Stay ahead of problems with early alerts, analyses and recommendations about potential failures

GET THE RIGHT INFORMATION IN THE RIGHT HANDS AT THE RIGHT TIME



MONITOR

See real-time and trending data and get alerts when key parameters are outside normal limits.



MANAGE

Connect everyone from management to maintenance with insights that drive smarter decisions.



MAXIMIZE

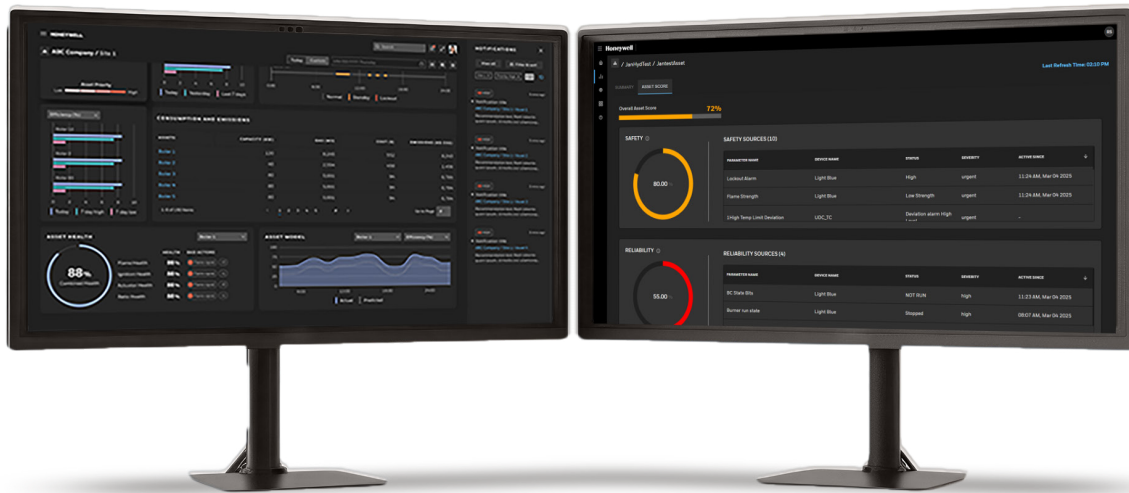
Stop waiting for faults and failures that can lead to shutdowns. Get ahead of issues and maximize uptime.

“Without this tool, we wouldn’t have discovered the issue until we had flame-out issues. This helped fix the issue before it became a problem.”

– Pipelines & Thermal
System Manager,
a Gypsum Company

CENTRALIZED ACCESS TO ALL THERMAL PERFORMANCE DATA

Achieve enhanced enterprise safety, reliability and efficiency via customized visualization through a single lens.



Enterprise-, regional- and site-level dashboard views provide a quick performance overview of thermal assets, with changing levels of performance indicated by different colors.

An **asset-level view** comes with an asset score, which grades your assets based on outstanding alerts regarding safety, reliability and efficiency. This helps you act decisively on a few points that impact your business the most. What's more? Alerts, active duration and recommendations help you fix inefficiencies fast.



From a high-level snapshot of equipment to the real-time status of key parameters in an asset score, Thermal IQ is also easy to configure and quick to scale, providing insights and optimizing thermal operations in as little as a few hours.

“As a business leader, Thermal IQ provides me with the ability to quickly look at overall business performance. Organization visibility also increases collaboration across divisional and plant teams, increasing productivity by proactively prioritizing more reliable systems and plants based on comparative metrics.”

– Corporate Thermal Team Manager, Global Manufacturer

ACTIONABLE INTELLIGENCE FOR BETTER BUSINESS OUTCOMES

Thermal IQ works with any combustion equipment to bring greater awareness and efficiency to entire processes, enterprises and industries.



Cascading Performance Dashboards

Enterprise, site and asset dashboards filter and cascade performance metrics for every role.

Increase Productivity

Benchmark all assets to find inefficiencies and assets with suboptimal performance. Then, use Thermal IQ's insights to take corrective action.

Prepackaged and Customizable Analytics

When historical data and trends are overlaid with analysis tools, leaders and data scientists can solve hidden and complex problems proactively.

Customizable Architecture

Thermal IQ is scalable across any system and all sites to fit the needs of your organizational dynamics and goals.

Meets Global Cybersecurity Standards

The cloud-based security framework of Thermal IQ aligns with the principles of the industry standard: Electrotechnical Commission (IEC 62443).

Self-Serve Capabilities

Thermal IQ enables site and controller management, user administration and performance indicators to be self-serving for agile, accurate results.

BRING NEW EFFICIENCIES TO CRITICAL PROCESSES

By leveraging the Honeywell Forge Performance+ for Industrials | Thermal IQ platform, you are tapping into powerful, advanced and secure Honeywell software platforms like Elevate, Sentience and Asset Performance Management, which can be used to safely and reliably operate the world's largest and most profitable companies.



Insight above. Performance beyond.
Elevate your Thermal IQ today.

For more information

[https://automation.honeywell.com/
us/en/products/thermal-solutions](https://automation.honeywell.com/us/en/products/thermal-solutions)

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THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell