

# CONNECTED THERMAL SOLUTIONS POWERED BY THERMAL IQ™

Unleash Your Thermal Process Data to Drive Better Business Outcomes



Honeywell

# ELEVATE YOUR THERMAL INSIGHT QUOTIENT WITH CONNECTED THERMAL SOLUTIONS

Honeywell's Connected Thermal Solutions platform powered by Thermal IQ™ automates the process of extracting thermal process data and helps you drive better business outcomes with real-time thermal analytics developed by Honeywell thermal process experts.



## 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 utilize 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 and scale with ease.



## COUNT ON HONEYWELL EXPERTISE

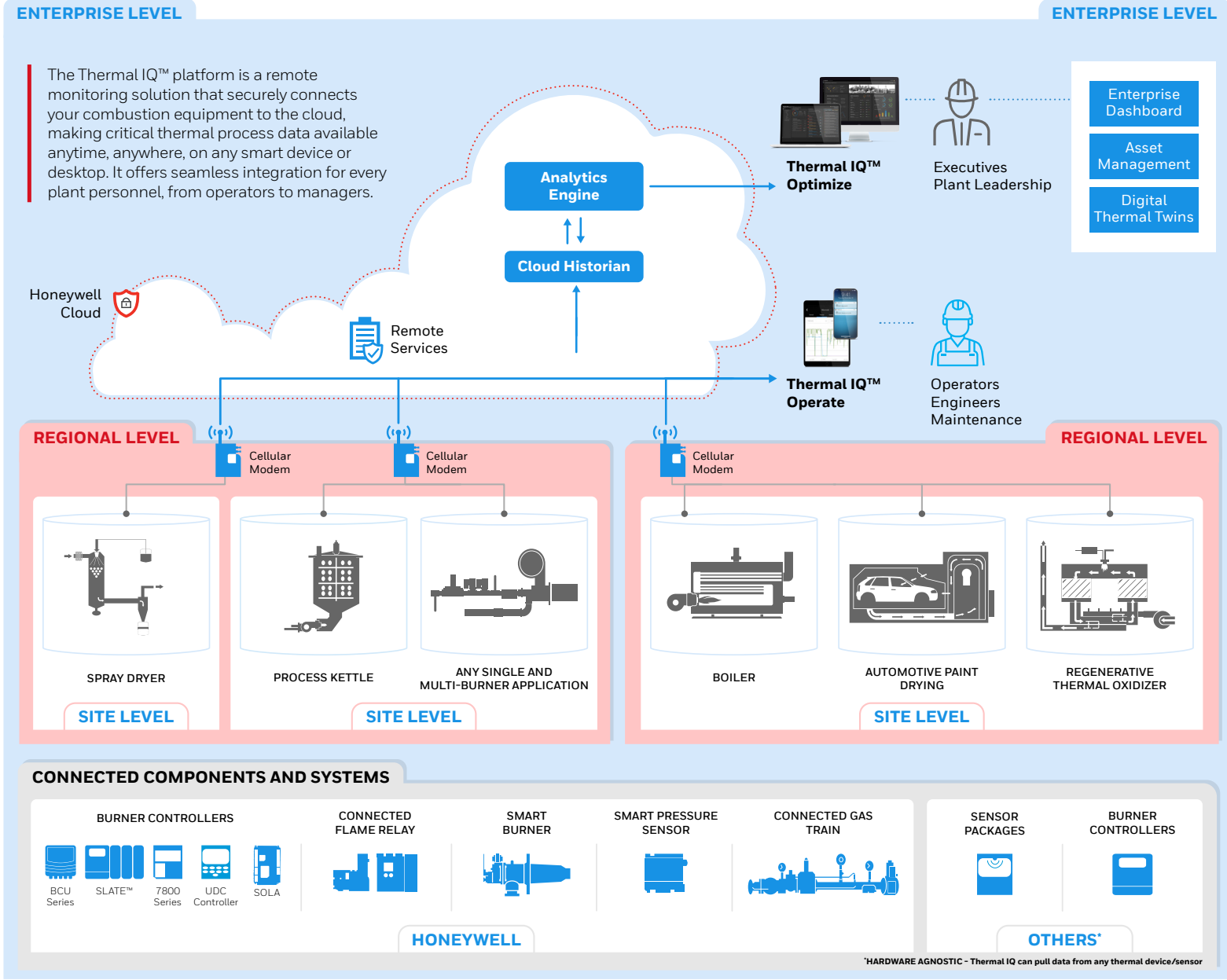
Leverage our thermal expertise in customization and fill in any knowledge gaps to build a cost-effective solution.

The powerful Thermal IQ platform collects, analyzes and visualizes massive thermal datasets without significant investment or straining IT infrastructure.

Safety audits are made easy, thanks to 100% compliance procedures for Safety and Risk management.



# THERMAL IQ PLATFORM



# THERMAL IQ OPERATE

## REAL-TIME ASSET PERFORMANCE MONITORING



### FASTER SERVICE RESOLUTION WITH SMARTER MAINTENANCE

- Critical information in the right hands at the right time
- Enterprise level benchmarking to find worst performing assets
- Better First Time Fix (FTF) metrics as technicians bring the right tools and parts the first time
- Facilitates remote remote technical expertise and support
- Stay ahead of problems with early alerts, analysis and recommendations about potential failures.

“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 Systems Manager, a Gypsum Company

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.

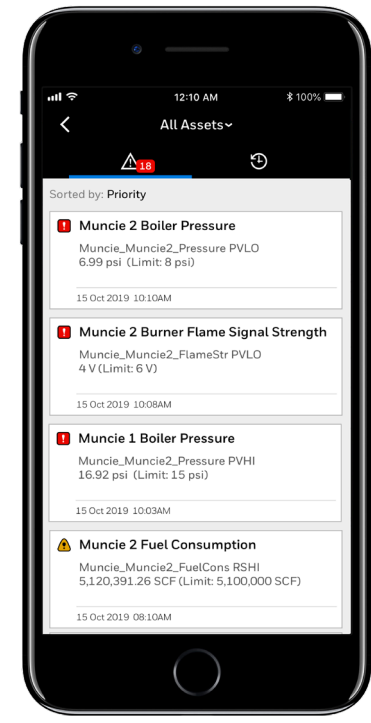
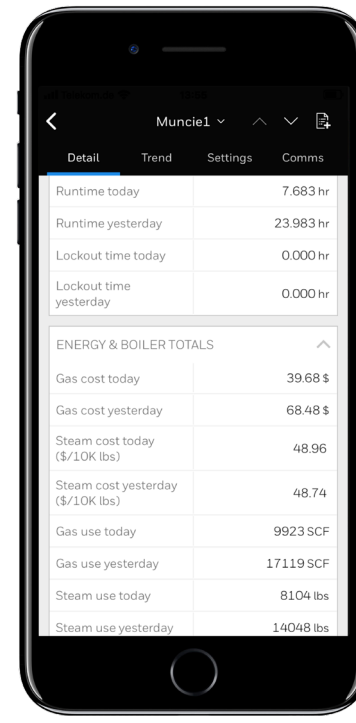
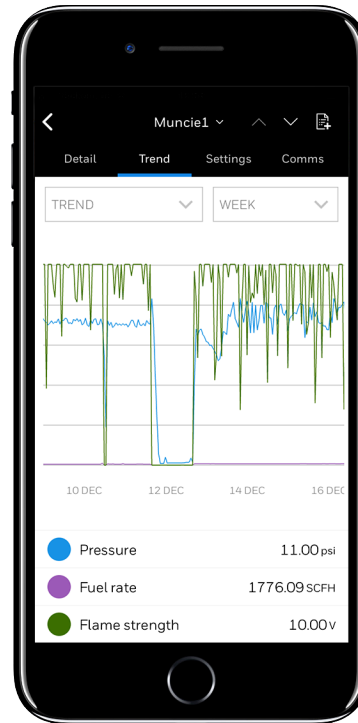
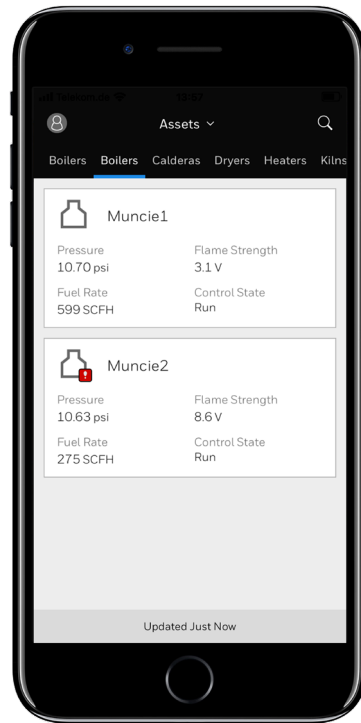


### MAXIMIZE

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







Get critical alerts and notifications right on your home screen



See high-level overview of all your connected thermal process equipment



Drill down into each piece of thermal process equipment to see current alerts and status of key parameters



See which alarms have been configured with your current system



Track historical data and alarms by day, week or month to identify trends and opportunities for improvement

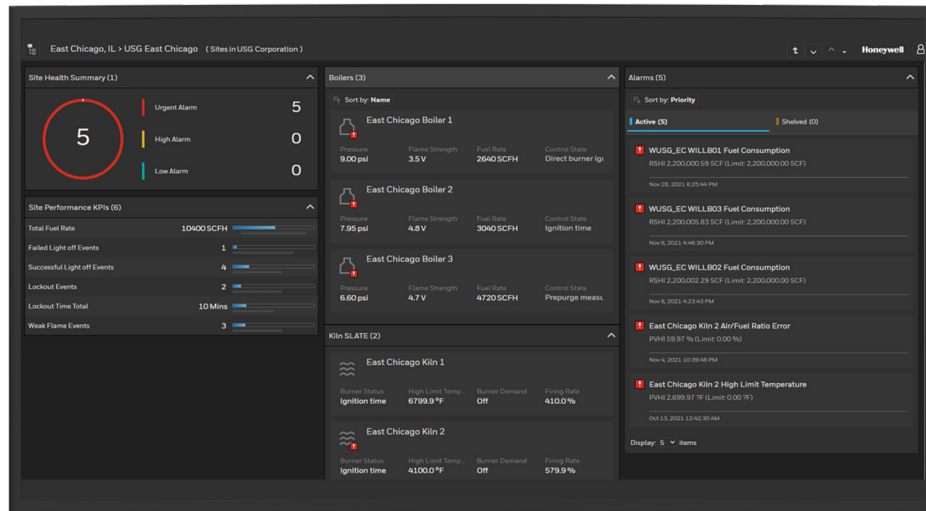


Get troubleshooting tips based upon the alert / alarm

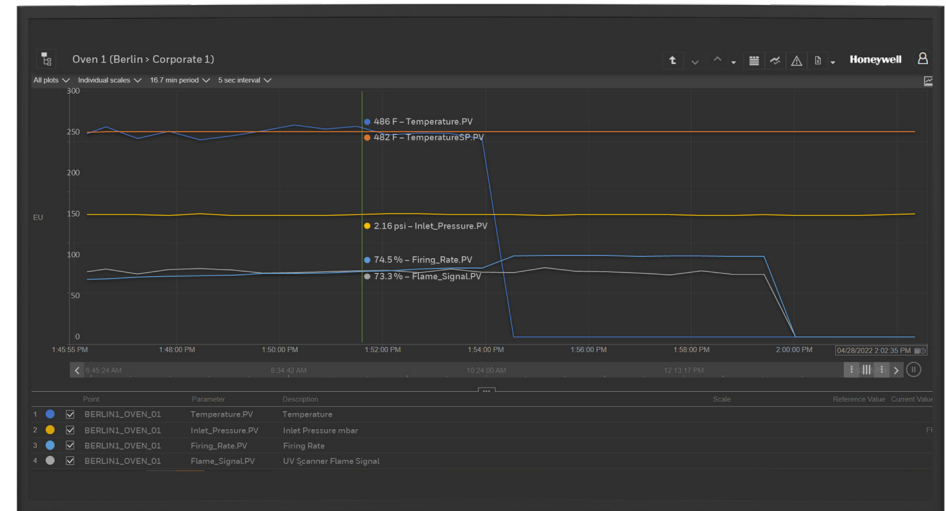


# THERMAL IQ OPTIMIZE ENTERPRISE ASSET PERFORMANCE & PROCESS MONITORING

ACHIEVE ENHANCED ENTERPRISE SAFETY, RELIABILITY, AND EFFICIENCY VIA CUSTOMIZED VISUALIZATION THROUGH A SINGLE LENS.



*Enterprise, regional and site-level dashboard view for a quick performance overview and to benchmark performance of assets.*



*Asset level view allows you to drill down into each piece of equipment to see real-time reporting, visualize historical trends, and see fault reports with detailed analysis.*

## CORPORATE THERMAL TEAM MANAGER, GLOBAL MANUFACTURER

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

# ACTIONABLE INTELLIGENCE FOR BETTER BUSINESS OUTCOMES



## Cascading Performance Dashboards

Enterprise, Site, and Asset dashboards filter and cascade performance metrics for every role.



**Increase Productivity** by benchmarking all assets globally to find the poorest performing assets and make them as good as the best performing ones.



## Prepackaged and Customizable Analytics

Historical trending overlaid with analysis tools, empowers leaders and data scientists to proactively solve hidden and complex problems.



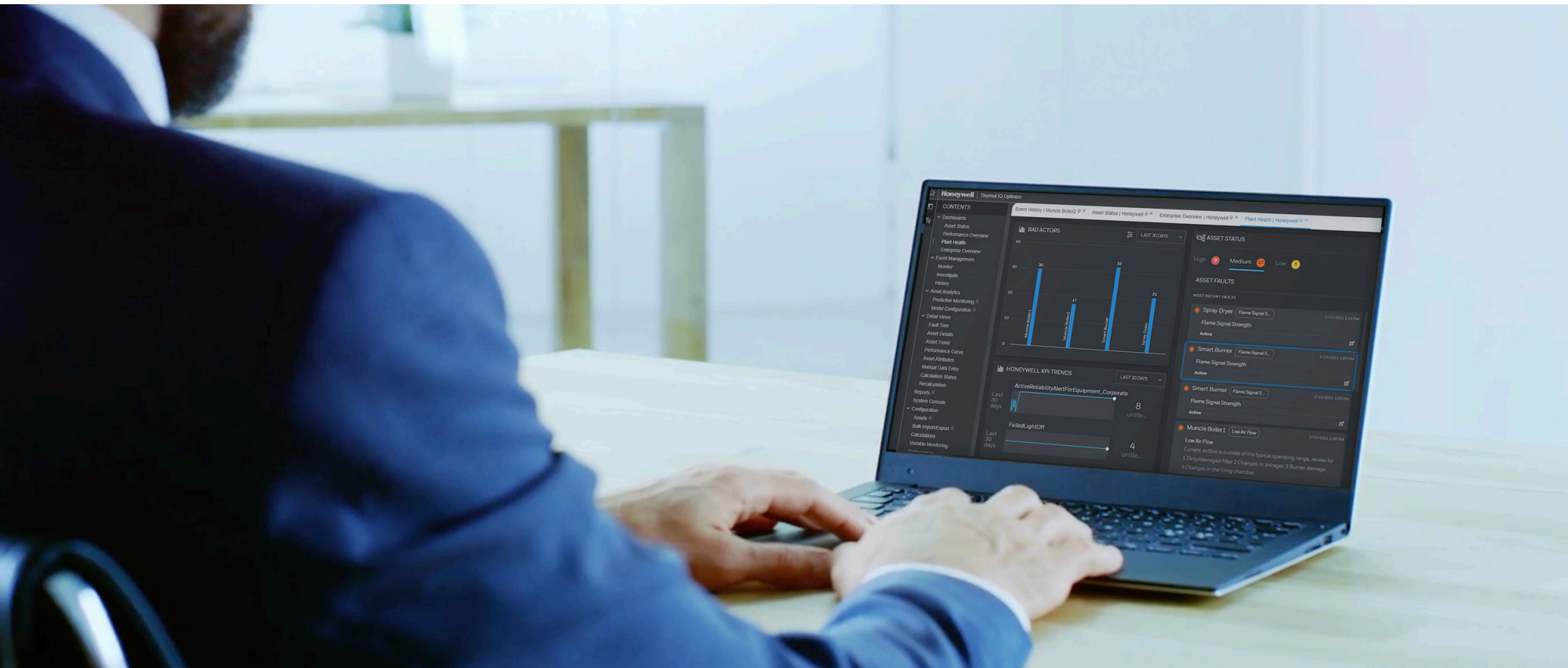
## Customizable Architecture

Thermal IQ Optimize is scalable across systems and sites to fit the needs of your organizational dynamics and goals.



## Secure

The security framework of Thermal IQ is aligned with the principles of the industry standard - Electrotechnical Commission (IEC 62443).





# Drive Better Business Outcomes with **HONEYWELL THERMAL IQ**

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

Insight above. Performance beyond.

## **Elevate your Thermal IQ.**

Visit [ThermalSolutions.Honeywell.com/TIQ](https://ThermalSolutions.Honeywell.com/TIQ) to learn more.

### **For more information**

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Controls, Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, Exothermics, Hauck, Kromschroder and Maxon. To learn more about our products, visit [ThermalSolutions.Honeywell.com](https://ThermalSolutions.Honeywell.com) or contact your Honeywell Sales Engineer.

### **Honeywell Process Solutions**

Honeywell Thermal Solutions (HTS)  
2101 City West Blvd,  
Houston TX 77042

[ThermalSolutions.Honeywell.com](https://ThermalSolutions.Honeywell.com)

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THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT

**Honeywell**