Game-changing solutions are helping industrial facilities eliminate unplanned downtime, maximize output, minimize safety risk and optimize supply chain strategies.
HONEYWELL CONNECTED PLANT
Connecting Expertise Across the Enterprise

Plant Executive View: Mobile Alerts and Dashboard

Plant Manager receives a Pulse notification. The feed rate in the CCR Platforming™ unit dropped.

Process Reliability Advisor dashboard shows the drop in feed rate overnight which impacts the production plan.

HONEYWELL PULSE™
• Define alerts you want to see
• Real-time information about status of plant
• Condition-based metrics
• True collaborative environment

Process Engineer View: Dashboard with Drill-down Capability

Process Engineer calls up the unit dashboard for troubleshooting.

PROCESS RELIABILITY ADVISOR
• KPI monitoring
• Fault analysis
• Embedded UOP proprietary models

Hi! Got a Pulse notification which impacts the production plan.

I see our production is down production plan. Can you check our CCR Platforming unit below plan. Can you check the dashboard.

Thanks! Plant Manager

Sure thing! I’ll check the dashboard.

I have found the problem – the Platforming unit feed rate was reduced overnight to manage the net gas compressor load increase. I’ll look into why.

Process Engineer

Plant Manager

OK

Hi! Have a Pulse notification and checked the dashboard – our production is 10% below plan. Can you check our CCR Platforming unit performance?

Plant Manager

Process Engineer calls up the unit dashboard for troubleshooting.

OK

Process Engineer views the unit dashboard.

Plant Manager received a Pulse notification. The feed rate in the CCR Platforming™ unit dropped.
Process Engineer, Honeywell and OEM Expert Collaborate on Asset Dashboard

- Process Engineer connects with UOP specialist and the compressor expert
- The compressor OEM runs data analytics and learns the compressor load increase was caused by blade fouling. He recommends a Naphtha wash
- Naphtha wash solves the problem and normal production resumes within a few hours of the initial slow down

UNIFORMANCE® ASSET SENTINEL
- Asset modeling
- Run-time analytics
- Event management
- Process & equipment health monitoring

Process Engineer Collaborates with UOP Specialist for Preventative Solution

- UOP specialist analyzes process conditions to determine cause of blade fouling—identifies inadequate dryer control
- Process Engineer collaborates with UOP specialist to improve dryer control and tune the control loop to prevent blade fouling and abnormal compressor load

- Process Engineer
  - Event management
  - Asset modeling
  - Preventative solution
- Plant Manager
  - Production issues
  - Production planning
- UOP specialist
  - Data analytics
  - Preventative solution
Customers demand continual improvements in process efficiency and reduction in off-spec production.

### CUSTOMERS
Better insight to manage equipment, maximize performance and lifespan
- Optimizing process yields
- Maximizing mix of feeds to convert
- Lowering energy use
- Lowering maintenance cost

### EQUIPMENT MANUFACTURERS
Benchmark equipment data and tools performance and offer advisory service
- Subscription revenue for enhanced support services
- Product improvement feedback

### For more information
Learn more about how Honeywell Connected Plant can improve process reliability, visit [www.honeywellprocess.com/iiot](http://www.honeywellprocess.com/iiot) or contact your Honeywell account manager / Honeywell UOP representative.

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