



EQUIPMENT AND SYSTEMS

# UOP Drier Regeneration Control System (DRCS)

Retrofit DRCS Solution

## Introduction

Honeywell UOP provides tailored Aftermarket solutions that allow customers to focus on proactive maintenance strategies, operational optimizations and improvements, and reduction in total cost of ownership. UOP is committed to providing customers with proven control system technology to help ensure the long-term performance and reliability of UOP equipment. UOP proudly offers DRCS retrofits that provide customers with control systems designed to improve existing operations of Penex and Butamer technologies to most efficiently meet business goals.

## Control System Modernization

UOP's investment in continuous product design shows our commitment to technology development and updates for improved lifecycle management.

- Modernization of your DRCS control systems allows you to take advantage of new functionality with enhanced troubleshooting tools
- As technology advances, hardware capabilities are quickly surpassed by new platforms

## Why should you retrofit?

UOP continuously improves our control systems and proactively takes steps to ensure that improvements are implemented in our standard control system design. With the pace of technology advancements, system components are becoming obsolete more quickly. The UOP control system retrofits have been developed to offer the following benefits:

- Overcome obsolete spare part availability issues
- Utilize current technology
- Features for Penex and Butamer processes helps minimize catalyst damage



## Technology Evolution

The UOP retrofit designs use the latest in critical control and capture enhancements from current DRCS technology. By integrating this with our accrued process knowledge, the systems can provide the following benefits in:

- Process (functionality)
- Operating (ease of use)
- Training (troubleshooting)

## Justification

“Our current unit has been running just fine for years. How can I justify replacing it?” If you've had issues with the following, it may be time to consider upgrading:

- Performance
- Number of Shutdowns & recovery time
- Maintenance budgets

## FEATURES & BENEFITS

- **Automated Regeneration Shutdowns**

Automated regeneration shutdowns are included which allow the DRCS to respond appropriately to abnormal situations

- **Improved Dynamic Help Screens**

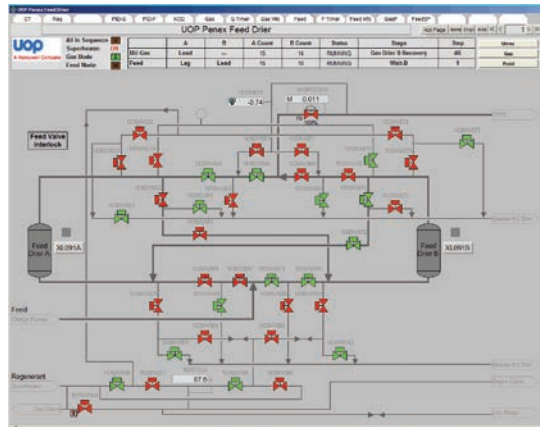
Troubleshooting aid delivers faster diagnostics through logic step requirements and what conditions need to be satisfied for the operation to continue or to diagnose trips that may have occurred

- **Feed Valve Interlock**

When operating in manual mode, valve interlock logic is active to prevent operators from unintentionally misaligning valves, resulting in undesirable operating scenarios

- **Improved Functionality**

Reduce severity and duration of process upsets when a freshly regenerated drier is placed in adsorption mode



Feed Drier Screen

### For more information

[www.uop.com](http://www.uop.com)

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