

COPILOT® SYSTEM AND THE HUB® SOFTWARE RELEASE NOTES

Build No. v11.3.0



Overview

This release of The Hub software and CoPilot system features improvements to the Heat and Cool Feature, security for The Hub Virtual Appliance (VA) systems, and a bug fix for The Hub Connect (OPC UA).

CoPilot® System: New Features

Heat and Cool: Heat Hold

Overview

The Heat and Cool feature now includes Heat Hold, with a configurable Heat Hold Differential.

Heat Hold

During normal operation, the mold heating activation and deactivation depends on a mold closed signal; during cycle stoppages, there is no mold closed signal, causing the mold to overheat or cool off entirely. The Heat Hold option maintains the mold temperature in the event that a cycle stoppage occurs.

Heat Hold Differential

With Heat Hold setup and enabled, mold heating is activated and deactivated as usual during normal operation. However, Heat Hold provides a “Heat Hold Differential”—a temperature delta configuration—that enables mold heating to activate at a specified degree(s) below the deactivate heating setpoint. The Heat Hold Differential creates a mold temperature band within which the mold remains until the cycle stoppage ends, and normal operation resumes.

Applied settings will take effect immediately.

Controls Default Operation

New processes will default controls to disabled, so heating stays off until the user sets up and enables a control; previously, the default for several controls was enabled. Existing processes maintain existing settings.

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The Hub® Software: Bug Fixes

Security Improvements

RJG has implemented regularly-scheduled security improvements for The Hub software Virtual Appliance (VA) systems.

The Hub® Connect (OPC UA): Bug Fixes

Server Not Starting on Install

When The Hub Connect was installed, the OPC UA server did not start.