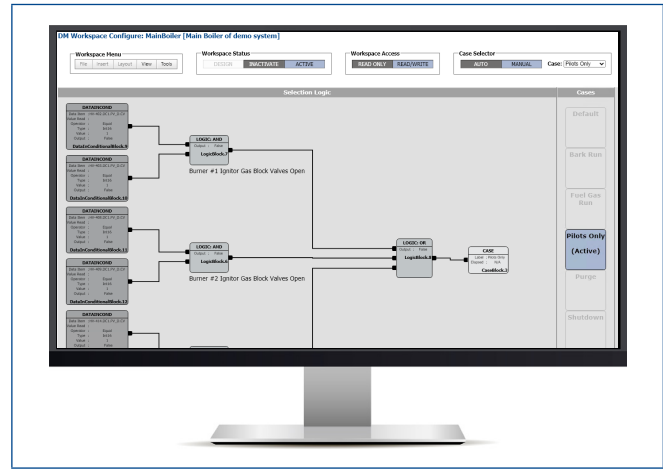


DeltaV™ AgileOps Dynamics

- State-based alarming
- Eliminate alarm floods to improve situational awareness of the operator
- Easy, drag and drop interface to develop state logic
- Easy detection of errors
- Compliant with API RP1167, IEC 62682 and ISA 18.2 standards
- Compatible with multiple control system platforms



AgileOps Dynamic Logic Workspace for Detecting Changes in State.

Introduction

DeltaV™ AgileOps Dynamics allows the alarm configuration to change based on the operating state and process conditions of your facility. Built-in transition management ensures smooth and safe alarm transitions from one operating state to another, which effectively eliminates alarm floods during upset conditions and state changes. This allows operators to focus on optimizing the facility operations rather than responding to unnecessary alarms.

AgileOps is compliant with ISA 18.2, EEMUA 191, IEC 62682, API RP1167, 49CFR192.631 and 49CFR195.446 standards.

Benefits

- **Eliminate Alarm Floods** – Built-in transition management allows for easy and safe state transitions without generating alarm floods or missing critical alarms due to excessive delays configured for alarm activation to prevent alarm floods.
- **Built-in Contention Management** – with AgileOps Alarm Shelving and Enforcement Reports. This allows users to choose which application has write priority over others when a common control system parameter is written to.

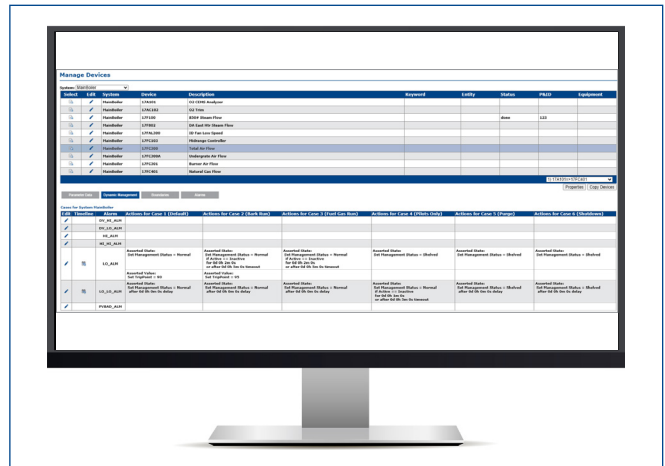
- **One Solution Across the Enterprise** – Using the same tool and approach for state-based alarming, regardless of the control system, allows for a standardized solution to be implemented across multiple sites in your organization. Operations and Engineering are cross trained to support AgileOps, so they do not need to change the alarm management solution if a control system is migrated or upgraded.
- **User Friendly** – With AgileOps, there is no need for custom displays or programming for dynamic logic on the control system. Maintenance is drastically reduced.
- **Concurrently Monitor Software on Multiple Control Systems** – In addition to DeltaV, AgileOps is compatible with many control systems including Ovation™, OpenEnterprise™, Honeywell Experion® and TDC®, Siemens PCS7® and APACS, ABB 800xA, ABB Advant, DOW's MOD 5, Schneider Foxboro®, TIS/OMM, ClearSCADA/GeoSCADA, and Yokogawa Centum VP, thus delivering a complete solution for an entire site with one or multiple control system manufacturers. AgileOps also offers a generic connector for other systems not listed.

Product Description

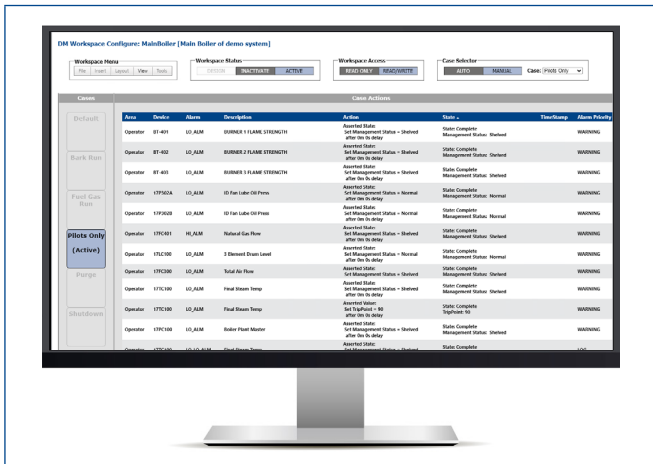
AgileOps Dynamics provides the capability to manage the states and state transition of control system settings according to any set of user defined logic. AgileOps automatically adjusts alarm settings, such as enabled, suppressed, or shelved, and can change alarm priority or trip point, based on operational state of the unit.

Dynamic Alarm Management is key to controlling alarm floods. During critical modes of operation such as startup and shutdown, the alarm system design is optimized, improving situation awareness of the operator and reducing the risk of missed alarms. AgileOps has the capability to transition alarms using Intelligent Enable technology as opposed to bulk enabling alarms during startup, which causes alarm floods, or suppressing alarms too early on shutdown, which creates unsafe conditions. AgileOps dynamic alarming is easily configured without having to create large amounts of control system configuration. This allows Operations and Process Engineers to view and understand dynamic alarming without having to inspect control system configuration. Dynamic alarming leverages the built-in alarm behavior in the control system without replacing alarm screens or other components. AgileOps manipulates the alarm settings in the control system from the AgileOps server.

Dynamic alarm rationalization can be completed simultaneously in the AgileOps Database when static rationalization is done, minimizing rework. Any configuration in the master database is automatically brought into AgileOps Dynamics with no end-user input required. Updates in the AgileOps Database are also automatically updated to AgileOps Dynamics in real-time. URL links between AgileOps Dynamics and Database allow for easy navigation between the features in the web environment.



Dynamic Rationalization Configuration of Dynamics in the AgileOps Database.



AgileOps Case Actions.

The integrated, user-friendly operator interface provides a simple drag and drop system, as well as a canvas, to allow rapid development of the state logic and easy updating when changes are needed. Issue detection and tracking in the runtime is simplified via visual cues in the web applications. The logic can be built directly in the web interface or imported from Visio. Existing workspace logic can also be directly printed to PDF or exported to Visio. Exported Visio file formats can be used for backing up of configuration or to allow for external editing and reimporting.

Product Support

AgileOps Product Support is delivered through Guardian™. Guardian is Emerson's digital platform for addressing the end-to-end lifecycle needs of automation & control software and asset performance management solutions. The Guardian digital experience enables users to quickly connect to product support; securely manage subscriptions; get intuitive views into system health; and explore additional software and services that propel performance.

Requirements

- Hardware Requirements
 - 2.20 GHz 8 core processors
 - 64 GB Ram
 - 512 GB hard drive
- Software Requirements
 - Microsoft SQL Server 2016, 2019, or 2022 with Microsoft Server OS 2016, 2019 or 2022
- Web browser (Microsoft Edge or Chrome)
- Licensing for AgileOps Database

Ordering Information

DeltaV AgileOps is licensed on a Flexible Subscription Unit (FSU) basis. An FSU is a currency that can be used to access any AgileOps feature licensed on an FSU basis, with each feature requiring its own number of FSUs. The FSU subscription is offered in one-year, three-year, and five-year terms. To purchase, extend, or expand a license, please contact your Emerson Sales Representative.

Related Products

- DeltaV
- DeltaV AgileOps Alarm Shelving
- DeltaV AgileOps Database
- DeltaV AgileOps Dynamics
- DeltaV AgileOps Operational Limits
- DeltaV AgileOps Performance Analytics
- DeltaV AgileOps Safety Integrity

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