DeltaV™ AgileOps Performance Analytics

- Alarm system monitoring and metrics reporting

- Enterprise dashboards

- Interactive analysis reports

- Compliant with API RP1167, IEC 62682 and ISA 18.2 standards

- Compatible with multiple control system platforms

AgileOps Performance Analytics Dashboard.

Introduction

The DeltaV™ AgileOps Performance Analytics module allows the measurement, tracking and reporting of key performance indicators for events occurring in your facility. AgileOps reports alarm metrics as a result of data analysis which it automatically collects from one or more control systems. Metrics can be analyzed by the minute, hourly, daily, weekly, monthly or on a yearly basis. AgileOps Performance Analytics is designed as an enterprise application that provides the necessary detailed information from local unit personnel up through complex-wide and cross-facility views for the enterprise.

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

Benefits

- **Area, Site and Enterprise Level Reporting –** AgileOps provides a single alarm KPI solution across your organization at the unit, site, or enterprise level. Standard reporting provides a consistent and repeatable approach to event analysis and reporting.

- **Control System Agnostic –** AgileOps can aggregate data from multiple control system platforms providing a unified view of alarm metrics across the site. Eliminate duplicated training efforts for platform-specific solutions and easily transfer skills to other areas of the organization.

- **Create Custom Reports and Dashboards –** In addition to the out-the-box reports included in AgileOps Performance Analytics, users have the ability to create custom dashboards and reports and publish reports on demand, scheduled or triggered by an event.

- **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.
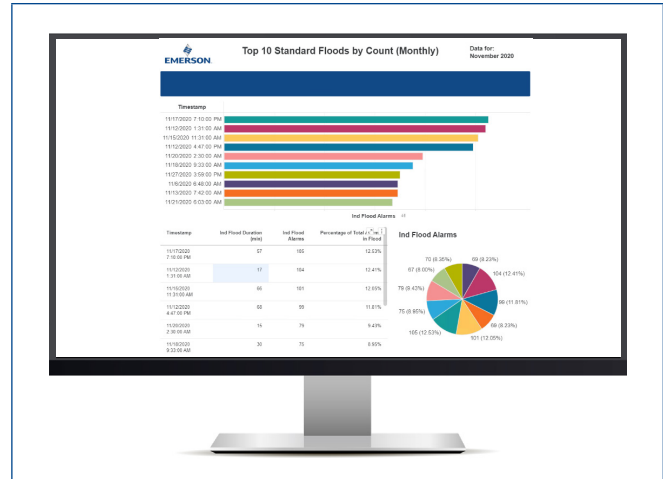
Product Description

DeltaV AgileOps Performance Analytics allows the calculation and reporting of key performance indicators on alarms and events occurring in your facility. AgileOps works specifically to create metrics automatically for operator actions and alarm events. The analysis is based on alarm and event data collected from the control system. AgileOps allows the ability to incorporate data into enterprise reporting, dashboards and scorecards, ad hoc query, OLAP analysis, advanced analysis, data mining, alerting and report delivery. The web-based, HTML5 dashboards provide a modern, responsive design to the Performance Analytics interface.

Standard out-of-the-box reports in AgileOps Performance Analytics include alarm annunciations, alarm priority and type distribution, alarm shelving, alarm suppresion, alarm floods, chattering alarms, fleeting alarms, acknowledgement time for alarms and operator actions. With the incorporation of AgileOps Database, additional reports automatically include rationalization status and audit reports. Standard Performance Analytics reports also integrate reporting from AgileOps Safety Integrity and Operational Limits.

In addition to the embedded Business Intelligence engine, AgileOps can be simply integrated with other Business Intelligence (BI) systems such as Office, PowerBI, Tableau, Qlick, etc. with pre-built connectors. Report data is also available via secured REST API access to safely egress to other systems.

With AgileOps' event archive capability, users can easily configure event expiration and archive settings. AgileOps will retain both the raw event record from the control system or HMI and the correlated generic records that allow for easy interpretation and cross-referencing across multiple control systems. AgileOps normalizes the control system event stream across different control systems so that events can be easily interpreted the same way. This allows the comparison of metrics and events for different control systems to be analyzed in AgileOps or enterprise-level BI.

AgileOps Performance Analytics offers two types of users. Analyst users have the ability to view, edit, create ad-hoc reports, analyze data, generate new reports and publish them to all users. Reporter users can view reports, trigger reports to be run automatically and emailed to them if certain criteria are met or on a preset schedule.

AgileOps Top 10 Standard Alarm Floods Report.

AgileOps Operator Actions Report.

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)

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
- Ovation

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