

DynAMo® Alarm Management Metrics & Reporting

Product Information Note

Vendor independent software: Connects to any DCS/SCADA/PLC system.

Honeywell's DynAMo® Alarm Management Metrics & Reporting software helps optimize alarm system performance at any site, regardless of size, improving plant safety, availability and compliance across an organizations entire enterprise.

DynAMo Metrics & Reporting, part of the DynAMo Alarm Management Suite, ensures alarm system performance and regulatory compliance. It seamlessly collects and stores alarm and event data from multiple data sources, and automatically generates web-based, standards-compliant (EEMUA 191, ISA 18.2, IEC 62682 and more) key performance indicator (KPI) reports that give an accurate snapshot of a site's current alarm system performance.

DynAMo Metrics & Reporting enables quick identification of existing and emerging problem areas whilst prioritizing activities to improve both alarm system and operational performance.

Proven Benefits

DynAMo Metrics & Reporting is designed to help companies achieve the highest possible return on investment from their production assets. It helps achieve and sustain safe, reliable plant operation by empowering operators with the information they need to take effective action when confronted with abnormal situations.

DynAMo's key benefits include

- Identifies and eliminates nuisance & redundant alarms
- Standards, regulatory and insurance compliance
- Improved operational awareness/incident avoidance
- Fast and thorough incident reviews
- Improved analysis, management and monitoring of alarm systems
- Increased plant uptime and safety



DynAMo Metrics and Reporting for complete situational awareness both inside and outside of the control room. From desktop to cloud.

Key Capabilities

DynAMo Metrics & Reporting will help achieve an alarm management model that improves operational performance while meeting regulatory compliance and safety standards. Its key capabilities include the following:

- Control system independent, connects to any DCS, SCADA, PLC, etc.
- Customizable, role-based dashboard allows operators, engineers and managers to view the health of their alarm system at a glance
- Dashboard is mobile device compatible for viewing alarm metrics anytime, anywhere
- Live viewing, filtering and analysis (multiple standard reports) over web (thin client)
- Customized report scheduling and ad hoc queries

Components of DynAMo Metrics & Reporting

DynAMo software components consist of the following: Collector, Archiver, Analyzer, and Viewer.

These components provide the following features.

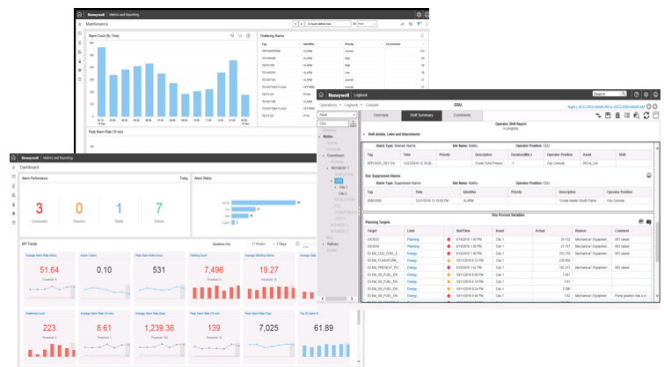
- Identifies alarm type, time, description, value, etc. from an event
- Reads alarm and event messages from a multitude of connections methods – Serial, File, OPC A&E, ODBC, etc.
- Collects data even when computers are logged out or restarted
- Helps to view predefined reports, perform sequential queries and statistical manipulation on the data in web-based interactive reports
- Supports an enterprise architecture – with local sites reporting to a centralized corporate/regional server.

Web-Based Reports

DynAMo Metrics & Reporting provides interactive web reports to report easily and effortlessly on the health of your alarm system. These range from simple tag based information to more advanced, aggregated KPIs for a unit, site or enterprise installation.

Reports included, but not limited to:

- Standing, Stale, Shelved and Suppressed
- Most Frequent Alarms
- Most Frequent Interventions
- Chattering and Fleeting Alarms
- Consequential and Flood Analysis
- Risk Assessment Analytics



Identify problem areas and drive improvement with built in benchmarking, reports and advanced analytics

Innovative SMART Reporting

Smart Reports change the way you analyze alarm problems. Smart Reports bring together key analysis components into a centralized group of reports. This prevents users from having to run multiple separate reports to find the root cause of a problem: simply drop any standard reporting 'widget' onto the DynAMo Report Layout Manager and it will automatically connect to any other reporting widget on the same template, and seamlessly share its data and interact.

Smart reports allow even the most inexperienced alarm management users to quickly identify and solve plant issues in a fraction of the time it would normally take.

Support Services

This product comes with worldwide, premium support services through our Benefits Guardianship Program (BGP). BGP is designed to help our customers improve and extend the usage of their software applications and the benefits they deliver, ultimately maintaining and safeguarding their software investment.



For More Information

Learn more about Honeywell's DynAMo solutions, visit honeywellprocess.com or contact your Honeywell Account Manager, Distributor or System Integrator.

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