

Product Information Note

DynAMo® Alarm Management Metrics & Reporting



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

DynAMo® Metrics & Reporting

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 62686 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
- Helps to monitor operator workload
- Increased plant uptime and safety
- Increased operator effectiveness by reducing the number of alarms and thus requiring operator intervention.

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



DynAMo dashboard is mobile device compatible for total situational awareness.

Components of DynAMo Metrics & Reporting

DynAMo software components consist of the following: Rules Builder, Collector, Archiver, Analyser, 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 even enterprise installation.

Reports included, but not limited to:

- Standing Alarm Report – draw attention to long standing alarms that need to be closed
- Most Frequent Alarms – within seconds see top bad actors
- Most Frequent Interventions – quickly see which tags/areas are requiring your operators' attention
- Chattering Alarms - see which alarms are continuously going in and out of alarm
- Symptomatic analysis – find parent-child relationship with between alarms to help remove redundancy
- Alarm Performance Dashboard – see how your KPIs, such as

For More Information

To learn more about how Honeywell's DynAMo Alarm Suite can optimize your alarm system performance and improve plant safety, visit our website www.honeywellprocess.com/software or contact your Honeywell account manager.

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average alarm rate, are performing vs. industry standards or custom set limits

- TreeMapping – see which units/areas of your site need attention the most.



Identify problem areas and compare against industry standards

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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.