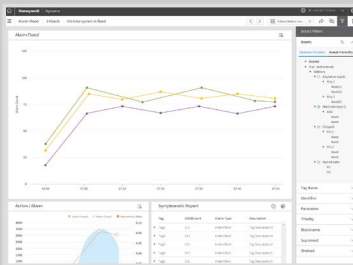
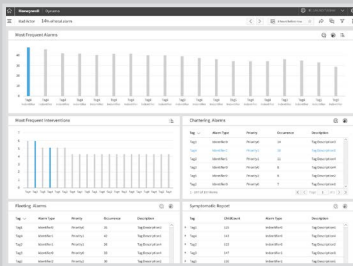


DynAMO Alarm Management

Turning Noise into Knowledge through effective Alarm Management

FEATURES & BENEFITS

- Benchmarks against all known industry standards and alarm management best practices
- Quickly identifies existing alarm system problems, and highlights areas for continual and sustainable improvement
- Enables pro-active alarm management, empowering operators to make safer, more timely decisions



DynAMo[®] Alarm Management Solutions

Industry's #1 Choice for Alarm Management

With the process industry's most extensive engineering and consultancy experience, along with the world's largest alarm management installed base, Honeywell can guide you through the complete alarm management lifecycle from start to finish. From the multi-award winning DynAMo Alarm Suite, to our best in class services portfolio, providing you with the right tools and the right services to completely develop, execute, and manage your alarm management strategy.

Our DynAMo solution connects to any control or supervisory system and presents information through a single, fully integrated portal, empowering you and your operators to make the right decisions at the right time.

Our experts are fully versed in each of the global alarm management standards and best practices including, EEMUA, ISA, IEC, API and the ASM, ensuring full alignment and compliance with all industry regulations and insurance auditing requirements.

DynAMo Alarm Management addresses every part of today's modern alarm management lifecycle requirements, from the analysis, compliance and KPI reporting of DynAMo Metrics & Reporting; the Master Alarm Database, Alarm Response Manual and Alarm Rationalization tools of DynAMo Documentation & Enforcement; to the predictive and smart alerting capabilities built into DynAMo Alerts & Notifications to deliver true pro-active alarm management.

DynAMo Alarm Management is the only solution your organization will need when it comes to effective alarm management - fully scalable, mobile compatible for complete situational awareness, and enterprise ready, it ensures compliance, optimization and improvement whether you have 1 local plant or 500 global plants.

DynAMo ALARM MANAGEMENT: METRICS & REPORTING

DynAMo Metrics & Reporting enables quick identification of existing and emerging problem areas, benchmarking against industry standards with prioritization of activities to improve alarm and operational performance. It provides analysis and reporting of key performance indicators from a single fully integrated portal. Its customizable, role-based dashboard allows operators, engineers and managers to view the health of their alarm system at a glance, anytime, from anywhere.

DynAMo Metrics & Reporting allows you to:

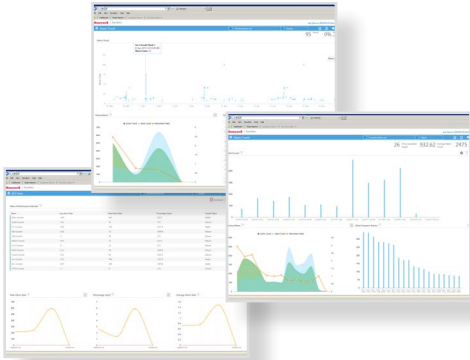
Seamlessly collect and store your alarm and event data from any data source and automatically generate web-based, standards-compliant key performance indicator reports that give you an accurate snapshot of current alarm system performance at your site:

- Identify problem areas and those at greatest risk from non-compliance
- Compare performance against industry standards and other assets in your enterprise
- Quickly identify the fastest changes to your automation system to yield the greatest returns on investment

DynAMo ALARM MANAGEMENT: DOCUMENTATION & ENFORCEMENT

DynAMo Documentation & Enforcement provides comprehensive alarm system documentation, ongoing enforcement of alarm limits, integrated alarm help with built-in DCS Operator Assistance, intuitive Change Management reporting, and convenient Alarm System Rationalization capabilities. It also supports mode and state based dynamic alarming on any DCS platform, out of the box.

Without software that keeps track of alarm limits, configuration, and rationalization of alarms, a plant or asset can deviate from its engineered/designed specification. This can result in more alarms, while safety issues can arise as alarms are disabled, shelved, or turned off without any tracking. This can lead to alarm floods, upset conditions or even catastrophic events if not correctly managed.



DynAMo Documentation & Enforcement allows you to:

- Monitor your control system for changes to the alarm configuration that may deviate from a designed engineered or safety plan
- Document complete alarm rationalization lifecycle efforts with integrated tools such as alarm philosophy and alarm priority assessment matrix, including automated, high availability DCS enforcement capabilities
- Integrated Operator Assistance delivering causes, consequences and corrective actions specific to each alarm and its current operating mode ensuring operators make the right decision in the right time frame from a single location

DynAMo ALERTS & NOTIFICATIONS

DynAMo Alerts & Notifications effectively reduces the load on an operator by automatically monitoring process conditions and providing automated early notification of events. It notifies operators of user-defined, time-sensitive and process value-based conditions. Automatic notification helps prevent abnormal events and makes certain that required tasks are not forgotten.

DynAMo Alerts & Notifications adds to Honeywell's vision of total situation awareness. Its Smart Alerts help operators predict abnormal process situations before the alarms are generated allowing operators to pro-actively manage the plant, rather than the traditional mode of running to the alarm limits. Alerts can be sent via email, pagers, and directly pushed to iOS compatible mobile devices. As well as being compatible with any DCS DynAMo Alerts & Notifications seamlessly embeds into the native Experion operator console allowing the operator full visibility of alerts as well as alarms from the DCS workstation.



DynAMo Alerts & Notifications allows you to:

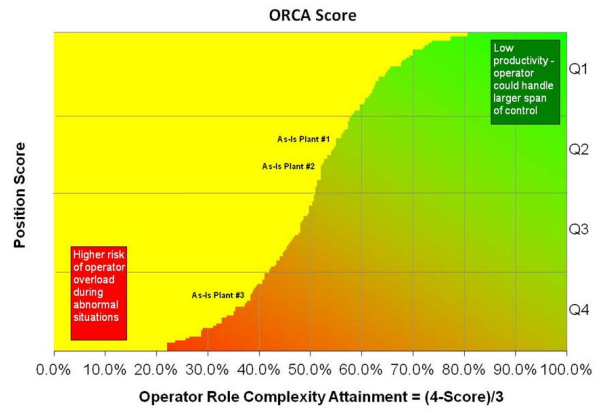
- Detect abnormal situations early, before problems go critical
- Notify operators of user-defined, time-based and process-value-based conditions
- Decrease alarm floods
- Improve operator effectiveness

After the first 24 hours of operation, DynAMo had already shown us that a bare handful of points were causing the large majority of the 5000+ alarms we got that day

Daniel Stevenson, Control
Application, Support
M&G Poly

BEST IN CLASS SERVICES PORTFOLIO

To complement your alarm management strategy Honeywell offer a complete advanced services portfolio. Aligned with EEMUA and ISA best practices these services ensure a solid foundation layer to build your alarm management improvement process on. From alarm performance benchmarking and philosophy documents, to our unique Operator Role Complexity Analysis (ORCA) reports; detailed improvement plans to full scope alarm rationalization and training.



DynAMo ALARM AND OPERATIONS MANAGEMENT

DynAMo Alarm Management is part of the DynAMo Alarm & Operations Management family of products. DynAMo Alarm Management is a completely independent, off the shelf alarm management solution designed to not only report on the current state of your alarm system, but to actively drive alarm system improvement across your organizations entire enterprise. However, DynAMo Alarm Management can easily be extended to DynAMo Alarm & Operations Management. DynAMo Operations Management includes a fully integrated 'smart' electronic logbook and operations monitoring solutions designed to deliver informed decisions and operational compliance through safe and profitable operating windows. Combining this with DynAMo Alarm Management gives your organization one platform, one interface, one fully scalable solution - the only solution for complete Alarm and Operations Management.

Next Generation Smart Reporting

DynAMo is Honeywell's next generation Alarm Management solution containing ground breaking 'Smart Reporting' and 'Smart Analysis' components. Every out-of-box report in DynAMo can be fully configured using our customizable and role based templates. But these are no ordinary standard reports and templates.

With DynAMo you can create and place numerous reports on a new, combined single role based report view. In this mode, all reports on the screen become automatically aware of each other and link together, seamlessly sharing data and content automatically. This means that when you analyze the details on one report, the others on the page automatically update, synchronizing content without any additional user intervention.

What does this mean?

Productivity and root cause analysis increase ten fold. No more report switching, no more need to have multiple individual reports open at the same time. Smart Reports transform the way you view and analyze alarm and event data, leveraging our new integrated platform to deliver better speed, information and knowledge, to not only identify your alarm problems, but to solve them once and for all.

DYNAMO SMART REPORTS, MAKING ALARM MANAGEMENT EXPERTS FROM ANYONE.

For More Information

To learn more about how Honeywell's DynAMo Alarm Management can turn noise in to knowledge, visit our website www.hwl.co/dynamo or contact your Honeywell account manager.

Honeywell Process Solutions
Honeywell
1250 West Sam Houston Parkway South
Houston, TX 77042

Honeywell House, Arlington Business Park
Bracknell, Berkshire, England RG12 1EB UK

Shanghai City Centre, 100 zunyi Road
Shanghai, China 200051

www.honeywellprocess.com

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