DynAMo Operations Management

Driving informed decisions and operational compliance
through safe and profitable operating windows

- **KNOWS** your plants limits, and ensures you operate within those limits all of the time
- **MONITORS** the process and proactively alerts when deviations from limits are detected
- **SECURES** shift handovers ensuring critical data including alarms, limits, deviations, process data and more are documented and transferred between shifts

DynAMo® Operations Management Solutions

Honeywell's Operations Management solutions help plants proactively monitor, document and operate their processes, ensuring they stay within safe and profitable operating windows at all times. With tools designed to manage and control critical limits, shift handovers, and process deviations, DynAMo Operations Management boosts reliability, safety and efficiency with a comprehensive solution developed from the ground up to manage plant operations in line with today's operating best practices, ensuring the integrity of your plants operations remain in-tact at all times.

Connecting to any plant data source and integrating tightly with Honeywell's DynAMo Alarm Suite, DynAMo Operations Management delivers a comprehensive set of tools to ensure better plant safety, availability and compliance, across you entire enterprise, from operators and planners, to shift supervisors and plant managers - one platform, one interface, one solution for all Operations Management problems.

THE OTHER HALF OF THE EQUATION

Research from the ASM® Consortium and others clearly show that operating outside defined limits contributes to abnormal situations and equipment failures by as much as 76%, contributing to a $20 billion annual cost of unplanned downtime. Master alarm databases detailing constraints are often unavailable to operators who need them, and alarm management solutions rarely capture limits or boundaries associated with operating plans. Shift handovers meanwhile, can fail to pass on information critical to the smooth and safe running of the operation.

DynAMo Operations Management enhances your alarm management systems to enable operators to prevent the causes of process upsets. Keeping the processes in the optimal operating zone reduces stresses on critical equipment that leads to premature failures and unplanned downtime. Seamless shift handovers and securely captured observations also ensure consistent, continual operations across shifts.

As a standalone solution or integrated with DynAMo Alarm Management, it helps get the operation where you want it to be and keeps it running safely and efficiently at all times.
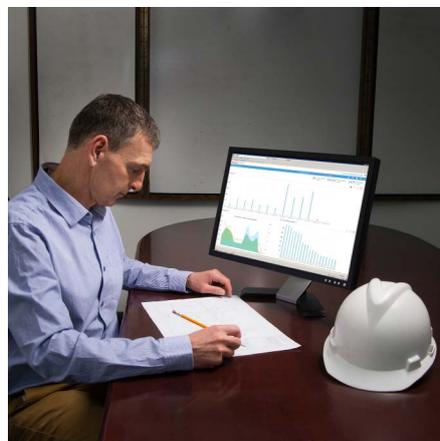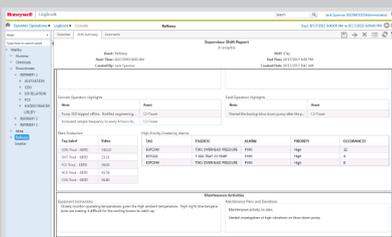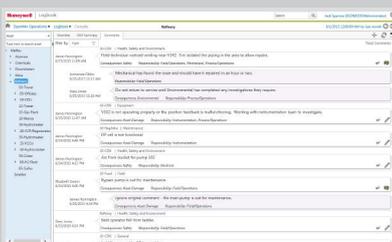
A TWO-PRONGED APPROACH

DynAMo Operations Suite includes two key solutions to help you optimize operations and eliminate errors and risks:

- Operations Monitoring for comprehensive limit management, across your entire organization. From planning and scheduling limits, to equipment, maintenance, safety and alarm limits. All managed from one location.

- Operations Logbook. An advanced electronic logbook which automates much of an operators daily shift log processes. Importing process data, alarm information, critical limit deviations, safety bypasses and standing alarms, all without operator intervention, securing the shift handover process in-line with operating best practices.

DynAMo Operations Management solutions are vendor neutral meaning they can be used along side any existing system in your organization.

DynAMo OPERATIONS MONITORING

DynAMo Operations Monitoring gives module users across the organization access to a database of all limits, boundaries and constraints, as well as tools to monitor the process and raise alerts for limits not associated with the alarm system.

All limits are stored and synchronized through a central Limit Repository that can draw limits from any part of your business – whether planning limits, environmental limits, safety limits or equipment limits. Visualization tools and an intuitive user interface provide an at-a-glance view of the operation in relation to operating envelopes, as well as links to documentation and advice detailing corrective actions.

Monitoring thousands of process values, DynAMo Operations Monitoring notifies users of any deviations from repository limits to promote fast responses. It also captures operators' records detailing reasons for deviations, actions taken, and suggestions for addressing similar deviations in future use: valuable information for continual improvement programs, incident investigations, and alarm system reviews.

Capturing experienced operators' knowledge and guiding less-experienced users though an accessible web-based user interface, DynAMo Operations Monitoring ultimately helps boost equipment reliability, minimize maintenance costs, and protect product quality and safety, maintaining your plants operational integrity.

DynAMo OPERATIONS LOGBOOK

As simple as paper, but as powerful as you need, DynAMo Operations Logbook consolidates all the information required for a consistent, up-to-date view of key process data, problems, operating plans and shift logs.

ASM Consortium research shows effective shift handovers are essential to avoiding misunderstanding and errors that can result in inefficiencies or accidents, especially in plants with complex operations. DynAMo Operations Logbook addresses the limits of paper-based shift logs, which are restrictive in the information they can capture and can't be easily shared with all those that need them, as well as custom databases and email solutions that are too often unreliable and difficult to maintain.

Offering an automated, standardized solution, DynAMo Operations Logbook captures and aggregates data from across the plant and makes it available through a web-based user interface. Securely recording notes and comments during the shift, it also compiles configurable, searchable shift summary reports.

Templates ensure all essential information is recorded, such as standing alarms, safety inhibits and bypasses. Unique handover tools ensure a structured, secure shift handover. DynAMo Operations Logbook eliminates errors, reduces upsets and rework, lowers operating costs and increases safety, compliance and availability of your asset.

DynAMo Operations Monitoring changes the way companies do business. It forces plants to understand where their operating limits are and to ensure they stay within those limits at all time for safer, more profitable operations

WHY HONEYWELL?

We bring to bear the process industry's most extensive engineering and consultancy experience, with the ability to guide you through the complete operations management lifecycle. Leading edge software is combined with a best in class services portfolio to give you the right tools and services to develop, execute, and manage your operations management strategy.

Built on decades of automation experience and expertise in enterprise-wide information management, DynAMo Operations Suite also comes with worldwide, premium support services through our Benefits Guardianship Program (BGP). Helping improve and extend the benefits applications deliver, inclusive BGP is another way you can be sure your investment in DynAMo software is safeguarded.

DynAMo ALARM AND OPERATIONS MANAGEMENT

DynAMo Operations Suite is part of the award winning DynAMo Alarm & Operations Management family of products: completely independent, off-the-shelf, scalable, mobile ready solutions for improvements across your entire enterprise.

DynAMo Operations Suite seamlessly integrates with DynAMo Alarm Suite to create a single unified solution for all alarm and operations management needs. Synergies between the products in these suites drive faster, more efficient production: the DynAMo Alarm Suite can automatically populate shift-summary reports with data such as standing and stale alarms, safety inhibits and bypasses; performance against planning or operating targets and deviations is also automatically recorded; alarm limits are automatically integrated into DynAMo Operations Monitoring for a complete view of the best operating zone.

Users gain a consistent, familiar interface, with all relevant information automatically exchanged between programs to support safer, better work processes that keep your plant running safely, reliably and profitably.

DynAMo OPERATIONS MANAGEMENT - BRINGING BEST PRACTICE TO YOUR OPERATIONS

For More Information

To learn more about how Honeywell's DynAMo Operations Management solution can transform your business, visit our website www.hwll.co/dynamo or contact your Honeywell account manager.

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