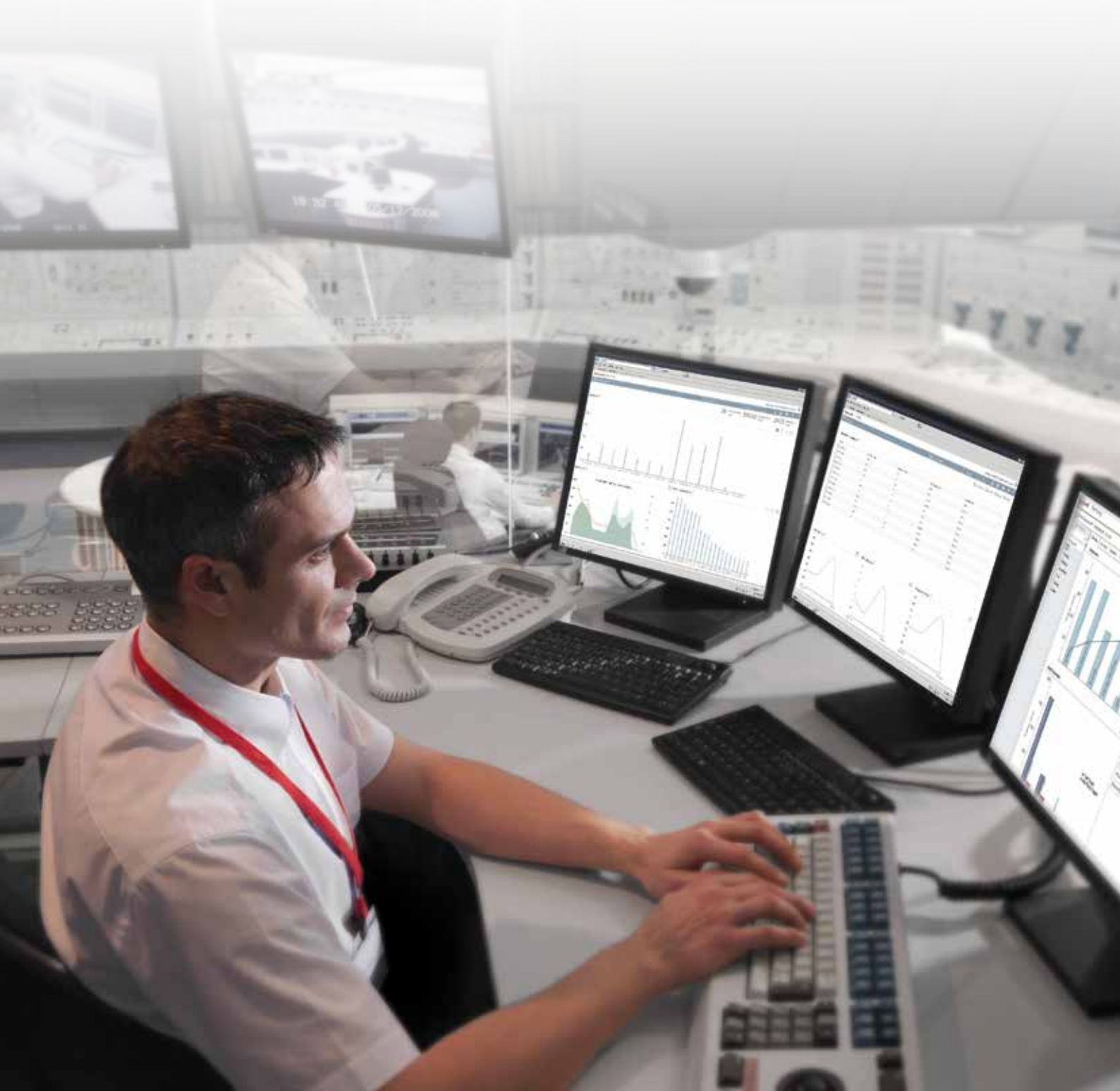


Honeywell | Connected Plant

DYNAMO[®] ALARM & OPERATIONS MANAGEMENT

Delivering Operations Integrity Through Better Plant Safety,
Availability and Compliance Across your Entire Enterprise.



DynAMo Alarm & Operations Management

Honeywell's award winning DynAMo solutions offer a powerful portfolio of software for alarm and operations management.



Safety

- Reduce alarm noise and floods
- Manage critical limits
- Secure shift handovers

Efficiency

- Keep to operating plans
- Increase and sustain throughputs
- Safeguard quality

Availability

- Manage integrity operating windows
- Reduce stress and wear on equipment

Compliance

- Automate alarm reporting
- Meet API, EEMUA, ISA and IEC requirements
- Satisfy insurers' underwriting requirements

Easy-to-use, standalone, off the shelf tools designed from the ground up to drive system improvement across an organization's entire enterprise. Improving alarm monitoring and reporting, analysis and rationalization, whilst driving improved safety and production integrity through critical limit management, situational awareness and operational best practices. Standalone, DynAMo Alarm Suite and DynAMo Operations Suite are industry's recognized #1 offerings, whether you're looking to turn noise into knowledge through effective alarm management, or looking to drive informed decisions and operational compliance through safe and profitable operating windows, DynAMo's proactive tools make this possible.

Combine the two suites however, and they offer a unique and ground-breaking revolution moving traditional reactive alarm management practices to next generation proactive alarm and operations management, through a platform that offers one interface, one unified platform, one solution to all your alarm and operations management needs.

Proactive Evolution

Industry-leading organizations want to empower operators not only to prevent incidents but drive value through better control of safe operating limits, production envelopes, and integrity operating windows. Moving from reactive responses to proactive management of the process, operators can minimize equipment failures, maximize efficiencies and prevent abnormal situations before they occur.

Vendor neutral, DynAMo Alarm and Operations solutions work with any control system, whether DCS, SCADA or PLC. Fully scalable to all the sites in your enterprise you can opt to install modules individually or choose a comprehensive unified solution from the outset.

Situational awareness, with Honeywell Pulse™ Mobility platform every critical alarm, limit deviation, abnormal situation is made available to smart phones and tablets, not only for greater awareness of events to outside of the control room, but to drive true collaboration throughout your enterprise, at any level of your organization, getting the right information to the right people all of the time.

Keeping you compliant, DynAMo fully aligns with all major global standards for alarm management and integrity operating windows including API RP 584, API RP 1167, EEMUA 191, ISA 18.2 and IEC 62682.

Return on Investment

With more than 2500 installations in over 750 sites worldwide, DynAMo commands the world's largest alarm and operations management installed base, offering a wide range of field-proven benefits for a fast return on investment:

- Up to 80% reduction on nuisance alarms
- Increased throughput and closer adherence to operational objectives
- 60% quicker recovery from abnormal situations
- Dramatic reductions of operating incidents
- Reduced unplanned downtime
- Improved equipment reliability and lower maintenance costs





Modular Scalability or a Comprehensive Solution

DynAMo software integrates with your existing systems and around your existing applications to provide the functionality and tools you need for more effective operations.

Distinct modules featuring visualization, analysis and reporting tools deliver award-winning alarm management (Control Magazine Readers' Choice Awards and Engineers' Choice Awards); advanced and intuitive operations management; and a powerful electronic logbook.

Use each module as standalone product or combine them for enhanced benefits and even greater efficiencies with a single, comprehensive and consistent solution.

DynAMo Alarm Suite

Metrics & Reporting

Capture, benchmark, analyze and report with DynAMo Metrics & Reporting. DynAMo collects and stores alarm and event data from any data source and automatically generates web-based, standards-compliant key performance indicator reports.

Color-coded risk assessments and customizable, role-based dashboards mean operators, engineers and managers can identify and prioritize problems at a glance. Trends, filtering and a single view for process and alarm data help drive continual improvement.

Documentation & Enforcement

DynAMo brings central control to documentation and limits for better enforcement, rationalization and change management of the alarm system with inclusive functionality of a master alarm database, alarm response manual, auditable alarm setting change Management, class leading mode and state-based alarm system enforcement.

Documentation & Enforcement ensures your alarm database is well managed for safer, reliable operations, throughout every step of your alarm system improvement program.

Alerts & Notifications

Monitoring process conditions and providing early automatic 'smart' notifications of events, DynAMo prevents abnormal situations developing, while easing pressure on operators. Integrating closely with the alarm system, the module alerts operators of user-defined process conditions for improved situational awareness that doesn't add to the alarm noise.

DynAMo Operations Suite

Operations Monitoring

Detect deviations from the operating plan and other operating limits quickly to maximize throughput, and keep the process safe and profitable. Provides fully documented workflows for any critical event, as well as any limit in your organization, not just alarms, from environmental to production, to equipment and planning. Adding the optional operator instructions module also allows your planning, scheduling and optimizing teams to quickly communicate the most up-to-date production plans and instructions to your operators, and to ensure they are executed to plan.

Operations Logbook

As simple as paper, as sophisticated as you need, Operations Logbook captures shift comments and generates tailored end-of-shift summary reports—automatically, ensuring effective shift handovers and minimized documentation errors or critical situation oversights. Operations Logbook can automatically import data into customized shift logs from your alarm management solution, operations monitoring solution, historian, or any third-party database.

DynAMo Alarm & Operations Management transformed our operations in the same way our ERP system transformed our business processes.

A Single, Unified System

DynAMo's software suite seamlessly integrates to create a single solution for all alarm and operations management needs. Capturing comments, observations, alarms and alerts, the solutions share experienced operator knowledge and essential process information throughout the organization.

Synergies between products drive faster, more efficient production. Alarm management solutions automatically populate shift-summary reports with standing alarms, indicating stale alarms, safety inhibits and bypasses; performance against planning or operating targets and deviations is also automatically recorded; relevant comments in the logbook and alarm limits are automatically integrated into the operations monitoring application.

Users gain a consistent, familiar interface, with all relevant information automatically exchanged between programs to move to a safer, better process.



Choose Honeywell for Technology and Expert Software, Services and Support

Honeywell offers the process industry's most extensive engineering and consultancy experience. We can guide you through the complete operations management lifecycle. DynAMo's leading-edge software applications, deployed individually or as comprehensive solution, are combined with a best-in-class services portfolio. We'll ensure you will get the right tools and services to develop, execute, and manage your operations and alarm management strategy.

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

And remember, Honeywell is the only DCS automation vendor to provide a true vendor neutral alarm and operations management portfolio, meaning we can drive all the benefits to all the control systems out there today, as well of course delivering unique integration, only Honeywell can supply, to our world class Experion® platform.

For more information

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

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BR-15-34-ENG | 02/17
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