



HONEYWELL FORGE ALARM MANAGEMENT | REPORTING

PRODUCT INFORMATION NOTE

| Turning Noise into Knowledge

SOLUTIONS

Global standards and best practices make alarm management a 'must' have, not a 'nice' to have. Besides driven by regulatory and insurance compliance, process industries require their operators to be able to focus on the right alarms to avoid incidents and therefore require a tool that can continuously measure alarm performance, help to diagnose root causes and investigate incidents. Honeywell Forge Alarm Management represents the evolution of the award winning and industry acknowledged Alarm Management software, previously marketed with the DynAMo® brand name. With a legacy of over 20 years and a 1000 + install base, DynAMo® has been a world leader in delivering alarm management solutions to leading companies across verticals and especially in oil and gas, refining, chemical and mining industry. Honeywell Forge Alarm Management endeavors to transcend alarm management software to the next level of innovation by embracing IIoT technologies to provide enterprise scale, cloud enablement, analytical insights and reduced TCO.

Honeywell Forge Alarm Management - Reporting 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.

Honeywell Forge Alarm Management - Reporting enables quick identification of existing and emerging problem areas whilst prioritizing activities to improve both alarm system and operational performance.

Proven Benefits

Honeywell Forge Alarm Management - 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.



Honeywell Forge Alarm Management Reporting enables quick identification of existing and emerging alarm performance Issues, benchmarking against industry standards with prioritization of activities to improve alarm and operational performance.

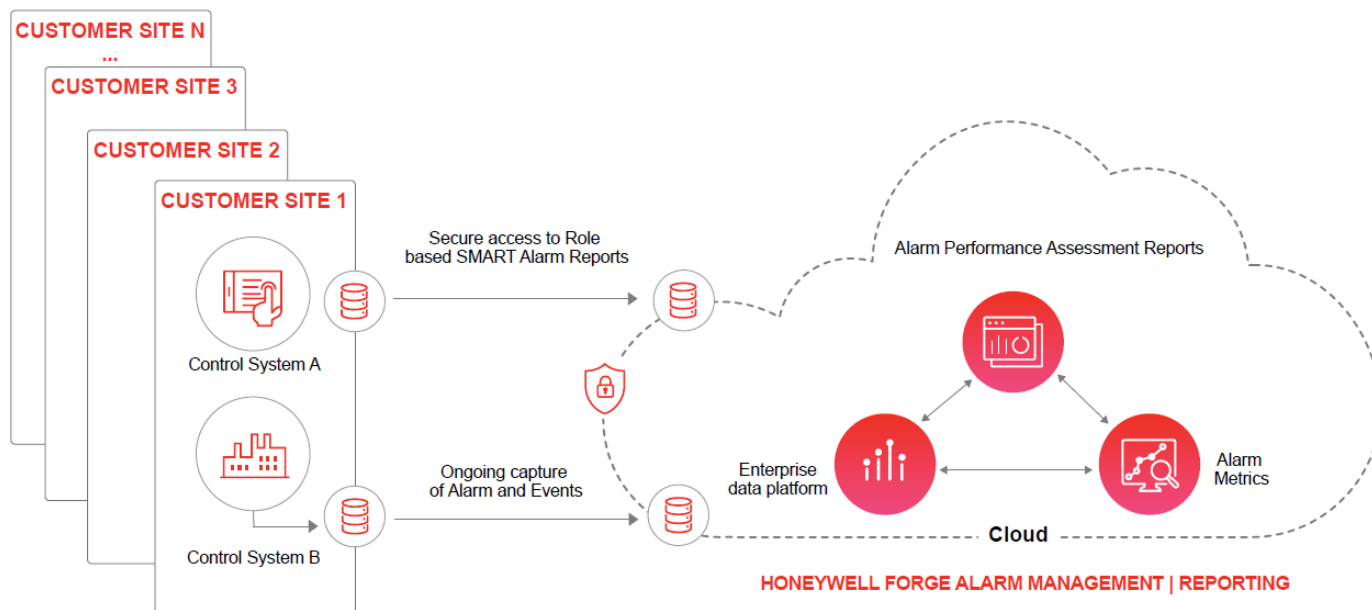
- *Out of the box compliance to all global standards - ISA 18.2, EEMUA 191, IEC6282*
- *DCS Vendor neutral*
- *SMART Reporting Engine*
- *Fully web based interactive reports with Configurable Role based views*
- *100% Scalable architecture to suit Enterprise needs*
- *Flexible Deployment - Fully On-Premise Model as well as a complete managed SaaS Offering*
- *Fully Backward Compatible site collectors*

Key benefits include:

- Identifies and eliminates nuisance & redundant alarms by up to 80%.
- Improve Root cause analysis time by up to 60%
- Standards, regulatory and insurance compliance
- Improved operational awareness/incident avoidance
- Improved analysis, management and monitoring of alarm systems
- Increased plant uptime and safety

Software as a Service Offering

For customers aiming to minimize on-prem systems and consolidate alarm management systems across multiple sites, Honeywell Forge Alarm Management – Reporting is also offered as a cloud hosted solution and thereby providing the same proven alarm improvement benefits through Software as a Service (SaaS) offering.



With SaaS, the deployment approach requires edge connectors to be installed at customer sites that will securely transfer alarms and events to a cloud database for reporting and analysis purposes. Users will access the reporting application through the internet using certified user credentials. Access to the solution will be through a paid subscription on an annual basis.

SaaS Deployment model enables:

- Faster deployment times with reduced deployment complexity
- Remote access from any location by certified users
- Increased ease of Scalability – reduce complexity in enterprise deployment - connecting multiple sites into a centralized host
- Reduced hardware footprint on sites
- Reduced maintenance costs (resource and hardware)
- Pricing model flexibility – funded through OPEX

All these factors translate to a lower Total Cost of Ownership.

Key Capabilities

Honeywell Forge Alarm Management - 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 Honeywell Forge Alarm Management - Reporting

Honeywell Forge Alarm Management – Reporting software components consist of the following: Collector, Archiver, Analyzer, and Viewer.

These components provide the following features.

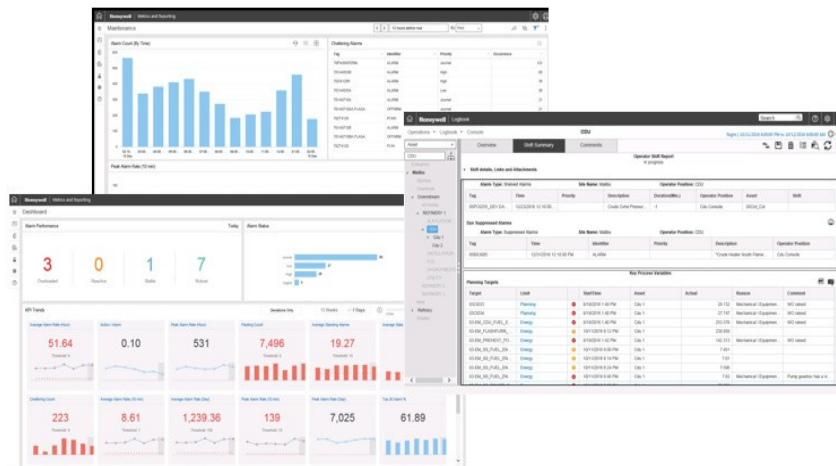
- Identifies alarm type, time, description, value, etc. from an event
- Reads alarm and event messages from a multitude of connections methods – Serial, File, OPC A&E, ODBC, etc.
- Collects data even when computers are logged out or restarted
- Helps to view predefined reports, perform sequential queries 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

Honeywell Forge Alarm Management – 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 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.



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For More Information

Learn more [Honeywell Forge Alarm Management](#) or contact your Honeywell Account Manager.

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