

Downtime Reporter

Honeywell



Advanced Solutions

Downtime Reporter

POWERED BY
MATRIKON

FEATURES & BENEFITS

- Diagnose root cause of reduced critical asset availability and utilization
- Improve production returns from existing infrastructure
- Identify process bottlenecks and improve production

We were very pleased with the value we received for our investment. Their personal attention and responsiveness have supported this long-term relationship.

John Versluys
Maintenance Strategy
Manager WEL Networks

Downtime Reporter

Downtime Reporter is Powered by Matrikon, which represents vendor neutrality. This product works with third-party control systems and applications.

Downtime Reporter gives you the ability to uncover hidden opportunities for productivity within your plant.

Unlock Hidden Plant Capacity

Increase plant output through improvements in efficiency and performance rather than capital investment.

Reduce Unplanned Maintenance

Target strategies that eliminate the root cause of failures. Identify trends in downtime and determine the root cause of unplanned maintenance.

Improve Overall Equipment Effectiveness (OEE)

OEE provides an ongoing comparative measure of assets performance by combining availability, rate and quality. This aids in identifying assets that are underperforming.

REASONS TO REDUCE UNPLANNED DOWNTIME

Accurate, reliable and timely downtime information can be used to identify areas of missed opportunity, improve critical asset availability and utilization, as well as:

- costly bottlenecks
- production shortfalls
- ineffective surge facilities

By adding operator coding, events capture situational information about the true cause of the downtime. These events become a system of record for not only location and duration, but also a measurable and traceable record of the problem, cause and event remedy.

Automatically captured events ensure an accurate and reliable representation of plant operations. Contextual information from operators provides information to make informed decisions and drive actions. Reporting on this data provides the ability to triage multiple failures and focus on the events which require the most attention.

Downtime Reporter helps drive a culture of continuous improvement and ensures that a heads up approach is taken to reducing unplanned downtime, and resolving causes of equipment and process failures.

A well-defined downtime reporting strategy improves plant performance, and drives profitability.

LEADING-EDGE TECHNOLOGY

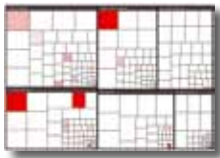
Use Downtime Reporter to automatically record and categorize plant downtime. Take advantage of a rich analysis environment that targets and eliminates the root cause of maintenance and production problems.

USE DOWNTIME REPORTER TO CAPTURE INFORMATION ABOUT YOUR KEY DOWNTIME PERFORMANCE INDICATORS



ADDITIONAL INFORMATION

Easily Identify Problem Areas with Treemapping



Patented Treemapping technology allows for interactive visualization and

analysis that identifies the relationship between downtime and their attributes that would normally go undetected.

Each downtime event is represented by a configurable colored box. Size and colour can represent various attributes such as downtime duration or cost. By applying groupings and filters to the displayed data set, the user can investigate and drill down into downtimes to find apparent weightings and relationships between the downtime types.

EAM/CMMS Integration



Integration with EAM/CMMS systems for work order requests, asset registries and failure codes ensures unplanned maintenance causes are corrected in a timely manner and limits the likelihood and potential impact of recurring events.

Work order requests generated from specific downtime events within

Downtime Reporter are available within the EAM/CMMS where the maintenance planner can assign resources and schedule work orders.

Accurate and Timely Information Configuration



Easily configure and automatically monitor, record and categorize plant downtime information, and eliminate the need for operators to manually record downtimes on paper-based log sheets.

Categorizations can be overwritten, corrected and monitored. All user changes to both downtime and configuration settings are logged for auditing purposes and system access is controlled and managed through Windows® security.

Intuitive, Custom Dashboards



User-centric dashboards provide a quick overview on your plants operational performance and efficiency KPIs. Dashboards can be customized and filtered for different date ranges and plant areas.

Root Cause Analysis Framework



A configurable Root Cause Analysis (RCA) framework provides the necessary workflow

and notifications to effectively record, quantify, plan and report investigations and resulting improvement strategies that target problems affecting plant performance.

RCA investigations can be initiated independently or from a downtime event. Key personnel are notified through email and SMS of resulting action plans and the summary views can be configured to show active investigations and assigned actions requiring attention. The effectiveness of action plans can also be monitored through continued downtime analysis system improvement.

Continuous Improvement

As your plant changes, so will your alarms and your alarm strategies. Continuous improvement is essential to maintaining an effective alarm strategy. Honeywell works with you to perform periodic assessments and audits to find where your alarm strategy can be enhanced.

THE BENEFITS OF REDUCING DOWNTIME

Downtime Reporter provides benefits across your entire organization. It provides a window on downtime trends and significant downtime events to improve asset performance through the elimination of the root cause of failures.

Benefits for Operations

- Web-based user interface integrates seamlessly into most plant control systems for easy access to data entry and reporting tools
- Event notification emails and SMS provide alert escalation process on critical downtime events

Benefits for the Maintenance

- Equipment reliability and performance KPIs such as MTTR, MTBF, availability and utilization provide ongoing scorecards for maintenance effectiveness in real time
- Improved safety through minimization of unplanned maintenance activities

Benefits for the Management

- Overall Equipment Effectiveness (OEE) KPI combines availability, performance and quality to provide a total asset performance indicator
- Traceability of both downtime and configuration changes through change logs
- Integrated Windows security model provides tiered role and user based access

Benefits Throughout the Enterprise

- Enterprise dashboard provides standardized KPIs and reports for all business units
- Deferment of capital expenditure for plant expansion by identifying hidden plant capacity
- Scalable architecture and extensible functionality ensures flexibility for changing plant requirements

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.



'Powered by Matrikon' symbolizes that this product/solution is system and application independent.

For More Information

For more information about Downtime Reporter, visit our website www.honeywell.com/ps or contact your Honeywell account manager.

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The Honeywell logo consists of the word "Honeywell" in a bold, red, sans-serif font.