



A Yokogawa Company

OGM

OPERATING GOALS MANAGER SOFTWARE APPLICATION

TECHNICAL DATASHEET

Apply company knowledge to manage operational compliance and critical tasks.

Customers want to ensure that their assets are always operated according to their company's best practices, based on years of experience. But with aging operations and engineering staff often being replaced by a younger, less experienced workforce, it can become more and more difficult to ensure that their company's best practices are being followed.

OGM (Operating Goals Manager) is an application delivered through a SaaS (Software-as-a-Service) model that allows companies to capture electronic asset specific knowledge, expertise and best practices and associated to targets, operating envelopes, work instruction and/or tasks to be completed. These are defined within OGM as indicators.

These indicators are monitored over user-defined time periods (shift, daily, weekly, monthly, etc.) and all have criteria which, if not met, are an indication of an undesirable or out-of-normal (OON) situation. If OON situations exhibit certain characteristics, such as a persistence over a significant amount of time, a Non-Conformance (NC) is declared.

NCs are reported to the organization, and the organization is held accountable for addressing issues and implementing the corrective actions. To assist the accountable role to address NCs, each indicator is configured with company knowledge, such as the reasons for its existence and associated limits, consequences for not addressing an excursion in a timely fashion, recommended actions to address an excursion as well as stored company procedures and documents and captured commentary from an electronic logbook to aid in the delineation of information and resolution of NCs.

KPIs

- Process data
- Lab test results
- Calculated values
- Task statuses
- Manually entered data
- Degradation statuses
- Safety targets
- Planned values
- Operating limits
- Technical constraints
- Expected statuses
- Task completions

“OGM is an excellent way to help prevent small problems from becoming big ones. It is the real time leading indicator reporting tool that never sleeps.”

- Multinational Oil & Gas Company



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Benefits

- Multi-platform – works in a standard browser as well as tablets
- Improves safety and reduces risk of failures
- Reduces operating costs through reduction of non-conformance
- Saves manpower assigned to problem resolution
- Increases asset life via proactive respect of limits and maintenance tasks
- Institutionalizes expert knowledge
- Built-in knowledge base can store company procedures and documents and capture additional comments to aid in the delineation of information and resolution of non-conformances
- Significantly reduced Total Cost of Ownership

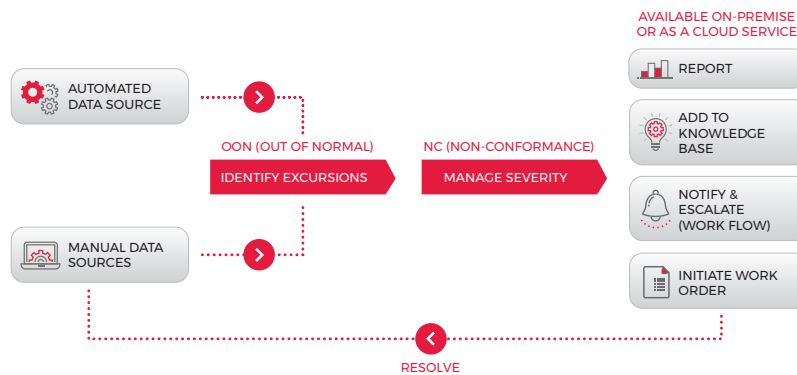
Why is the knowledge base important?

Over time, companies have learned how best to operate their assets. That knowledge typically resides within operational binders and/or experienced individuals. Binders easily become outdated and not readily available; people leave, retire or change roles taking their expertise with them. The OGM Knowledge Base centralizes company knowledge and captures additional expertise in real-time so it can be readily shared and accessed by others leading to a better-informed course of action when addressing an abnormal situation.

Unique features

- Scalability – proven at over 20,000 KPI's
- Role-based (users may belong to more than one role)
- Notification on severity of "Out of Normal"
- Embedded diagnostic tool for KPI's
- Maintains queryable KPI statistics database
- Masking to filter out inapplicable KPI's (e.g. shutdown)
- Comment management & integration with trends
- Context-sensitive knowledge base
- Standard reports
- Integrated task management (via hand-held devices)
- Synchronization of asset hierarchy with ERP system
- Native integration with PI System
- Audit trail

An important part of the service offering is the remote collection of data to feed OGM from the customer's various data sources within and outside of the enterprise. KBC has a wealth of experience connecting to and collecting data from almost any data source which has some type of sharing capability. Depending on the security stance of the source locations, KBC consults, implements and manages the secure connections to ensure a secured and reliable flow of data to the KBC private cloud PI Historians.



Find out more: For more information or to discuss how we can help you please contact us now.

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