onePM®

Asset Strategy Management

ARMS
RELIABILITY

ASM | Asset Strategy Management
Delivering Predictable Performance

A true asset strategy management program delivers predictable outcomes and avoids unexpected failures, outages, safety exposures and costs.

Poor reliability of equipment and processes can have sudden and disastrous effects on the ability of an organization to deliver operational or project objectives. Reliability problems can lead to unexpected downtime, poor quality product or service, missed operational targets, significant remedial costs, poor safety and a rise in incidents.

Managing reliability well seems elusive to most organizations who find it difficult to align maintenance plans to asset reliability. In many organizations there is a tendency to focus on maintenance execution, in the belief that plant reliability will improve. Optimum reliability strategies reduce failures, downtime and risk, and as a consequence, cost of operations are lower. Deploying the optimal strategy and monitoring performance provides the means to improve reliability across all assets, and to sustain the improved performance over time, and throughout periods of change.

The reality is that many organizations are executing inconsistent or sub optimal strategies, leading to variable results, continued under performance, and significant failures and outages.

Implementing an asset strategy management program removes the inconsistent outcomes from asset strategies, allows for any pockets of excellence to be deployed to all relevant assets, and drives continuous reliability improvement.

onePM®

Optimal strategies, on every asset, all the time.

OnePM® is an innovative asset strategy management solution that acts as the thread across all systems. It allows organizations to capture and review data from all sources and leverage learnings to enhance asset strategies, by identifying pockets of strategy excellence and deploying those strategies across the organization, wherever they are relevant.

DRIVE COMPLIANCE • LEVERAGE EXCELLENCE • IMPROVE PERFORMANCE

Benefits

Standardizing and leveraging good strategy

At the core of OnePM®, sits an asset strategy library which houses reliability based tactics. These asset strategies can be deployed rapidly and support regional or local variations to cater for different operational or environmental conditions. Strategy variation is visible organization wide via the reporting functionality, where all learnings drive continual improvement in the asset strategy library, which can be accessed and redeployed anywhere with a single click.

Achieve better benchmarking

Operation executives are held accountable for performance, but they don't have access to all of the data and knowledge they need in order to make accurate decisions. In numerous multi-site organizations, asset strategies are not standardized across all sites, adding to the confusion between data, strategies and outcomes. These factors make it difficult to benchmark and thus compare costs and performance of like equipment across the organization. OnePM® is a single repository that captures data from many sources and presents it in one place. OnePM® allows managers to set up benchmarks, develop and deploy the best strategies consistently, monitor KPIs and align strategies across their whole operation.

Gain control over execution

Asset Managers often have no control over the deployment and execution of the strategies they develop. OnePM® gives managers the ability to ensure that standardized procedures for strategies are deployed to all assets, at all sites, and to make certain that any modifications to procedures go through an approval process first. In addition, managers gain the ability to monitor the effectiveness of all strategies to identify system wide and specific enhancements that should be made.

Future-proofing

When changeover takes place among maintenance, reliability and project engineering personnel, quality and consistency issues can arise. OnePM® provides standardization over the long term regardless of personnel changes, because baseline strategies are deployed and monitored according to standards and quality assurance rules. To ensure strategies remain optimum over the asset life, the rationale for each strategy decision is stored in the database, and can be improved or changed as business needs change.

Rapid integration

Time is money. The sooner an asset strategy can be developed and deployed, the better. OnePM® was designed to do just that. It integrates with an organization's existing Enterprise Resource Planning (ERP) system for easy, efficient and rapid deployment.

OnePM®

ASSET STRATEGY LIBRARY

- Task descriptions
- Work instruction content
- Generic assets
- Generic components (equipment class/type)
- Variations (site specific)
- Packaging rules

MAINTENANCE TACTIC BUILD

- Task based
- Works seamlessly with Isograph's Availability Workbench™ (AWB)

RELIABILITY PERFORMANCE DASHBOARD

- Forecasts vs. actuals
- Reliability KPI's and metrics
- Reliability program management

MANAGE RCA & DEFECT ELIMINATION

Custom database to store any data.
- OEM data
- Equipment history
- Root cause analysis data and files
- Process reliability data

OnePM® Features

Create and Deploy Your Asset Strategies Faster

- Any changes to the library can flow through to all assets

- Cloning functionality for rapid duplication of maintenance plan master data to like assets, systems, and assemblies

- Single-click or bulk assignment of strategies and single-click deployment of global strategy updates

- Enables strategists and planners to bring all project files into one database

- Significantly reduces the man hours of redeploying, monitoring and refining strategies

- Rapid deployment of generic strategies to functional locations

Flexibility

- Adapts to any workflow

- Fully customizable database

- Store any type of data including OEM, equipment history and RCA

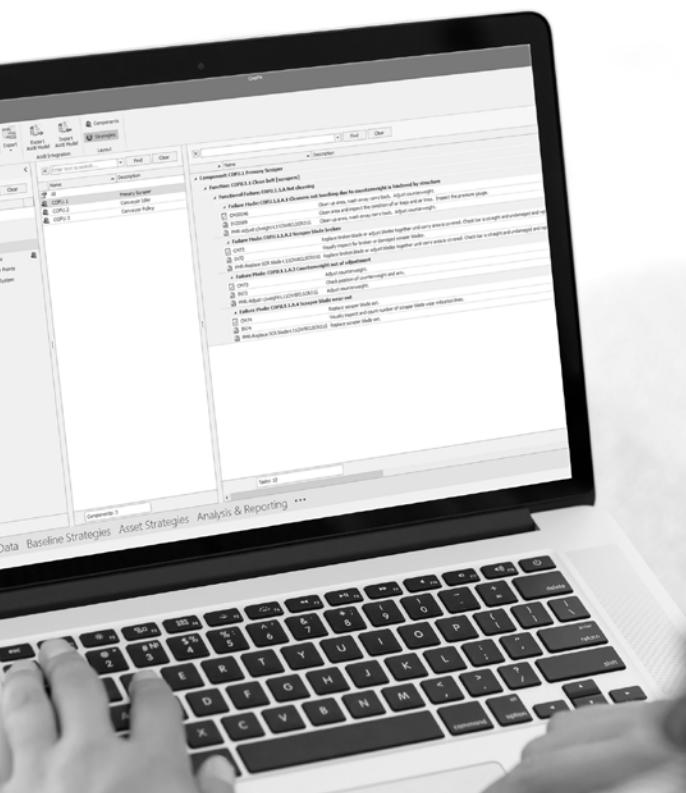## Gain Full Control Over All Changes to Your Asset Strategies

- Workflow engine ensures strategies are complied to; also features fully configurable change request process

- Enables Reliability Engineers to formalize maintenance strategies which eliminate the possibility of staff basing maintenance on their individual judgement

Visibility

- Gain visibility into variation between corporate maintenance strategies and what is implemented on a site

- Monitor performance by comparing your CMMS and/or ERP system to baseline or template strategies

Ease of Use

- OnePM® makes it easy to drive consistent asset strategies for common equipment types

- Single-click or bulk assignment of strategies, single-click job plan cloning, single-click deployment of global strategy updates

Major LNG operator develops & deploys maintenance strategies for brownfield operation in 44 days with OnePM®

- Generic maintenance strategies were developed for 122 unique equipment types (with variations made where applicable)

- Strategies uploaded to ERP system and deployed to 3,631 assets

- Client now has a single, standardized database

- Process completed in 44 days with OnePM® vs. 90+ days using traditional method

Insights to Improve Asset Intelligence

- Dashboard provides actionable insight; i.e. compare forecasts vs. actuals, metrics and more

- Benchmark and compare asset cost and performance across the organization

Remote Site Management

- Easily manage all planned and corrective work, materials, and labor

- Planning module can manage additional operations for job completeness (isolations, cleaning)

- Enable and improve collaboration between corporate group and remote sites
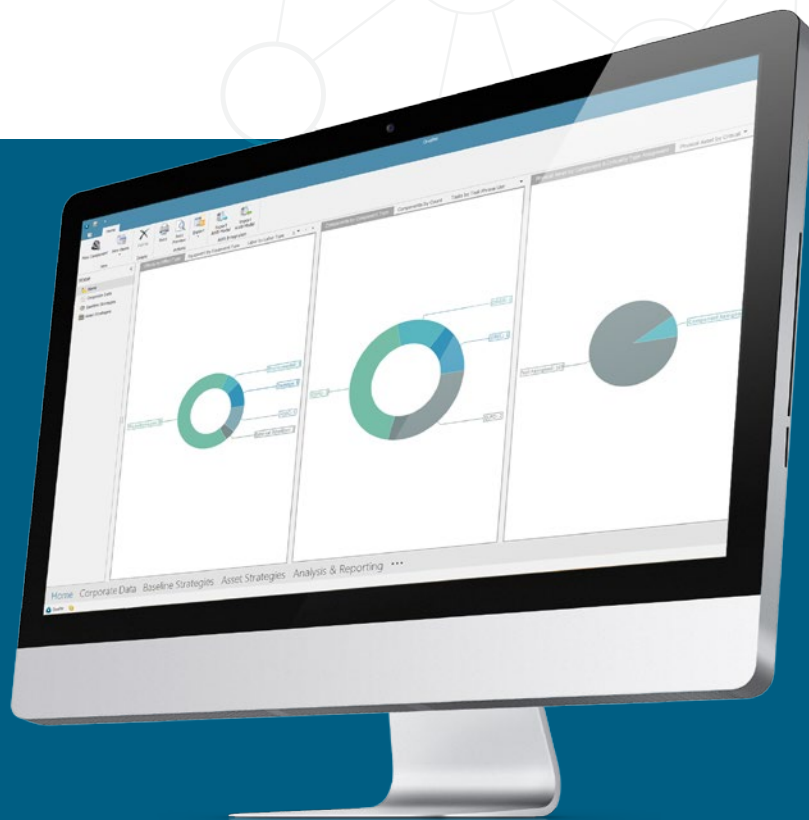
Scalability

- Ability to start with base functionality and add functions as required

- Future-proof: will accommodate enhancements to Isograph's AWB and SAP/MAXIMO

Integration with Existing Systems

- Structured in such a way that it easily integrates with an enterprise's CMMS and/or ERP system

- Drives a consistent maintenance plan, item and task list structure (SAP specific)

- SaaS based version requires minimal integration and virtually no involvement from IT to ensure rapid effectiveness

- On-premise solution can be configured and integrated with your major systems (Isograph's AWB, CMMS and/or ERP system)

OnePM® DEPLOYMENT OPTIONS

1 Internal organization installation

2 Organization-managed remote cloud

3 ARMS Reliability-managed private organization remote cloud

Leverage a leader in Reliability

OnePM® was created by ARMS Reliability.

Since 1995, ARMS Reliability has helped companies around the world - and across a broad range of industries - to get more from their assets, avoid unplanned downtime and reduce operating costs

OnePM® is configurable and we are committed to understanding your unique business needs and providing a tailored solution and deployment method. We deliver specialized implementation and consulting services, training, and support to ensure a timely and successful rollout across your organization.

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