



# BUSINESS BENEFITS OF ASSET STRATEGY MANAGEMENT

**ARMS**  
RELIABILITY

[WWW.ARMSRELIABILITY.COM](http://WWW.ARMSRELIABILITY.COM)



ASM delivers value through an optimal balance of risk, cost, and performance – continuously.

You've invested in resources, processes and systems at scale to deliver reliability driven asset performance and to manage risk around safety, financial and environmental events. Why then, is performance lacking and hampered by high costs and unplanned downtime, leading to a never-ending cycle of reactive maintenance? Asset Strategy Management is the fundamental process required to sustain a reliability-driven approach and to achieve a step change in asset performance to realize value.

While most organizations understand the key elements that underpin a sound reliability program, the reality is that many find it hard to manage reliability over time. Stuck in a cycle of reactive maintenance, they use sub-optimal, out dated or inconsistent maintenance strategies – which produce sub-par results, cost more, and lead to significant outages.

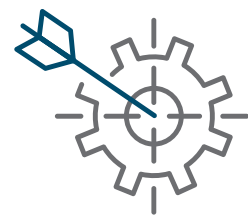
The way you maintain your assets is one of the single biggest contributors to asset performance, which in turn is ultimately one of the major factors to determining the bottom line health of your enterprise. It is crucial then for you have a process in place to support the effective management of asset strategy. Effective management of those assets allows you to accurately predict asset failure and increase reliability, leading to higher availability, improved costs and productivity, and potentially millions of dollars in savings.

**Asset Strategy Management is a best practice approach to managing your asset strategies, enterprise-wide. A process, enabled by people, technology and data, to ensure the optimal strategy is on every asset, all the time.**

Through ASM, you will realize value by effectively managing risk and opportunity to achieve the optimum balance of cost, risk and performance.

# KEY BUSINESS BENEFITS OF ASM





## OPTIMAL DIGITAL STRATEGIES

*To increase productivity, reduce costs and risks, and improve plant availability, you need the best strategies in place. Optimal digital strategies deliver the best balance of risk, cost and performance, using all available information for each equipment type.*

*ASM utilizes ARMS Reliability's equipment type data base, plus site or organization experience and actual data where available. You only need to develop a digital strategy once for an equipment type – it can then be deployed to all relevant assets and updated and improved over time as data becomes available resulting in immediate efficiencies.*

### Strategy Standardization

Save time and resources with this standardized approach to strategy development. Strategies can be applied to all equipment criticalities, makes and models, electronically and automatically. With all strategies housed in one system, a complete content management process is established.

### Centralized System

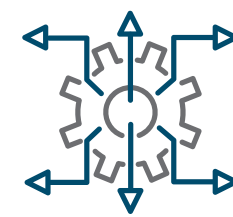
One source of truth. With just one central strategy platform find all strategy information easily and efficiently. ASM ensures a system solution to store all project files, asset strategy data and tactics, and work instruction content, enterprise-wide. No more disparate systems or disconnected sites with differentiate strategy.

### Increase Productivity

Use generic content to greatly reduce the time and effort spent building maintenance strategies. Ensure consistency of strategies to support benchmarking and improvement initiatives. Drive development of generic strategy content on an on-going basis to decrease the build time of each subsequent strategy review.

### Improve Accuracy

Eliminate data duplication to improve integrity and accuracy and ultimately supports decision making. Manage generic content to ensure subjective bias is removed and documented guidelines, data rules and standards are followed.



## RAPID STRATEGY DEPLOYMENT

*The goal in any reliability program is to make sure optimal maintenance strategies are always deployed and executed. Without the best strategies executed, risk and cost increase, and performance is hampered.*

*ASM gives you the ability to rapidly deploy new strategies or changes to existing strategies with a consistent structure and assured data quality to deliver immediate value through reduced risk and cost and improved performance.*

### Align Strategy & Work Management

Integrate with EAM systems to ensure work packages are grouped by agreed and approved business rules for effective planning, scheduling, execution, feedback, benchmarking and ultimately ongoing improvement.

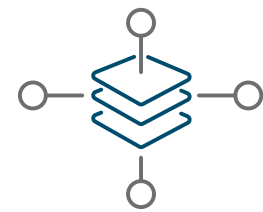
### Customizable Strategy

Easily support specific equipment strategies that account for regional or local variations – for example, different operational or environmental conditions – while maintaining a connection to the central generic content.

### Improve Efficiency

Rapidly deploy optimal maintenance strategies to all assets enterprise-wide, electronically and immediately, based on criticality and specific make and model information.





## ENRICHED MASTER DATA AND CONSISTENCY

*The quality and consistency of your Master Data plays an integral role in supporting the effective planning and execution of maintenance strategies – which boosts productivity and drives continuous improvement.*

*With ASM, a generic equipment knowledge base completes your Master Data; where there is far less complexity and disparity between like equipment type strategies. Quality of Master Data improves over time and is always connected to the installed asset base.*

### Complete Master Data

With a structured process, a common data set, rule-based work packaging, and data quality assurance, the ASM process supports the consistent development of a complete Master Data Set. Updates are dynamic and can be redeployed to the EAM system.

### Easily Deploy Work Instructions

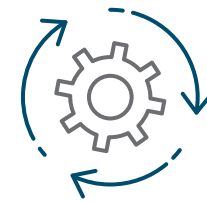
Improve the quality of execution with fast deployment of available work instruction content from consolidated data based on equipment types. The content can continually evolve and be redeployed as new data becomes available.

### Master Data Consistency

Align the ASM process structure with your organization's business rules, data quality principles, data structure guidelines and standards to ensure that the Master Data conforms to all relevant rules and standards. If standards change, it's quick and easy to make updates to Master Data.

### Connected Data

Improve your Master Data organically through the link between ASM and common concepts within your EAM system – such as equipment types, make and model information, and criticality assignments.



## DATA DRIVEN CONTINUOUS IMPROVEMENT

*Site and plant operations are dynamic and ever-changing. To take control over asset performance, your asset strategies need to be dynamic too.*

*Using real-time data from actual operations as a driving force, ASM ensures strategies are continually adjusted to achieve the optimum balance of risk, cost and performance. And it's all supported by a workflow to ensure the right people review, approve and deploy the changes.*

### Continuous Improvement

Use data-driven insights to iteratively improve maintenance strategies over time – taking into account changes to operating context, asset age, maintenance and inspection techniques, and performance requirements.

### Gain Visibility

Monitor strategy execution and performance in real-time and establish triggers for review and optimization. When the work being executed doesn't align with the optimal strategies in the system, you get complete visibility into the gaps – putting you back in control.

### Achieve Performance Objectives

Keep strategies up-to-date and aligned with performance objectives, and easily update them as business needs change. ASM gives you the ability to establish benchmarks. Track actual performance, costs and resource usage versus forecasts and targets to identify key areas for review and improvement.

### Leverage Best Practice

Identify reliability excellence and deploy the best strategies enterprise-wide to ensure maximum business value is achieved at every site, on every asset.





## EFFECTIVE GOVERNANCE

*Get the most from your continuous improvement activities while managing risk and keeping costs under control. All while aligning your maintenance activities to performance goals.*

*ASM makes it easy for you to manage the central equipment knowledge base and deploy specific asset strategy updates. It puts you back in control, with greater visibility into what's going on across assets and sites – and it helps you close the gap between forecasted and actual performance of agreed strategies.*

### Gain Control

Ensure that standardized procedures are deployed to all assets at all sites, with the flexibility to vary content for specific installations. Any strategy modifications go through a change management and approval process first.

### Consolidate Data

Improve productivity and efficiency by consolidating all data elements – from task descriptions to cause codes to packages of work – to a single source of common data. Then, if data needs to change, you only need to change it once.

### Maximize Value from Subject Matter Experts

Leverage the expertise of site-based SMEs by incorporating them into the governance workflow for relevant assets, so that other sites benefit from their knowledge.

### Improve through Benchmarking

Easily benchmark similar assets and their performance against consistent data structures, so you can quickly identify strategy differences to find ways to boost performance across the organization.



## ASM IN ACTION



“Dalrymple Bay Coal Terminal has worked with ARMS Reliability since the early 2000s. We have always been very impressed with the solutions they present, and were very keen to give OnePM a go. During the trial period, OnePM more than proved itself. The platform provides complete transparency and accountability into asset strategy management, and is helping us to save time and money.”

**Lindsey Wiggins, Senior Reliability Engineer,  
Dalrymple Bay Coal Terminal**







## IMPROVED BUSINESS OUTCOMES



### IMPROVE PERFORMANCE

INCREASED AVAILABILITY

**1-6%**

ASM removes inconsistencies from asset strategies to ensure your assets are running at their full potential, enterprise-wide. With ASM, you can easily align your maintenance strategies to operational and service level targets and deliver bottom-line results.



### MANAGE RISK

REDUCTION IN SAFETY RISKS

**10-30%**

When maintenance strategies are changed without approval or maintenance intervals and tasks executed differ from your agreed strategy, you can be exposed to significant risk. ASM minimizes risk through workflow management, where unauthorized strategy changes [and risk] are eliminated.

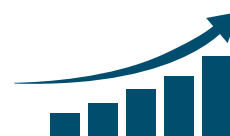


### REDUCE COSTS

REDUCTION IN COSTS

**5-30%**

ASM helps you achieve the optimal balance of performance, risk and cost. It significantly reduces spend on reactive maintenance, ensures assets are not over-maintained, and carries a lower risk with fewer accidents. It all leads to an overall reduction in maintenance spend, and a more assured way to manage your maintenance budget.



### INCREASE PRODUCTIVITY

FASTER STRATEGY DEVELOPMENT

**2-6x**

Don't waste time with inefficient processes and duplicating work. With ASM's asset strategy data base, easily share strategies across like assets and build maintenance strategies using generic templates. It seamlessly integrates with your EAM system to ensure data accuracy and allows electronic deployment of asset strategies.



### REDUCE REACTIVE MAINTENANCE

REDUCTION IN REACTIVE MAINTENANCE

**10-50%**

The maintenance strategies you execute are one of the single biggest contributors to performance. ASM ensures that your best strategies are applied to all assets across all sites and provides data-driven intelligence to continually improve upon those strategies. This means you spend less time in reactive maintenance mode and more time delivering the highest value to your organization.



#### Global Oil & Gas Producer

Reduced time spent developing maintenance strategies for 152,000 assets by 60% using OnePM



#### Natural Gas Company

Developed maintenance strategies for 122 unique equipment types and deployed to 3,641 assets in 44 days using OnePM



#### Public Utility Company

Created 502 equipment templates applied to 207,568 assets and reduced reactive maintenance by approximately 20%

## CLIENT SUCCESS



## Leverage a Leader in Reliability

ARMS Reliability is a leading global provider of asset management solutions to some of the world's largest resource, power and utility companies.

Pioneers of best practice approach; Asset Strategy Management, we are transforming the way companies manage their assets to achieve a step change in asset performance.

Combining decades of reliability expertise with our purpose-built software platform, OnePM, and an extensive digital strategy data base, we enable companies to build, deploy and sustain optimal asset strategies. As a result, our customers realize value through achieving the optimum balance of cost, risk and performance.

## Discover OnePM

[www.armsreliability.com](http://www.armsreliability.com) | [info@armsreliability.com](mailto:info@armsreliability.com)