



Rylson8



Understanding the Total Cost of Ownership

Optimise the Life Cycle Plans of your assets, maximising their value to the business and ensuring the greatest return on shareholder investment.

RYLSON8 is a next generation software solution offering the only comprehensive approach to Total Life Cycle Planning in an enterprise grade system.

RYLSON8 is designed and built around proven methodologies to assist your organisation to maximise the life of your assets and ultimately your bottom line.

According to the needs of your organisation, **RYLSON8** can be purchased on a module by module basis or as a complete suite of products.

Why RYLSON8?

The question is can your organisation reach its full potential without it?

RYLSON8 provides for a single entry point to define the businesses requirements and directly relate them to the required performance of their assets. In addition it enables iteration of changing requirements to ensure the optimal solution is never far away. More importantly it allows the user to run "what if" scenarios to determine how the business should be run to achieve its full potential.

"Delivering all the answers to your life cycle planning needs, in the one user-friendly system"



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Life Cycle Analysis

Life Cycle Analysis captures and collates key data against each asset enabling the derivation of the following outputs:

- Life Cycle Costing
- Detailed Life Cycle Plans including Task definition
- Forecast of Operating Expense Budget
- Forecast of Capital Replacement Plans
- Estimated remaining economic life of the assets

Plant Hierarchies

The plant index is an essential element of the maintenance management system. The plant index is a hierarchy of all plant and equipment operated at site and reflects the organisation and relationships between them. The plant index performs the following functions in Rylson8;

- Identifies all maintainable items
- Identifies interrelationships and dependencies.
- Determines how costs and maintenance history is accumulated and reported.
- Defines areas of responsibility

Define Assets & Condition Parameters

The key aspect of defining asset condition parameters is determining the condition index by which the life or condition of the asset is assessed, i.e. the life determining condition or conditions.

In establishing the equipment condition, a comprehensive register of equipment is required to ensure that each asset can be assessed and included in the Life Cycle Plans.

Systems Capability Analysis

The System Capability Analysis defines the individual performance requirements of the assets based on the overriding objectives defined by the business. This leads to identification of potential high risk areas for the business and provides clarity around where the smallest margins between the "want" and the "can" exist.

Criticality Analysis

Rylson8 assists companies to understand the criticality of an asset to their business and is paramount in the decision making processes that follow. Some of the typical inputs into the analysis are those assets that impact:

- Safety
- Environment
- Operations
- Quality

In this case we define criticality as the exposure of risk to the business has in the occurrence of an unscheduled event and its potential impact on one of the inputs listed above.

Maintenance Strategy Development/ Optimisation

Rylson8 benefits Companies by developing application specific asset maintenance strategies or plans. These plans optimise the tasks that address the causes of potential failure.

Typical outcomes include:

- Improvement of the effectiveness of the existing maintenance program
- Development from first principles
- Improved availability and reliability of the assets
- Optimal cost of delivery of the maintenance program

Resource Forecasting

Throughout the life of any system or plant the resource requirements to support the operations and maintenance vary. Rylson8 will enable the profiling of those changing requirements to meet issues such as:

- Ageing plant
- Midlife updates
- Capacity changes
- Upgrades
- Shutdowns and projects

Spares Analysis

The Spares Analysis module balances the risk of not having the appropriate spare when required against the cost of holding the inventory. This ensures an optimal cost to the business whilst aligning these requirements with the Life Cycle Plan for the asset.

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What industries is Rylson8 suited to?

Rylson8 has been designed for organisations seeking to maximise return on investment and improve cost to revenue ratios. We appreciate that the only industry that matters to you is your industry. Our methodologies are based on an in-depth knowledge of the processes that drive your business, giving you the results you need to achieve excellence.

Key Features of Rylson8?

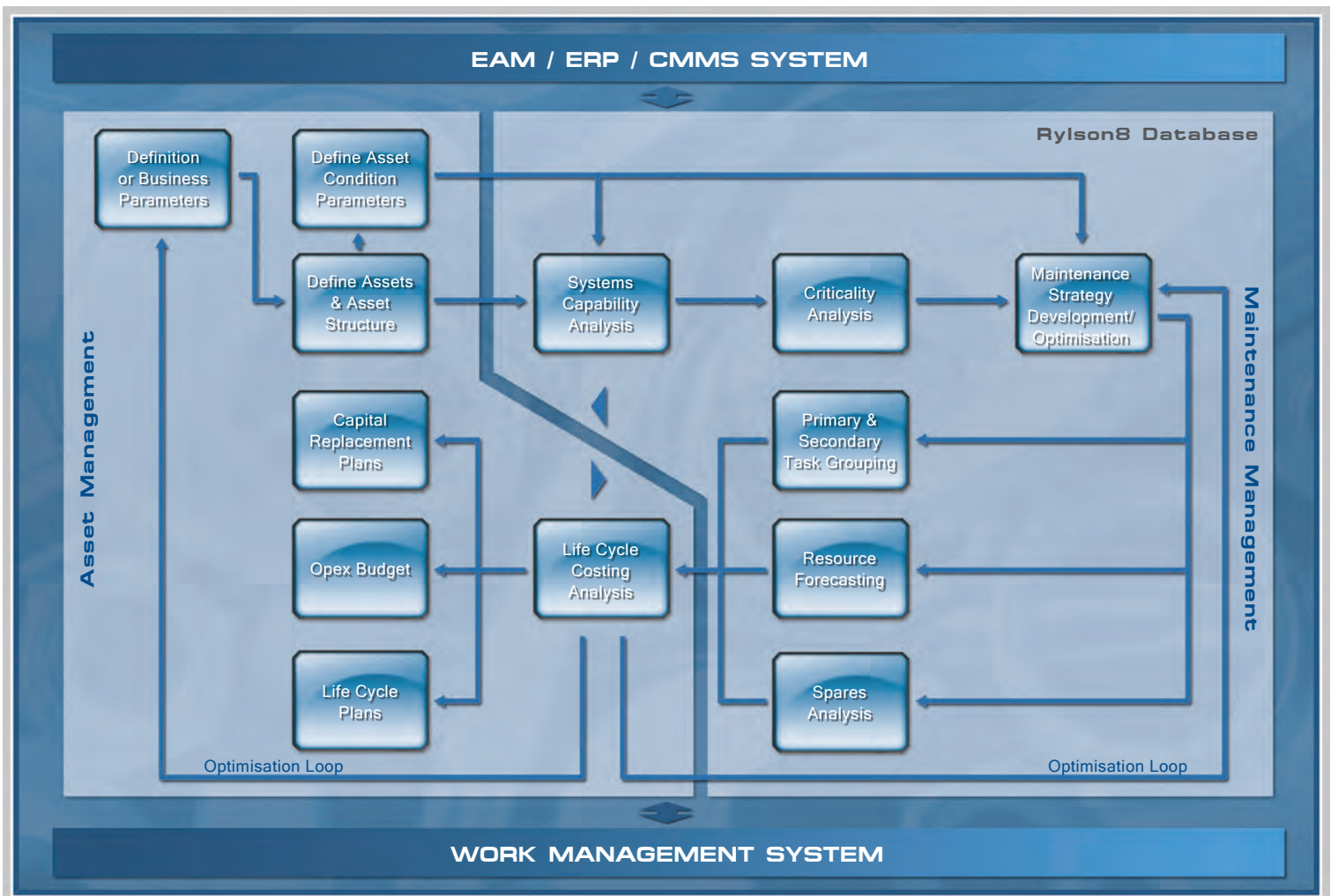
- User friendly and definable
- Enterprise capability
- Capability to be interfaced with existing maintenance systems
- Standardised windows layout
- Ability to be customised to suit your business
- Full security and audit trail
- Proven methodologies and workflows
- Evergreen Technology

Key Benefits to your organisation

- Improved return on investment through;
- Optimal asset utilisation and productivity
 - Improved revenue to cost ratios
 - Improved reliability and therefore repeatability of performance
 - Optimised inventory costs
 - Predictable equipment life
 - More accurate prediction of Opex & CRP budgets over the life of the asset
 - Understanding the Total Cost of Ownership

All of which equate to very realistic, tangible financial business benefits!

RYLSON8 - Enterprise Asset Management



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The **Rylson Group** is an Australian-owned international engineering consultancy group.

Rylson Group specialise in maintenance and reliability management; maintenance training; technical documentation and project management.

Rylson has grown to become a leader in its field offering innovative products and world-class services to its 'Blue Chip' client base that span the globe.

Rylson is committed to offering you the products and services you need to ensure your organisation reaches its full asset and maintenance management potential.

