



## MAAP®

### The Smart Answer to Multi-resource Planning, Optimization and Continuous Improvement

With limited budgets and rising prices for capability modernization, the need for reductions in total ownership costs demand strategies that free up funds by reining in the support costs of current systems. Whether achieved through reliability and maintainability upgrades, the implementation of supply chain efficiencies, or competitive product support initiatives, the need to identify savings without impairing overall system performance places today's Total Life Cycle System Manager in a vast and confused decision space.

MAAP® is a unique event-driven, activity-based 'adding engine' of 'cost atoms' to derive the Life Cycle Cost for your system. Automatically handling all the complex interactions of support, MAAP is capable of supporting a wide range of analytical tasks. A MAAP® model keeps its relevance over the life cycle of a capital investment by passing data from one analytical model to the next with no need for re-interpretation, transformation or re-entry into other decision models or databases. MAAP® is equally at home helping you make decisions, in both the defence and civilian commercial system environments.

#### **BENEFITS OF MAAP®**

- Remove the guesswork from your Through-Life Cost (TLC) estimating
- Optimize your support resources to deliver system availability; not just spares
- To identify the drivers of support cost and performance
- Evaluate the benefits of support improvements before committing to expenditure and risk

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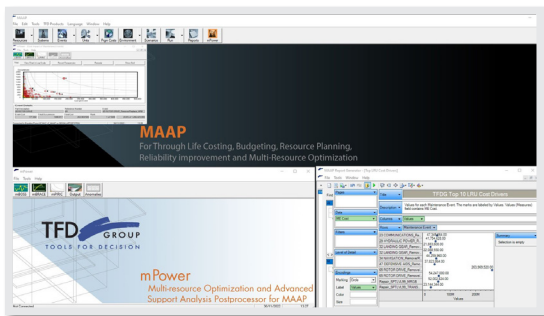


## MAAP®

MAAP® delivers the ability to evaluate the resource and cost implications of the deployment, operation and support of complex evolving systems in dynamic operating scenarios. Providing unmatched decision support, it can be used to help you in your: system selection; operational planning; support planning; resource management; capability planning; and budget planning.

The potential of MAAP® is further unleashed by its mPOWER Support Analysis Tool Suite, with the mBRACE, mBOSS and mPIRIC utilities. MAAP® also unlocks the route to Supportability Audit; the proven technique using events, resources, frequencies, durations & cost data to support drive-down analysis and improvement evaluation.

## Features



- Through-Life Cost (TLC) Estimating
- Optimizing your support resources, not just spares, to deliver system availability
- Identifying the drivers of support cost and performance
- Assess the benefits of support improvements before commitment
- Evaluating how to cut costs while minimizing the loss of capability

## Questions MAAP® Answers

In a nutshell, MAAP® can be used to study the re-source and cost implications of the deployment, operation and support of complex, evolving systems in dynamic operating scenarios. MAAP® provides unmatched decision support in a range of typical settings:

### System Selection

Although usually based on multiple criteria, selection choices should always be informed by reliable TOC and resource profiles. MAAP® not only provides these things, but also facilitates transmission from prospective vendors of detailed product information for timely comparative analysis.

### Operational Planning

MAAP® gives unmatched resolution of the costs and resource implications of system deployment and usage options.

### Support Planning

MAAP® facilitates identification of competitive in-house or out-sourced maintenance, supply and management arrangements.

### Resource Management

MAAP® gives a full picture of the resource use profiles associated with system acquisition, phased introduction, operation, support and upgrade.

## Capability Planning

The need for systems to be enhanced, replaced or refurbished gives rise to a complex resource allocation problem in which many competing interests have to be resolved. MAAP® enables originators of resource bids to estimate their future needs accurately. And since commitment and expenditure options can be compared in a timely way, top-level decision makers can arbitrate between funding candidates in the overall interest of present and future capability.

## Budget Planning and Budget Cut Exercises

Last year's costs seldom reveal much of value about next year's. MAAP® translates system at-tributes, the current state and planned operations into specific budget requirements – by time period and location. MAAP® can also help in identifying events and resources that can be delayed or done without so that budget cuts can be accommodated with least impact on system performance.