



Maintenance Optimization

MADe has an RCM workflow that leverages existent technical data in the MADe system model to analyse failures and the associated costs of alternate maintenance strategies and techniques to optimize the maintenance regime for an asset. The purpose of RCM is to develop a maintenance program that will increase system availability by identifying failures or potential failures before they degrade system effectiveness and impact on availability.

MADe RCM offers a model based solution to RCM with an iterative, traceable process to provide system optimization for availability, cost and sustainment.

- Typical RCM issues that MADe can be used to answer:
- What are the relative costs / availability impacts of alternate maintenance approaches (scheduled repair or replace / condition based / run to failure)?
- What are the potential safety impacts of a change to the maintenance approach?
- Is there a justification to modify the equipment design to optimise supportability costs and performance
- How often should the maintenance approach be re-evaluated?