RCM Analyzer is a web-based software application designed to assist in performing RCM analysis and provide a repository for analysis decisions that are easily reviewed as needed. It supports an RCM analysis process compliant with SAE JA1011 as well as NAVAIR 00-25-403.

**FEATURES**
- Develop hardware hierarchies
- Perform comprehensive Failure Modes, Effects, and Criticality Analysis (FMECA)
- Upload and store supporting source data (such as spreadsheets and graphics) for each failure mode
- Cut, copy, and paste large parts of analysis within projects and to add from other projects (project templating)
- Compare cost and down-time of various failure management strategies to identify the preferred option
- Package tasks into an efficient maintenance plan
- Track changes to the analysis over time through revision management
- Manage workflow of the RCM project
- Full integration with the OptiAM® Enterprise Asset Management suite

**BENEFITS**
- Save time and effort in the data entry and analysis processes with an easy to use intuitive interface
- Minimize down time and operating costs by identifying an optimal preventive maintenance program
- Minimize set up time and cost through a web based SaaS platform
- Increase efficiency through a secure internet accessible system
- Eliminate duplication of effort through shared data model
- Reduce training and problem resolution time with professional technical support and expertise
- Improve RCM project efficiency with embedded project management tools and reports
Reliability Centered Maintenance

RCM Training

RCM Training provides instruction and practice needed to apply Reliability Centered Maintenance (RCM) analysis to physical assets.

What you’ll gain:

• An introduction to the philosophy, theory and practical experience needed to implement and perform RCM analysis
• Instruction in the Society of Automotive Engineers (SAE) Standard JA1011 compliant RCM process
• In-depth understanding of RCM disciplines as they relate to developing efficient preventative maintenance programs
• Experience developing effective failure management strategies
• An understanding of RCM’s role within asset management
• Experience identifying opportunities that may warrant a more in-depth reliability analysis

Course design:

The course provides 3-Days of classroom instruction for a total of 24 training hours and includes:

• Training materials
• Lectures, supported by on-screen presentations
• Demonstrations
• Large group discussions
• Case studies
• Practical hands on exercises to reinforce practical experience

Part 1: Introduction to RCM analyzer software/hardware breakdown and Failure Mode, Effects and Criticality Analysis (FMECA)
Part 2: Interactive facilitated RCM analysis
Part 3: Students perform an independent RCM analysis on a representative system or equipment to reinforce principles learned in the class

Advanced RCM Training:

The RCM Advanced Topics is a 2 day course designed for experienced RCM analysts that are responsible for implementing the RCM process. This course addresses topics such as P to F Interval Determination, Project Management and Weibull Analysis. You will examine case studies to address implementation and integration issues.