

Benefits of Using the PMO2000[®] Software

1. Provide a purpose designed tool to facilitate and make efficient the review and analysis of Preventive Maintenance (PM) schedules and plant failure modes not covered by PM.
2. Dramatically reduce the time of implementation of new RCM / PMO analysis. Implementation that **used to take two weeks now takes one day**. Analysing tasks is a relatively small component of PM Optimisation projects. Preparation and post analysis implementation of reviewed PM's consumes more elapsed time than the analysis itself. By using dynamic filtering and merge functionality from the PMO2000[™] database, the software produces PM sheets for complete systems in the clients' own format, in a few minutes so that they can be implemented in less than one day.
3. Swift up-load of existing PM schedules. The software has a facility that enables up-load of existing PM schedules from standard electronic formats, for example, MS Excel.
4. Provide a secure repository for PM schedules and Failure Management Strategy. The software is designed to be a secure repository for PM schedules and FMEA which are in essence, very valuable corporate intellectual property. Often, clients retain this information in spreadsheets which are insecure, manipulated by many, are not conducive to good document control and are often lost as staff move on.
5. Provide a log of PM changes. The software retains history of all PM's active, inactive, modified or deleted. Old tasks are retained in the system as a historical record.
6. Each task is recorded with a justification. A justification for a task and or the modification of the task or the frequency of the task is recorded in the software with the task record.
7. Each task must be Authorised. The software has different levels of authority. Each task must be reviewed and authorised by an 'Engineer' before it can be implemented.
8. Each task is associated with an equipment and a failure mode. This facilitates analysis and review especially in the event of unexpected equipment failures.
9. Facilitates the breakdown of equipment into an appropriate maintainable hierarchical structure. This structure becomes the template for loading into a CMMS and also for advanced users, the single key input into production loss / OEE databases.
10. Create new equipment items easily using drag and drop functionality. Adding new equipment is now merely a matter of copying like equipment.
11. Provide a means to link the maintenance tasks with the CMMS. The PMO2000[™] software allows interface between modern CMMS systems that support hyper-linking. A PM schedule in the CMMS is hyper-linked to the PM document that is produced by the merge from the PMO2000[™] software.
12. Provide a variety of schedule outputs. PMO2000[™] can output PM schedules in various formats, MS Excel, MS Word, .PDF and Crystal Reports with the click of a button. For advanced users, the PM schedules can be merged with the corrective maintenance program for the outage and planned in third party software such as MS Project.
13. Provide a cost benefit module for comparing different approaches to PM and the value of Modifications. The software encourages users to use the software entries to analyse cost benefit of their ideas. Storage of these ideas and the initial calculations of cost benefit encourage active participation by the shop floor personnel and avoids a plethora of ideas that do not have high returns on investment.