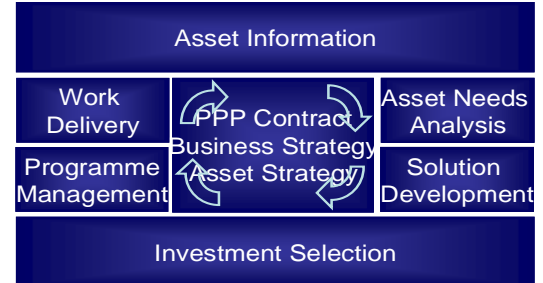


aptGroup

Asset Performance Tools Cost/Risk Evaluation Tools

Overview - Developed by some of the top experts in Asset Management, tasked by an international consortium of major companies with developing a range of radical solutions to the most difficult problems of industrial management. With the help of some of the leading European engineers, trainers, mathematicians, systems analysts and field testing personnel, it has achieved this goal - designing practical tools for everyday use in areas of great uncertainty and complexity. The resulting seven modules of the Asset Performance Toolkit are explained in further detail below.



The feedback from the wide range of industrial users has already confirmed the staggering impact of what has been achieved. Maintenance intervals have sometimes been doubled (and sometimes halved!), stock levels have been reduced by 60%, project evaluations/justifications performed in an average of just 15 minutes and asset replacement timing has been radically altered. In every case, the economic and risk implications are fully visible, with the resulting decision based on a 'Total Business Impact' assessment. Savings discovered in individual case studies range from mere thousands of dollars per year to tens of millions. The payback for the tools themselves is measured in days.

APT-LIFESPAN

Life cycle analysis, asset replacement timing, repair versus replacement, life extension options, alternative designs, Capex/Opex combinations.

APT-PROJECT

Cost/benefit/risk screening and prioritising of proposals, modifications, projects, safety, process or procedure changes.

APT-MAINTENANCE

Optimal maintenance intervals, deterioration management, reliability, performance and lifespan effects.

APT-INSPECTION

Inspection, testing and monitoring intervals, optimal condition reaction points, cost/benefit comparison of monitoring methods.

APT-SCHEDULE

Optimal bundling of work content and intervals, shutdown frequencies, shared access and work alignment opportunities.

APT-STOCK

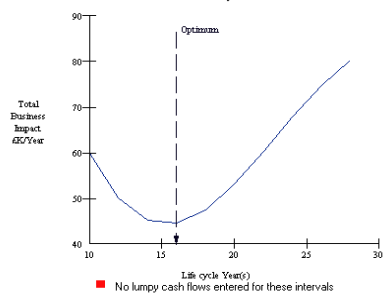
Materials strategies, min/max stock, re-order quantities. Buffer storage and supplier comparison analyses.

APT-SPARES

Stock holding quantity for critical spares, evaluation of 'pooling' options. Extensive sensitivity analysis capability.

Please call our offices for more information!

ETR B094/MNBFA 0200 - 1.1 No track drainage
New asset life cycle



APT-LIFESPAN - APT Integrated Toolkit v3.1
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