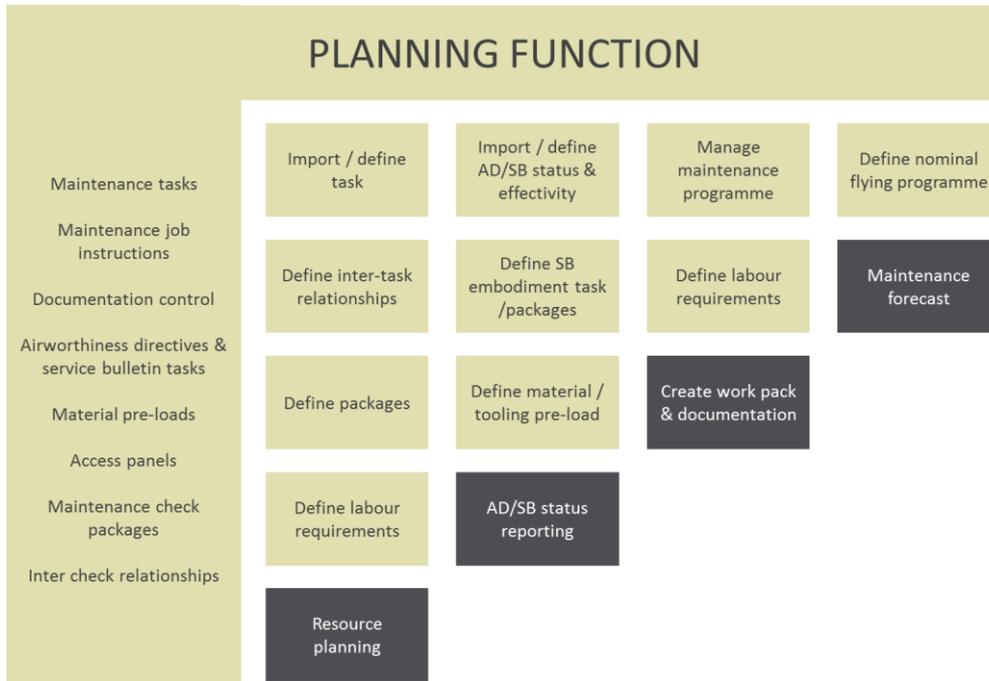




PLANNING



The **PLANNING MODULE** predicts when all maintenance tasks, modifications and defect limitations will become due, allowing planners to easily integrate these into works orders and can then automatically generate the work package documentation and material pre-loads.

MAINTENANCE TASKS

Each individual task that is required by the maintenance plan is tracked in the OASES system. The type of task can be defined along with labour time and numbers required, trade, multi-stage thresholds and intervals. All relationships between this and other tasks can be easily defined, including accomplishment, activation, calling, cancellation, "do not perform with" and "previously accomplished by" which allows management of spin-off tasks. Task intervals may be hours, cycles, days or date based. In addition the user may define a non-ship based life against a component or component location e.g. engine thrust cycles. The system also allows different fleets to have separate life

control restrictions i.e. fleet A controls APU by hours, fleet B by cycles, or either can be controlled by more than one life type.

MANUFACTURER JOB INSTRUCTIONS

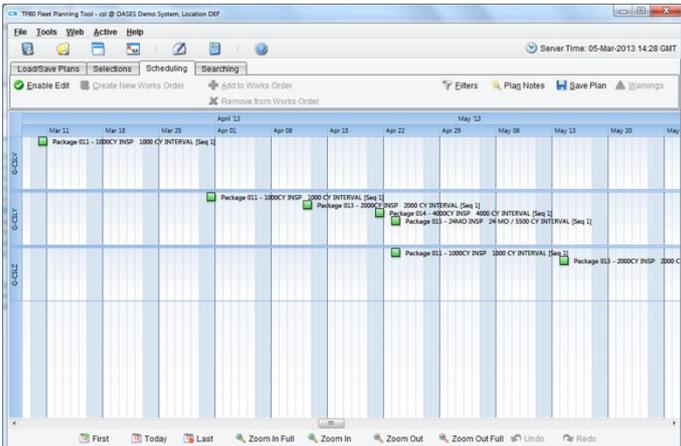
Any manufacturer job instructions of an appropriate format and their revisions may be automatically imported and associated with the task. When the task is called to a works order the system automatically attaches and prints the job instructions with the work card and references the attachment in the narrative. Other automatic attachments can include any local documentation or other information which may be associated with a user-definable workcard property. These are easily referenced to the central task record and can be printed and/or referenced in the task narrative automatically.

MATERIAL PRE-LOADS

The final works order is automatically interrogated and all material requirements held against each task are collated to produce reports,



PLANNING



Gantt chart view of works orders in OASES allows visual planning of maintenance

emails or automatic routing to the relevant department according to each case. OASES understands the work order location and can intelligently manage each material requisition according to authorisation levels, warehouse preferences and stock availability.

MAINTENANCE CHECK PACKAGES

Individual tasks can be packaged as required and the package will appear in the forecast according to the most restrictive task contained within it. Yield management tools are provided to allow review of each package. A package appearing in the forecast can be scheduled into a works order with a single click and/or expanded to view individual task details including schedule reference, last done, time remaining etc.

Other items can be added to the same works order if additional work is required to be carried out at the same time.

ACCESS PANELS

All relevant access panels can also be derived automatically for each task in the works order. Various control methodologies are then available to manage these.

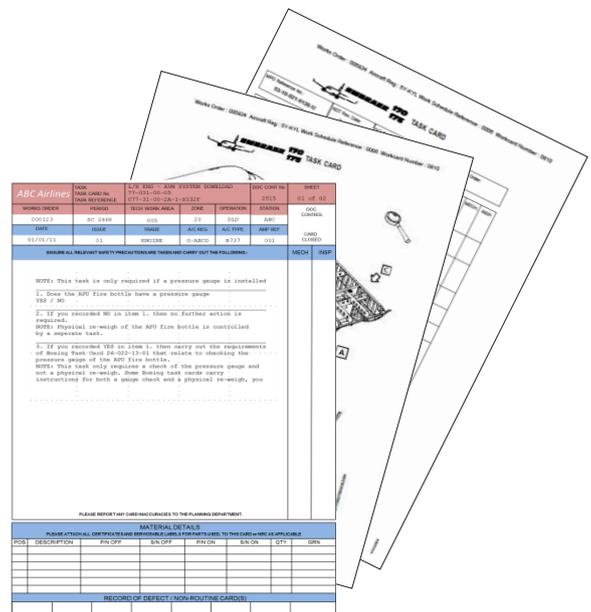
AIRWORTHINESS DIRECTIVE & SERVICE BULLETIN TASKS

Any task which is generated by an airworthiness directive or a service bulletin can be entered into and tracked by the planning system.

Inspections or modifications which are required will be viewable in the aircraft maintenance forecast and can then be included in a works order.

WORKPACK PRODUCTION

Once a group of tasks or a package has been generated and included in a works order the planner can then produce a workpack which can be distributed to the department or organisation carrying out the maintenance either electronically as a PDF or printed to hard copy and physically forwarded.



Workpacks can be produced in OASES which include all the manufacturer's task data in a single print or PDF document and includes a cover sheet and tally sheets