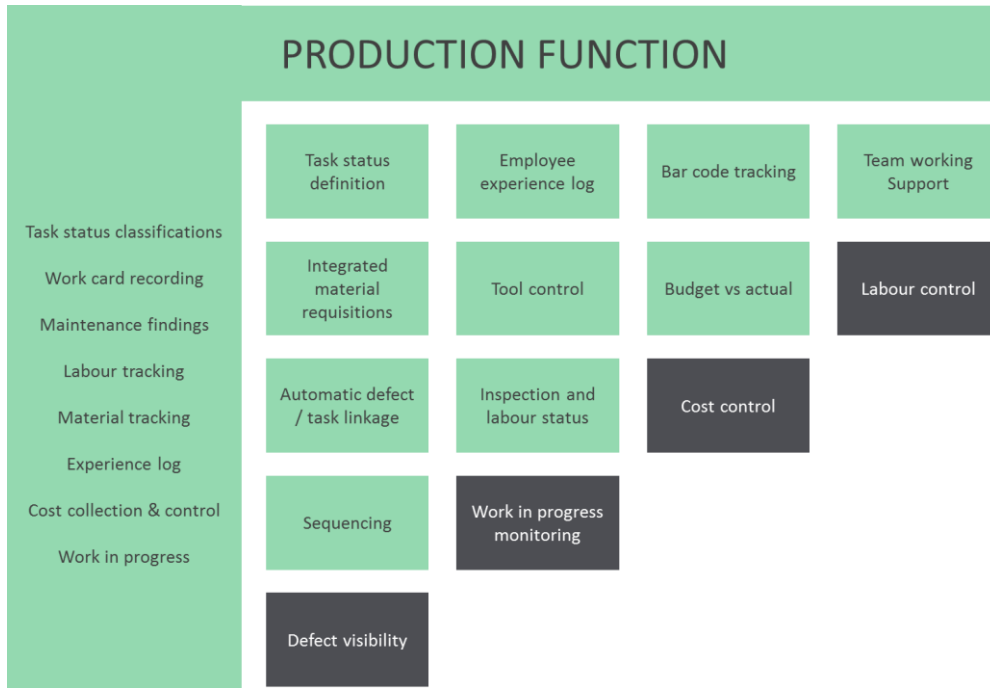


PRODUCTION



The **PRODUCTION MODULE** tracks the progress of tasks within any works order in real time as they are worked through the hangar/MRO facility and reports budget vs actual labour expended, defects raised, task status and all materials issued or returned.

WORK CARD RECORDING

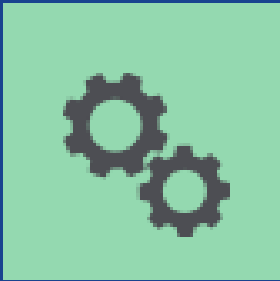
All work cards may be bar-coded providing a simple and reliable method for work in progress data capture. Employees may be identified using a variety of techniques and allows operation of the system in the hangar without the need of a keyboard. As each task, workcard, operation or activity is performed, the information is captured by scanning or by direct entry into a tablet or PC. The information collected includes job number, employee number, materials used, start and finish times, etc enabling fast and efficient analysis of the task's progress.

MAINTENANCE FINDINGS

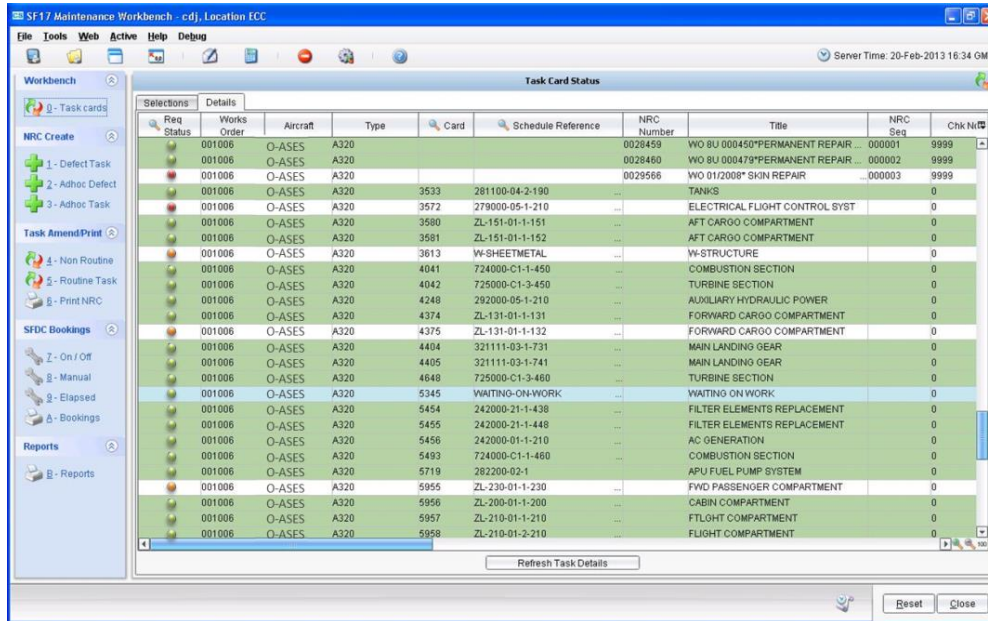
OASES' defect control configuration options offer a flexible approach for the management of defects as they are discovered. All findings are tracked against the originating inspection or task and the system provides a full set of displays, reports and standardised exports for managers to monitor progress.

LABOUR TRACKING

All labour expended or committed is collated by OASES and provides a real-time view of the status of the works order. The system supports separation of inspection, labour hour estimates, and compares the budgeted position with the actual current position. Managers can easily assimilate the impact of defects and other disruptions to the plan and can take remedial action at the earliest possible point in time.



PRODUCTION



Req Status	Works Order	Aircraft	Type	Card	Schedule Reference	NRC Number	Title	NRC Seq	Chk Num
001006	O-ASES	A320				0028459	WO 8U 000450*PERMANENT REPAIR ...	000001	9999
001006	O-ASES	A320				0028460	WO 8U 000479*PERMANENT REPAIR ...	000002	9999
001006	O-ASES	A320				0029566	WO 012008*SKIN REPAIR	000003	9999
001006	O-ASES	A320		3533	281100-04-2-190		TANKS		0
001006	O-ASES	A320		3572	279000-05-1-210		ELECTRICAL FLIGHT CONTROL SYST		0
001006	O-ASES	A320		3580	ZL-151-01-1-151		AFT CARGO COMPARTMENT		0
001006	O-ASES	A320		3581	ZL-151-01-1-152		AFT CARGO COMPARTMENT		0
001006	O-ASES	A320		3613	W-SHEETMETAL		W-STRUCTURE		0
001006	O-ASES	A320		4041	724000-C1-1-450		COMBUSTION SECTION		0
001006	O-ASES	A320		4042	725000-C1-3-450		TURBINE SECTION		0
001006	O-ASES	A320		4248	292000-05-1-210		AUXILIARY HYDRAULIC POWER		0
001006	O-ASES	A320		4374	ZL-131-01-1-131		FORWARD CARGO COMPARTMENT		0
001006	O-ASES	A320		4375	ZL-131-01-1-132		FORWARD CARGO COMPARTMENT		0
001006	O-ASES	A320		4404	321111-03-1-731		MAIN LANDING GEAR		0
001006	O-ASES	A320		4405	321111-03-1-741		MAIN LANDING GEAR		0
001006	O-ASES	A320		4648	725000-C1-3-460		TURBINE SECTION		0
001006	O-ASES	A320		5345	WAITING-ON-WORK		WAITING ON WORK		0
001006	O-ASES	A320		5454	242000-21-1-438		FILTER ELEMENTS REPLACEMENT		0
001006	O-ASES	A320		5455	242000-21-1-448		FILTER ELEMENTS REPLACEMENT		0
001006	O-ASES	A320		5456	242000-01-1-210		AC GENERATION		0
001006	O-ASES	A320		5493	724000-C1-1-460		COMBUSTION SECTION		0
001006	O-ASES	A320		5719	282200-02-1		APU FUEL PUMP SYSTEM		0
001006	O-ASES	A320		5955	ZL-230-01-1-230		FWD PASSENGER COMPARTMENT		0
001006	O-ASES	A320		5956	ZL-200-01-1-200		CABIN COMPARTMENT		0
001006	O-ASES	A320		5957	ZL-210-01-1-210		FLIGHT COMPARTMENT		0
001006	O-ASES	A320		5958	ZL-210-01-2-210		FLIGHT COMPARTMENT		0

TASK STATUS CLASSIFICATIONS

Users can easily setup multiple codes enabling detailed analysis and tracking of individual tasks within a works order. The works order closure function understands these codes and is able to automatically determine the completion status date and time for each task.

MATERIAL TRACKING

All issues to and returns from the works order are tracked and reported. The system monitors the current works order status and prevents issues to the works order after the planned closure date. The system also monitors rotatable issues to a works order and can be configured to prompt for the return of the off-core.

MULTIPLE TASK TRACKING

Once the pdf work package has been printed at either the hangar, MRO or line station, employees can log on to each task individually or against multiple tasks if more efficient. The management reporting systems annotate each task in the real-time displays to show multiple

allocations and total time is apportioned pro-rata according to the estimated labour/inspection times against each task.

MANAGEMENT MONITORING

Timely, accurate information is key to the effective management of the works order and OASES provides full visibility of all open, suspended and closed tasks. Employee booking histories allow analysis and identification of best practice and assist in identifying training needs. Together, these facilities provide high visibility to managers of changes to the plan, defects raised and their implications and any events likely to prevent planned return to service. Defects become visible at the earliest possible stage allowing early management intervention and mitigation of costs and service disruption events.

EXPERIENCE LOG

All mechanic times can be reported for both base maintenance tasks and defect rectification activities and can be reported as an individual's experience log. In addition, employee experience can be reported using definable defect stage status codes.