



NAVA™

C O S T M A N A G E R

NAVA™ Cost Manager is an integrated web-based solution that consolidates costs (committed, non-committed and actuals) and compares them against budgets, calculating the variances and enable trending and forecasting.

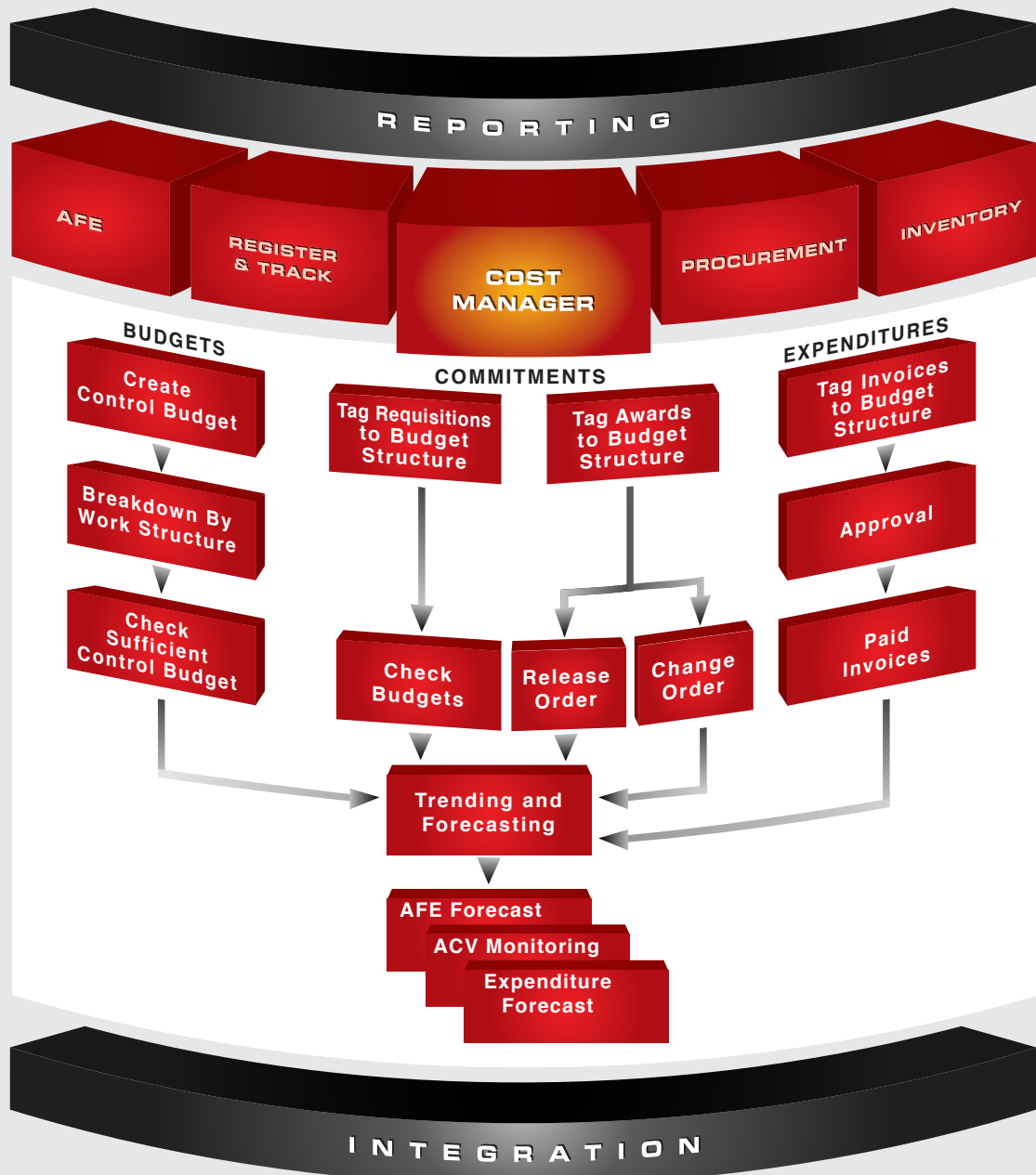
Budget structures can be defined for direct and indirect cost for field operations, regional offices and corporate headquarters. Multi-level budget structures enable tracking and monitoring of costs by activities (G&G, Exploration Drilling, Development, Facilities Project, Production and Operation), AFEs, Cost Centers and Budget Year.

Budget checking can be configured for any event

based on budget structures up-to detail budget lines, helping the company with cost control.

Large scale projects may be executed over a long period of time, therefore require detailed planning and may have many amendments and variations during their life. Changes in purchase orders and contracts are recorded against budget structures and added to the total project cost. Unspent funds can be trended or forecasted which provide control of potential cost overruns.

NAVA™ Cost Manager provides the ability to budget and trend costs before they are committed offering lead time to forecast what is coming.





KEY FEATURES

CAPITAL BUDGETS

Approved capital project budgets can be monitored by activities (G&G, Exploration Drilling, Development, Facilities Project, Production and Operation), AFEs, Cost Centers and Budget Year with the ability to summarise costs to the total project.

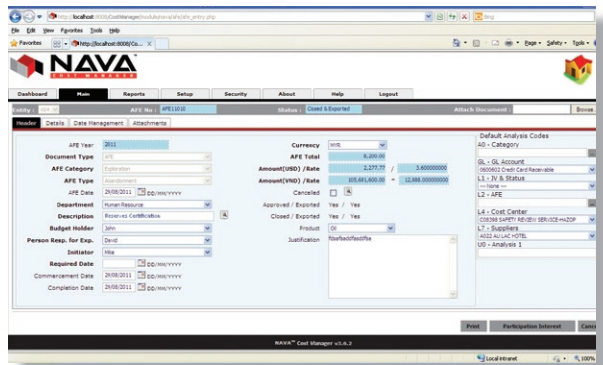
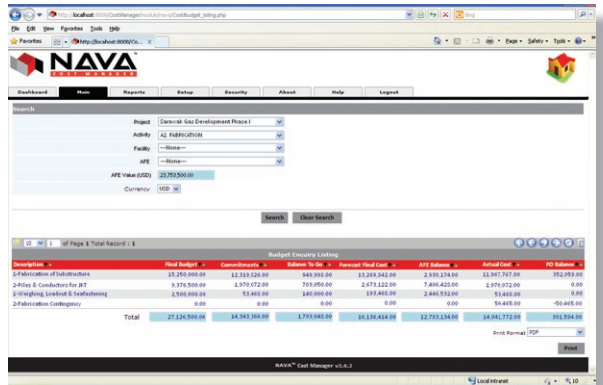
Control budgets can be created for the first level of budgeting before being broken down to the detail level. Control budget checks ensure that the detail budget lines do not exceed the control amount. AFE values are checked against budget values for efficient cost management.

Commitment Report (USD)

29/03/2001 12:27:31

Period Between : 01/01/2001 - 31/12/2001

AFE Title	Approved AFE	Commitment (USD)				Invoices Processed for Approval (USD)			
		Previous Week	This Period	Cumm.	%	Previous Week	This Period	Cumm.	Cumm. / AFE %
		01/01/2001 - 31/07/2001	01/01/2001 - 31/07/2001	01/01/2001 - 31/07/2001		01/01/2001 - 31/07/2001	01/01/2001 - 31/07/2001	01/01/2001 - 31/07/2001	
23002 P990	27,170,000	0	0	0	0	0	0	0	0
13003 Prod Off Assessment	375,000	195,300	0	195,300	11	13,887	0	13,887	11
13002 Reservoir Simulation & Well Testing Engineer	303,000	307,203	0	307,203	81	283,000	0	283,000	82
13110 Engineering Studies	223,300	323,351	0	323,351	81	300,311	0	300,311	70
13111 Oil Engineering Studies	223,300	332,302	103	332,312	81	311,223	0	311,223	72
13112 Pipelines for Gas Project	291,233	122,819	0	122,819	103	338,121	0	338,121	71
13113 Feasibility Study	212,200	281,312	20,208	101,738	110	302,182	3,353	307,535	38
13112 Feasibility Study	207,052	273,819	182	272,001	81	308,202	0	308,202	32
13111 Feasibility Study	208,800	215,701	2,190	218,291	83	208,300	2,190	208,200	36
13111 Optimization	387,000	321,083	0	321,083	83	179,037	0	179,037	23
13002 Mining Winches	333,300	311,912	0	311,912	98	389,931	0	389,931	19
13002 Reservoir Certification	127,731	117,227	0	117,227	62	117,227	0	117,227	82
13002 Reservoir Certification	33,300	30,882	0	30,882	81	30,882	0	30,882	81
13021 Geotechnical Geophysical	806,133	818,220	0	818,220	99	383,728	0	383,728	63



Changes in amount and analysis codes for purchase / service orders and contracts are automatically reflected in the total project cost and can be tracked to the applicable purchase / service order or contract and budget structure. Unspent funds can be trended (with explanations) for each contract or purchase / service order with resulting adjustments to the total project cost.

Invoices and credit notes can be tracked to the applicable purchase / service order or contract and budget structure. Actual costs can be recorded based on project milestones or payment schedules. Variances are generated and used in forecasting.

Invoice By PO Listing (USD)

29/03/2001 14:46:30

AFE: 12245

Revd. Date Range: - -

Project: -

PO No	PO Value (USD)	PO Description	Requested By	AFE Code	Invoice No	Inv Description	Inv Value (USD)	Inv Value (USD)	Total PO Balance Available (USD) (YTD)
30002	1,291,000.00	Invoice - Provision for supplying of report, report and software lease charge	Eric Chen	23332	002480	Invoice - Provision for supplying of report, report and software lease charge 85%	3,402,391.30	1,638,348.00	951,005.00
				23332	00240A	Invoice - Provision for supplying of report, report and software lease charge 2%	261,228.90	30,968.00	121,812.00
				23332	2482	Invoice - Provision for supplying of report, report and software lease charge 95%	411,405.00	171,932.00	0.00
30300	23,000.00	Invoice- Provision for supplying of report, report and software lease charge 2% 307 supplier XUDF marine buoy line		23332	002488	Invoice- Provision for supplying of report, report and software lease charge 2%	4,114,260.00	1,316,180.00	1,204,100.00
				23332	002488	Invoice- Provision for supplying of report, report and software lease charge 2%	28,200.00	25,000.00	0.00
30424	28,329.34	Invoice - Provision for supplying of report, report and software lease charge 2% 307 supplier XUDF marine buoy line		23332	3001210005	Invoice - Provision for supplying of report, report and software lease charge 2%	30,200.00	27,000.00	21,000.00
				23332	3001210005	Invoice - Provision for supplying of report, report and software lease charge 2%	30,491.00	30,329.34	30,329.34
							82,691.00	38,329.34	38,329.34

COSTS

Non-committed costs (requisitions and tenders) and committed costs (purchase / service orders and contracts) are recorded according to the budget structures and used for forecasting.

Budget checking ensures that the costs are monitored and do not exceed budget amount.

Other direct costs such as staff costs, insurance, administrative expenses and inter-company charges that are incurred by the project can be added to the total project cost facilitating forecasts.



Indirect costs such as management, rent, utilities, insurance and administrative expenses not directly incurred by the project or not 100% chargeable to the project including inter-company charges and allocated costs can be included in the project cost estimate.

TRACKING & REPORTING

Expenditure Forecast report provides monthly cost estimates and total project cost to completion allowing analysis by budget structures and avoid potential cost overruns.

AFE Forecast report showing AFEs balance and budgets balance enables cost monitoring for efficient project management.

Expenditure Forecast Report For Year 2009 (USD) - Detailed table with columns for months (Jan 2009 to Dec 2009) and rows for various cost categories like Personnel, Materials, and Equipment.

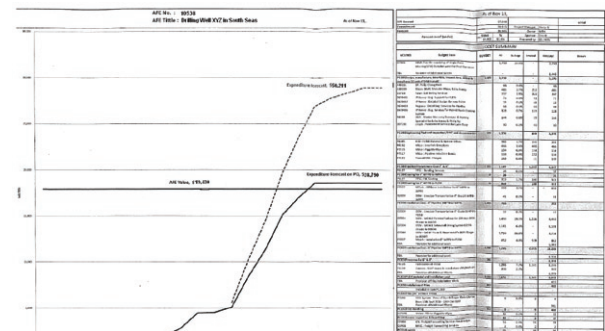
AFE Forecast Report - Table showing AFE values, Budget values, and Forecast values across different project components.

Cash Forecast report and Payment Schedule listing the cost payment schedules offer a better view for cash forecasting.

Cash Forecast - Cost Estimate (in USD) - Table showing monthly cash requirements from Jan 2009 to Apr 2009 with a 'Remarks' column.

Standard reporting includes graphical reports such as AFE and ACV Expenditure Curve by project and activity.

AFE and ACV Expenditure Curve listing project manager, owner, sponsor, procurement analyst, contract engineer, package engineer and utilisation enables tracking and monitoring of cost performance by the relevant authorities.



Variance reporting provides the differences between planned and forecast costs at the account codes, activities, AFEs, cost centers and budget year.

All cost and revenue budgets and performance management data can be consolidated for each operating unit to successive subsidiary business units and to headquarters.



NAVA™ Suite provides a comprehensive range of modules that meet the business process and management needs of your company.

- NAVA™ AFE (Authorisation For Expenditure)
- NAVA™ Register & Track
- NAVA™ Cost Manager
- NAVA™ Procurement
- NAVA™ Inventory

NAVA™ was created with both simplicity and usability in mind. Its success is proven with implementation that required minimum training for end users and system administrators.

Reporting combines information from Infor™ FMS SunSystems and NAVA™, producing consolidated and comprehensive reporting. Multi-currency reporting with transaction, local and base currency cater for companies with world-wide operations.

Seamless integration with Infor™ FMS SunSystems ensures that account codes, analysis codes and business rules are instantly available in NAVA™.

Transactions entered in NAVA™ can be directly uploaded into Infor™ FMS SunSystems without the need of building time consuming and costly interfaces.

APPLICATION FEATURES

- The application is web-based, capable of supporting multiple locations world-wide in real time.
- Comprehensive built-in security supports creation and management of role-based user groups for every key function within the application.
- The application can be fully configured and easily re-configured by system administrators as the business changes and develops.
- NAVATerm™ allows the company to use their own terminology to describe key data elements for ease of use and reference.
- Ready-built standard reports ensure rapid implementation and customised reports allow for enhanced reporting. All reports can be exported into various formats e.g. Microsoft® Excel, Microsoft® Word or PDF.
- Scanned documents can be attached during data entry and form part of the company's document management and control procedures. This includes technical drawings, contracts, purchase orders, invoices, general correspondences and emails.
- Emails alert decision-makers on important milestones i.e. budgetary constraints and status of events in the workflow. Hyperlink provided in the emails brings user directly to the relevant event for further processing.
- A Workflow Dashboard is available and tailored based on the role of the user, providing an overview of events that required processing.
- Application development employs commonly used Microsoft technology running on SQL Server database.



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