Project Control

Summary

General System Features:

* Planning:

- Multi-level WBS including corporate WBS
- Procurement Coding and Reporting
- Function Coding and Reporting
- Import Excel project estimate file

* Procurement:

- ◆ Full Procurement Cycle
- Purchase Order
- Order Tracking
- Expediting

* Receiving:

- Receiving / Incurred for Materials and Services
- Timesheets including On-line Approvals

* Site Warehousing:

Multi-level unlimited item locations

*Accounting:

- Financial Statements
- Cheques
- Foreign Currency

* Controls:

- Restrict User Access to Project, Screens and Reports
- Financial Level of Authority
- Approvals for Transactions
- Bi-lingual and Multi-lingual

* Other Functions and Features:

- Microsoft SQL Server Database
- Web Access to system through Terminal Server
- Comprehensive Reporting including Unit Based Reports
- Reporting to Roll-up Multiple Projects
- Many user definable codes and additional fields
- Integrated with MS Project for Scheduling

PLANNING PROCUREMENT RECEIVING CENTRAL DATABASE

WAREHOUSING ACCOUNTING

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Project Control

Planning

Planning Module Features:

The principle functions of the Planning Module are to set-up the project Work Breakdown Structure, to import estimates, make budget transfers and forecast changes, to enter scope changes, and to enter Purchase Requisitions.

Below is a more complete list of Planning Module features:

- ◆ Multi-level WBS:
 - Corporate WBS of five levels
 - Location WBS of one to four levels used for:

Project Scope Areas

Warehousing Locations

Accounting Category (Asset, Liability ...)

Item WBS of four levels for:

Item and Sub-item codes with the following sub-codes:

Project Phase to group Sub-items

Equipment Code at Item or Sub-item level

Asset Tax Class—for client asset ledger

Sub-item Attributes such as size, capacity, etc

Procurement Code - group similar items

Resource Code—responsibility for action

- Scope Change Register with links to budget and/or forecast
- Budget Transactions
- Forecast Transactions
- Percent Complete at the Sub-item level to calculate:

Earned Value

CPI (Cost Performance Index)

- Back-charge Register
- Purchase Requisition and On-line PR Approval
- Procurement Plan—Overview of Procurement Strategy
- ◆ Planning Grid—on-screen detail and transaction drill-down
- Export to Excel from Planning Grid and Planning Reports
- Project Photographs for viewing progress over time
 Asset Ledger (roll-up indirect cost to direct cost at project completion for owner's plant ledger)

Project management with the right information ...

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Procurement

PLANNING PROCUREMENT SUTTING PROCUREMENT CENTRAL DATABASE WAREHOUSING ACCOUNTING

Procurement Module Features:

The principle functions of the Procurement Module are to record vendor and contractor quotations, to create Purchase Orders, to enter contracts, to expedite PO's, and to enter non-PR PO's and contracts (a short form of ordering if another party is creating the orders).

Below is a more complete list of Procurement Module features:

- Quotation / Tender
- Purchase Order
- Direct Commitment Order (order short form)

Optionally Incur at Time of Order

Recall Previous Order and codes (for recurring orders)

- On-line Order Approval
- Order Tracking
- Contract Variation Order
- Procurement Plan
- Order Expediting
- Account Receivable Order (Billing)
- Procurement Grid—on-screen detail and transaction drill-down
- Export to Excel from Procurement Grid and Procurement Reports



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Receiving

PLANNING PROCUREMENT PROCESSING PLANNING PROCUREMENT PROCESSING PR

Receiving Module Features (Incurred Cost):

The principle functions of the Receiving Module are to record incurred costs against contracts, purchase orders and Contract Variation Orders; enter committed/incurred timesheet hours for employees and equipment. Below is a more complete list of Receiving Module features:

Order Received (PO or Contractor progress)

Transfer to Warehouse or

Issuance of Goods not Warehoused

- ◆ Contract Variation Order Timesheet (T&M or fixed price)
- Employee Timesheet (Administrative)
- Individual Employee Desktop Timesheet Software
 (timesheet data stored in Core Project Control database)
- Equipment Hours
- Record of Over, Short, and Damaged Items
- Over, Short and Damaged Photograph Record
- Accounts Receivable Progress Achieved
- ◆ Receiving Grid——on-screen detail and transaction drill-down
- Export to Receiving Grid Data to Excel



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Feature

Accounting

PLANNING PROCUREMENT RECEIVING CENTRAL DATABASE WAREHOUSING ACCOUNTING

Accounting Module Features:

The principle functions of the Accounting Module are to record invoices, record payments and create cheques, record accounting journal entries, transfer payroll hours to third party payroll software, and to produce financial statements.

Below is a more complete list of Accounting Module features:

- Invoice
- Payment (cheque)
- Journal Entry
- Accounts Receivable Invoice (billing)
- Accounts Receivable Payment Receipt
- ◆ Accounting Grid—on-screen detail and transaction drill-down.



Warehousing

PLANNING PROCUREMENT RECEIVING PLANNING PROCUREMENT RECEIVING RECOUNTING RECOUNTING RECOUNTING

Warehousing Module Features:

The principle functions of the Warehousing Module are to maintain locations of goods transferred from Receiving to the Warehousing Module, maintain quantities on-hand to meet minimum project requirements, issue warehoused material for use on the project and record who received it. Below is a more complete list of Warehousing Module features:

- Assign Received Item to Warehouse Location
- Item Issuance and Record of Shrinkage
- Re-order Quantity
- ◆ Warehousing Grid—on-screen detail and transaction drill-down.
- Export Warehousing Grid Data to Excel

Note that using the internet 'warehouses' can be located anywhere there is internet access. All data will be stored in the same database and be accessible anywhere.

Items are transferred to warehousing through the Receiving Module, items received from Receiving in the Warehousing Module are given warehouse locations in the Warehousing Module.



Scheduling

PLANNING PROCUREMENT RECEIVING CENTRAL DATABASE WAREHOUSING ACCOUNTING

Scheduling Features:

Scheduling is provided by Microsoft Project which uses the same database as Core Project Control.

• When a budget is uploaded to into a project in Core Project Control the user has the option of automatically creating a schedule from the budget in Core Project Control which will appear in Microsoft Project. Future new items added to Core Project Control will automatically be added to Microsoft Project thus keeping the schedule scope and project scope in the cost systems synchronized.

Some scheduling data is visible in Core Project Control screens as well as Microsoft Project screens because they use the same database however scheduling is done in Microsoft Project.



Project Control

Training

PLANNING PROCUREMENT SUITING PROCUREMENT RECEIVING CENTRAL DATABASE WAREHOUSING ACCOUNTING

System and Project Controls Training:

 Core Systems Ltd. offers extensive training in both the Core Project Control software system and in project cost control to enhance customers 'project controls experience.

Core Project Control System Training:

To minimize training cost software training material is organized by chapter grouped into lessons to which customer employees are assigned through a matrix on a need to know basis. For example procurement personnel might only take the introductory lesson and a few procurement lessons.

Lessons include detailed descriptions of the purpose of each chapter and key stroke by key stroke instructions for entering data in classroom training, lesson material can also be used as a desktop manual.

System training can be done at your offices or over the web.

Project Cost Control Training:
 Having the right tool is part of the solution.
 Core Systems Ltd. has extensive experience over many years in project controls for companies with dedicated project controls departments which it can share with customer employees through hands-on training at customer offices.

Our experience ranges from small projects of a few million dollars to large projects of more than a billion dollars in different industries and in a variety of countries.

Services

PLANNING PROCUREMENT RECEIVING CENTRAL DATABASE WAREHOUSING ACCOUNTING

Product Support:

 Core Systems Ltd. Provides customer support to assist users with day-to-day operational situations and in analysis of and correction of problems through email or telephone communication.

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Our timesheet manhour capture is designed to be integrated with your payroll system. Because payroll systems change regularly and each country, state/province has its own tax rules we don 't do payroll but instead offer programming services to automate the transfer of data from Core Project Control to your payroll system.

Product Development:

 We welcome customer feedback as it is an important way to add to and to improve the system for current and future users. Looking ahead and planning are things we do too.

Product development is continuous at Core Systems Ltd. as we add new features making the Core Project Control system you purchase today is an investment in your future.

Although Core project Control includes an extensive set of reports we offer customized report writing to satisfy specific customer needs.

