

Off-the-shelf accounting programs like QuickBooks & Peachtree dominate very small businesses, but as those businesses get larger, these accounting programs' capacities and features can be stretched beyond their intended use. At the same time, large ERP applications like SAP are used in large, complex organizations, and the general view among small businesses is that these applications are beyond their needs and their means.

This is where Omegacube Technologies steps in to fill the middle ground with its PowerERP package, and the product makes a compelling case. The package is an integrated suite of applications that helps small to mid-sized companies run their business in one system. The package is a full featured ERP system offering companies of various types use it to improve their business, maximize efficiency while increasing sales. The software is also customizable to unique needs that a company may have. With a set of powerful features and customizability of the software companies are able to fully automate their business without a need to 3rd party packages.

Here is the current PowerERP component chart:

Costing	CRM	Kanban & Backflushing	Forecasting	Preventive Maintenance	Capacity Planning	Application Configurator
Multiple Business Units	Configurator	Lot Control	Invoicing	ECN and Revision Control	Dashboards	Portals & Ecommerce
Flexible Report Writer	Pricing & Surcharges	MRP	Consignments	Tooling	Key Performance Indicators	EDI
Asset Management	Order Processing	Dimensional Inventory	Supplier Schedules	Time & Attendance	Lean Manufacturing	MS Office Integration
Accounts Receivable	RMA	Scrap & Rework	Reorder Levels	Scheduling & MPS	Business Events & Alerts	Bar-Coding
Accounts Payable	Quotation & Estimating	Purchasing & Subcontracting	Pick-List Processing	Quality Control	Executive Summaries	Document Management
General Ledger	Projects	Requisitions & RFP	Multiple Warehouses	BOM & Routing	Business Intelligence	Mobile Computing
Financials	Sales & Service	Inventory	Distribution	Manufacturing	Business Performance	Technology
PowerERP Components						

Very reasonably priced, PowerERP delivers a fantastic return on your investment when the features, integration, and depth of capabilities are taken into consideration.



Order Entry

- Order blocking due to credit limits and other reasons
- Multiple order type processing: Field service, stock orders, job orders, repair orders, blankets and order releases
- Projects tracking
- Multiple shipto locations per order
- Multiple sales reps per order and commissions processing
- Reserve inventory for orders
- Trigger job creation from orders
- Maintain and compute metal price and surcharge

Estimating and Quoting

- Enter quotes for customers or prospects with expiration control and multiple revisions
- Easily convert quotes into orders
- Estimate raw material, manufacturing costs, options costs, and other miscellaneous costs
- Estimate based on fixed and variable costs with quantity breaks
- Maintain estimating formulas for raw material and labor
- Produce hard copy quotes or email directly from the system

Pricing

- Automatic pricing by line items according to pricing rules with ability to edit
- Recalculate prices of groups of related products if predefined threshold is met
- Setup multiple pricing structures, promotions and discount structures

Shipping

- Produce picking tickets and packing lists
- Produce bill of lading
- Record serial/lot numbers for tracking
- Automatic or manual shipping confirmation
- Default shipping sites by ship-to address

RMA and Customer Returns

- Link return to original shipment
- Assign RMA numbers and track progress
- Track return reason by line item
- Produce credit memos

Contact Management

- Maintain customers and prospects
- Automatic control over converting prospects to customers
- Manage appointments, calls and tasks
- Manage opportunities and sales pipeline
- Manage customer email, documents in centralized location
- Generate mail merge documents
- Schedule reminders
- Manage multiple sales people in centralized database
- Create and execute marketing campaigns
- Create mass mails

Sales Commissions

- Multiple sales reps per order line
- Commissions processing based on order value, cash received, shipments or profitability

Invoicing

- Produce automatically or by user request
- Define invoicing rules according to customer preference – one per order, or shipment
- Issue and track prepayments
- Multiple payment terms
- Track credit card payments

Sales Tax

- Setup sales tax rules and compute automatically
- Generate sales tax reports

Reporting and Analysis

- Standard reports and user-customizable reports
- Integrated business intelligence reports

Comprehensive Product Data

- Product categories and classifications
- MRP profiles
- Definition for serial/lot control, non-inventory items, stocked and purchased items
- Multiple units of measures
- Shipping classification
- Main and alternate Routing/BOM definition
- Customer and vendor part no cross reference
- Integrated document management to store part drawing and pictures

Product and Job Costing

- User-configurable costing methods – standard, actual, last cost
- Variance analysis per item
- Actual production costs
- Multiple cost elements – material, labor, subcontract and overhead

Job Tracking

- Make-to-order, make-to-stock, engineer-to-order job classifications
- Parent and child job linking and tracking
- Shop traveler with bar code ability
- Ability to edit default routings and BOM
- Material lists, cut lists and usage
- WIP tracking
- Comprehensive job cost card
- Scrap and rework reporting
- Tracking subcontracted operations

Data Collection and Time Reporting

- Manual or bar-coded input of labor and real time update
- Exception reporting
- Attendance calculation
- Automatic lot number assignment and bar code label generation
- Backflushing, manual issues with or without lot control

Tooling Database and management

- Comprehensive database to maintain tools
- Tool production and maintenance history logs

Engineering Change

- Revision tracking for finished products, BOM items and routing changes
- Ability to track revision numbers at every level of BOM
- Full history of previous revisions
- Engineering change release
- Where used search and analysis of revision change
- Recalculation of finished product cost based on change of BOM or routings

Quality Control and Corrective Action

- User-defined quality attributes for item or for each operation in routing
- Tolerance and specifications definition
- History of quality inspections stored with job card
- Full lifecycle QC control with DMR
- Print certifications, MSDS and inspection sheets

Maintenance Management

- Plan and generate machine maintenance work orders
- Schedule maintenance work orders
- Track time and material used for maintenance
- Perform preventative maintenance

Document Management

- Integrated document management with job card, product and quality control

Decision Making Tools and Inquiries

- Shortage lists
- Late order analysis
- Cost comparisons
- Work-in process reporting
- Production status reporting
- Allocation details
- Profitability analysis
- Web-based operational dashboard

Product Data

- Smart item numbering
- Multiple units of measure
- Product characteristics definition
- Classification of items
- Attached images and documents
- Multiple costing methods
- Multiple levels of bill of material (BOM)
- Item substitution and options
- Dimensional characteristics

Serialization and Lot Control

- Item specific serial or lot number control
- Complete history of genealogy from vendor to manufacturing to customer
- Serial number history for repairs and returns
- Warranty tracking by serial numbers
- Lot splitting

Location/Bin Management

- Flexible location numbering
- Dedicated and dynamic location numbers
- Suggested put away and picking location assignments
- Consigned inventory tracking at vendors and customers
- Immediate, delayed or blocked access

Inventory Balances

- On-hand and available
- Allocated and reserved
- On-order and in-transit
- Inspection or storage

Physical Counting

- Cycle and annual counts
- Enter, review and validate physical counts
- Maintain last count data by item
- Bar-code supported inventory counting

Inventory Movements and Transactions

- Transfer between locations
- Transfer between plants
- Material Reservation
- Consignment transaction
- Receiving and put away
- Inventory adjustments
- Scrap transactions

Stock Inquiries

- Quantities by warehouse and locations
- Serial numbers and lots
- Allocation details
- Stock movements
- Available to promise
- Projected stock quantities

Material Replenishment

- Calculates reorder points and EOQ
- User defined safety stock
- Calculates period of coverage and lot sizes
- Supports min/max
- MRP computations

Kanban Control

- Kanban cards managed electronically
- Replenishment of Kanban in Purchasing, Finished Goods, Material Movements

Reporting and Analysis

- Standard reports and user-editable reports
- Complete history with drill down capability
- Integrated business intelligence reports

Material Requirements (MRP)

- MRP profile for individual items
- Multi-level BOM explosion for MRP computation
- Purchasing, sales orders, jobs, master production schedule (MPS) and forecast used for MRP
- User-defined planning horizon
- Automatic creation of requisitions, PO and job
- Requirements pegging
- Color coded results for easy visualization
- Run MRP for one or all items
- MRP by individual or all companies
- Flexible reporting
- Predictive on hand calculations

Production Scheduling

- Finite capacity or infinite capacity
- Forward and backward scheduling
- Handle multi-level assembly
- Handle concurrent operations
- Handle Tool and resource requirement
- Use alternate routings for scheduling
- User-defined raw material and manufacturing lead times
- Drag and drop schedules
- Assign firm jobs
- Work center loading
- Gantt chart

Schedule Optimization

- User specified optimization constraints
- Resource optimization
- Work center and setup optimization
- Parallel operations
- Block invoices from payments

Project Management

- Internal or customer specific projects
- Define project tasks and work break downs
- Resource definitions
- Project status tracking
- User defined time lines and task dependencies
- Time reporting
- Cost tracking
- Project specific document tracking
- Link projects to sales orders, purchasing and accounting

Reporting and Analysis

- Standard reports and user-editable reports
- Complete history with drill down capability
- Integrated business intelligence reports

Purchase Order Entry

- Manually enter PO's or duplicate a previous PO
- Deliver to internal sites, consignment locations and customers (direct shipments)
- Multiple PO types – direct PO's, subcontract
- Delivery dates by line items and blanket PO's
- Direct Po's for jobs
- Automatic line items pricing based on user-defined pricing rules
- Issue purchase orders – hardcopy or electronic
- Order status inquiries by PO, supplier or product
- Blanket PO's with releases
- Approved vendor list

Purchase Requisitions and RFQ

- Create requisitions with default supplier
- Approval process for requisitions
- Automatic conversion of requisitions to PO upon approval or request for quote
- Multiple line items and vendors per RFQ
- Review and approve awards to vendors on an RFQ and convert to PO

Receiving

- Receive by PO, due dates
- Assign put away locations
- Record lot numbers and serial numbers
- Inspect QC materials
- Receive full or partial quantities, option to disallow over-receipts
- Real time update to inventory
- Receive using bar coding

Subcontracting

- Process subcontracted operations of a job
- Process subcontracted assemblies
- Ship raw material to vendors
- Track inventory at vendors
- Direct cost allocation to jobs when material is bought for jobs
- Auto issue received material to jobs

Supplier Returns

- Enter manually or copy from PO/receipts
- Track return reasons
- User-defined rules to replenish original PO
- Credit memo generation

Pricing and Unit of Measure

- Automatic pricing by line items according to pricing rules
- Automatic computation of discounts
- Volume pricing and lot pricing
- Price effectively dates
- Purchasing and pricing unit of measures

Supplier Performance Measurements

- On-time deliveries and lead times
- Price history
- Rejection rates and quality history

Accounting Integration

- Track invoices to be received
- Load lines from PO or receipt
- Match invoice to PO and receipt information
- Online update of GL when validating invoices
- Post invoice variances automatically
- Update inventory receipt costs

Reporting and Analysis

- Open purchase orders, purchase requests, RFQ, receipt lists
- Standard reports and user-editable reports
- Complete history with drill down capability
- Integrated business intelligence reports

Multi-Company Processing

- Multiple business units, plants and warehouses
- Unique accounting structures for each company
- Inter-company transactions
- Consolidate results
- Financial reporting for each company

Journals and Chart of Accounts

- Multiple level account structures
- Manual journal entries with user-defined journal codes
- Recurring and reversing journals – fixed by periods or variables
- Online journal with complete tracing to source documents and audit trail
- Drill-down to varying levels of details to review account activity

Budgeting

- By company
- Actual vs. budget comparisons
- Enter manually, import from spreadsheets
- Adjust budgets based on monthly weighting factors

Financial Reporting and Analysis

- Operating statements and balance sheets
- Standard financial reports – like trial balance
- Inquiry screens and printed reports
- User-defined reporting periods and accounts
- Consolidated, and company level reporting
- Financial report writer
- Integrated business intelligence reports
- Drill-down capability

Integrated with Sales and Purchasing

- Automatic generation of receivable and payable items from sales and purchasing
- Multiple invoice types – sales, purchases, credit, returns, miscellaneous
- Complete matching of AR and AP invoices with shipments and goods receipts
- One time customer and vendor processing

Flexible AR Process

- Apply sales and expenses directly to GL account numbers
- Automatic credit memos for returned goods
- Automatic payment matching
- Apply cash by Bill to, full and partial payments
- Auto calculation of discounts with ability to override
- Bank deposit processing
- Sort items by due dates, invoice numbers
- Create statements and dunning letters
- Receive and apply down payments and advances

Flexible Payment Terms

- User-defined rules for calculating document due dates
- Share terms between AR and AP
- Edit default payment terms
- Process COD, credit card and cash payments

Flexible AP Process

- 2 way match of AP invoice with goods receipts
- Batch or manual payment processing
- Automatic calculation of discounts
- Write checks to one-time vendors
- Down payment processing, Full or partial payments
- Printing checks using laser, dot-matrix or other methods
- Review check batch before printing checks
- Write checks from multiple bank accounts, and credit lines
- Block invoices from payments

Bank Reconciliation

- Reconcile bank account to statements
- Reconciliation history stored on-line

Reporting and Analysis

- Standard reports and user-editable reports
- Complete history with drill down capability
- Integrated business intelligence reports

Bar Coding

- Several bar code devices supported – Connected, Wireless, RF
- Bar codes supported in receiving, shipping, labor reporting, production reporting

EDI

- EDI enabled with in-house software or hosted software
- Multiple interface options - direct, text, XML based
- ASP option supported
- EDI for multiple trading partners
- Commonly used transactions enabled for EDI – orders, release, ASN, invoices

Email

- Emailing using Outlook and native software
- User-configurable emailing of orders, PO, invoices, packing slips and other standard forms
- Email any report
- Email saved into database in CRM
- Use outlook or database address book

Integrated Faxing

- Workstation or server based
- Automate outbound and inbound faxes
- Online viewing and forwarding of faxes

Document Management

- Integrated document management
- Store images, faxes, pictures, PDF and any other electronic documents

Hand Held Technology

- Support for any Pocket PC, Windows CE or Palm devices
- Enter orders, inventory counts offline and synchronize with the server
- Remotely send data using any internet connection for field service
- Print receipts and invoices at customer site

MS Office Integration

- Integration with Word and Excel
- Mail merge letters, labels, envelopes
- Develop mailing lists
- Use word templates
- Read and write from Excel worksheets and cells

Data Collection

- Interface to machine data collection
- Send and receive data from machine mounted computers
- Integrate with machine meters

e-Commerce and Portals

- Setup e-commerce sites or intranets
- Provide online orders, RFQ, PO, Job and Inventory status
- Allow access to customer and supplier data securely

Event Manager

- Setup business events and alerts
- Responses sent to internal or external users
- User-defined event triggers and alerts
- Provide immediate and accurate information to key personnel

Credit Card Transactions

- Process credit cards using Verisign service
- Credit card processed through 1 click interface in order processing module

Lock-Box Processing

- Automatically imports and applies customer payment information from a lockbox transaction file provided by the bank.
- The matching process automatically matches invoices numbers from the transaction file
- Any unmatched transactions can be processed as unapplied payments