



# PENTAGON 2000SQL

SOFTWARE EMPOWERING THE ENTERPRISE

Total Electronics Software Solutions

Powered By **PENTAGON 2000SQL** :

Inventory  
Management



Parts  
Distribution



Parts  
Brokerage



Accounting &  
Financials



Build-to-Print  
Manufacturing



Value Added  
Fabrication



Imaging &  
Multimedia



E-commerce



CRM

ONE SYSTEM

ONE SOLUTION

ONE TIME

## About PENTAGON 2000 Software, Inc.

PENTAGON 2000 Software, Inc. is a leading vendor of enterprise software systems used in the electronics, aerospace, defense and related high technology industries. Our software provides fully integrated control and visibility within and across an enterprise, enabling significant improvements in efficiency, productivity and financial performance. For close to twenty years, Pentagon 2000 Software, Inc. has focused on creating software that fully supports the day-to-day operational requirements and strategic vision of hundreds of companies worldwide.

PENTAGON 2000's total software solution is always improving. Development is guided by the operational requirements and best practices of our customers, who rank among the leading companies in the electronics and international trade of high technology products. The system runs in the Microsoft® SQL Server environment and fosters user compliance with FAA, EASA, TC, U.S. DoD, APICS, Six Sigma, IFRS and GAAP regulations, guidelines and recommended procedures.

PENTAGON 2000SQL is the leading, integrated software solution for an entire enterprise or functional business unit engaged in any, or all of the following operations or activities:

- Parts & Components Suppliers and Brokers
- Stocking Distributors
- Logistics Services Providers
- Value Added Fabricators
- Shortage Specialists
- Build-to-Print Manufacturers
- Government Contract Support
- Excess Inventory Managers
- Manufacturers Representatives
- Contract Manufacturing

RESPECT FOR THE INDIVIDUAL  
CUSTOMER SERVICE  
EXCELLENCE

**TOTAL ELECTRONICS SOFTWARE SOLUTIONS**

# Materials Management - Parts Distribution & Brokering

- Full and Complete RoHS Compliance
- Unlimited Parts / 30 Character Part Numbers
- Lifetime Part Revision Control and Lifetime Traceability
- Part Search by Multiple, User Defined Filters
- Extensive On-Line Electronic Catalog
- Extensive, Integrated Offers Database Providing Online Quick Access
- On-Screen, Lifetime History of all Part / Lot Transactions
- On-Screen, Lifetime Date Code Indicators Tracking
- Unlimited, Rules-Based P/N Alternates (X-Refs) with Interchangeability Control
- Item / Lot Level Costing by Average / Standard / Actual / LIFO / FIFO
- Unlimited Physical and Virtual Warehouses
- Fully Integrated Bar Code Capability
- Automated Unit of Measure (UM) Conversion
- Integrated Bills of Material with Unlimited BoM Levels and "BoM Inheritance"
- Warranty Tracking and Shelf Life Tracking by P/N and/or Lot
- Integrated Part Configuration Management and Engineering Library Control
- Unlimited Part Categories / Unlimited Attached Notes, Messages and Memos
- End-to-End Management of "Brokered" and "From Stock" Supply Transactions
- One-time Data Entry for all Transactions
- Full Transaction Cycle Audit History
- Advanced Part Sourcing Algorithms with Massive RFQ Broadcast
- Seamless Integration with External Data Services
- Unlimited Bill-To / Ship-To / Pay-To Addresses
- Integrated Expediting and Follow-up Tools for all Transactions
- Consolidated Invoices and Shipping Documents
- Integrated Warranty, RMA and Claim Processing
- Integrated Commission Processing
- Includes Electronic Forms for all Transactions
- Pre-formatted Shipping, Customs, DoD Forms
- Complete Support of ISO and other Q/A Standards
- Accommodates US, European, Canadian and Other Tax Regulations
- Full Multiple Currency Support for all Transactions and Records
- Hundreds of User-Defined, Exportable Reports
- Built-in Data Import / Export Utilities
- On-board Email, Fax, XML Document Delivery



PENTAGON 2000SQL is quite simply the electronics industry standard for off-the-shelf materials management software. With a full suite of industry-specific and general business modules, PENTAGON 2000SQL provides all materials management, supply chain management, fabrications, traceability, quality assurance and business functions in a single system.



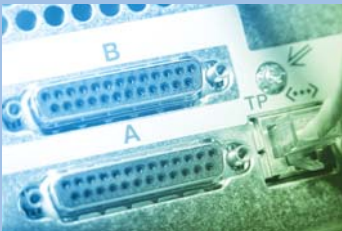
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# Special Inventory & Quality Assurance

**PENTAGON 2000SQL's special inventory functions integrate seamlessly, ensuring a total software solution that closely matches your unique business processes, with the flexibility to adapt to changing needs.**



## CONSIGNMENTS MANAGEMENT

- Complete Management of Multiple Consigned Inventories
- Unlimited, Segregated Consigned Inventories
- Electronic Import of Consigned Inventory
- Fully Automated Processing of Consignor and Consignee Split
- On-Line Consignment Balances, Sales and Statistics
- Fully Barcode Enabled

## LOT PURCHASE MANAGEMENT

- Complete Management of Multiple Purchased Lots
- Fully Integrated with Materials Management and Accounting
- Unlimited, Segregated Lots
- Automated Lot Costing with Override
- On-Line Lot Balances, Lot Sales and Lot Procurement Statistics
- Transaction Line and Lot Valuation Linked to General Ledger

## OFF-SITE INVENTORY FULFILLMENT

- Complete Management of Remote Warehouses
- Fully Integrated with Live System Data for Automatic Notifications
- Unlimited, Segregated Lots, Multiple Sites, Multiple Customers
- Advanced Warehouse Transfer Facilities to Remote Fulfillment Sites
- Online, Real Time Transport Shipment Tracking
- Proactive and Passive Bin Replenishments

## QUALITY ASSURANCE

- Full and Complete RoHS Compliance
- Robust System-wide, Role-based Access and User Control
- Lifetime Full Traceability and Part Revision Control
- Embedded Alerts for Procedure and Transaction Violations
- Automatic, Protected, End-to-End Transaction Cycle History
- Fully Integrated Customer RMA and Vendor Claim Processing
- Automatic Vendor Quality Audit and Supply Chain Performance Reporting
- Tools and Equipment Calibration Tracking and Control

## DOCUMENT MANAGEMENT, IMAGING and MULTIMEDIA

- Complete Integration of In-house and Supplier Originating Documentation
- Accepts All Windows Compatible Image, Video and Audio Files
- Links Images to Customer, Vendor, Parts, Serial No. and Warehouse Locations
- Scan, Link Images to Receiver / Shipper / Aircraft / Work Order and more
- Integrated Engineering Library Control
- Supports Training Videos and Audio Instructions
- One-step Document Scanning with Automated Image Indexing

# Accounting and Financials

- Entirely Developed and Maintained by Pentagon 2000 Software, Inc.
- Fully Integrated with All Applicable System Modules
- Supports Multi-Company / Division / Department Environments
- Supports Transactions and Valuations in Multiple Currencies
- Tracks Item Specific ("Real"), LIFO, FIFO and Average Costs
- Complete A/R, A/P and General Ledger Modules
- Options for Burden / Overhead Allocation
- Flexible Accounting Fiscal Year / Period Set-up
- Powerful, Flexible Security and Access Control
- Fixed Assets Management
- Advanced Cost Accounting Functionality
- Flexible, User Friendly Financial Reports Writer
- Multi-Level G/L Code Hierarchy
- Unlimited Journal Entries, General Ledger Transactions
- Supports Work-in-Process Inventory and Labor Costs Tracking
- Automated Recurring Entries
- Automated Bank Reconciliation
- Multi-Bank, Multi-Checkbook Capabilities
- Integrated Check Writer
- Full Support for European VAT and Other Tax Reporting Requirements
- On-Line Customer / Vendor Payment Statistics
- Supports GAAP, IFRS and Sarbanes-Oxley Compliance
- Advanced Commission Based Cost Accounting

**Operating according to generally accepted accounting practices is the acid test of your business. Pentagon 2000SQL's accounting and financial reporting functions are fully developed and maintained in-house to assure complete integration with all system modules. Thus, data is only entered once, flows to where it belongs and is easy to access for decision making and reporting.**



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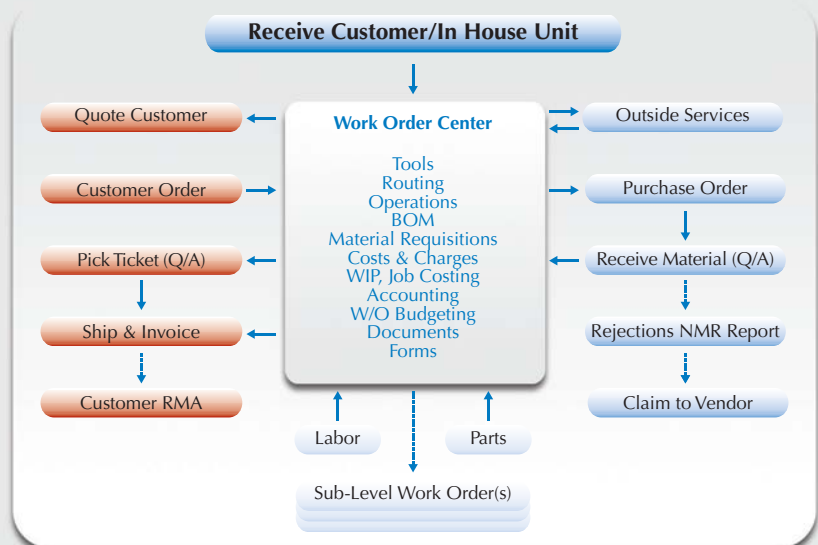


# Work Orders - Manufacturing / Kitting / Repair

For maximum productivity and profit, every element of your complex operation must interact continuously, seamlessly and efficiently. PENTAGON 2000SQL is based entirely on the requirements and suggestions of thousands of electronics professionals and has been continuously improved since its introduction in 1986. The software is easy to use and fully supports every aspect of your operation Out-of-the-Box.



- Complete Control of Overhaul, Repair, Manufacturing and Kitting
- Supports Straight, Single and Multi-level W/Os
- Accommodates Planned and Unplanned Job Steps
- Incorporates Multiple Bills of Materials and Routing Templates
- User Defined Routing / Traveler Steps with Unlimited Instructions
- Integrated Teardown, Inspection, Discrepancy and Bill of Material Forms
- Links to Manuals, Drawings and Technical Specs
- Fully Bar Code Enabled (Labor, Material and Routings)
- Integrated Real Time Electronic Labor Collection
- Automatic Material Requisitions and Pick Tickets
- Accommodates Multiple Shifts, Skill Levels and Labor Rates
- Work Center, Machine, Equipment and Tooling Assignments
- Flexible Options for Progress Billing and Partial Builds
- Full Process Support of ISO 9001:2000 and other Q/A Programs
- Email / Fax / XML / Print All Documentation
- Comprehensive Shop Floor Analysis, Materials and Labor Reporting
- Integrates with MS Project
- Complete Integration with Outside Services Management
- Full Part Traceability Maintained through P/N and S/N Conversions
- Labor and Cost Budgeting with Automatic Notifications for Budget Overruns
- Extensive Reporting Capabilities: Plan vs. Actual, Profits, Labor Efficiency
- Easy Data Transfers Between Work Order and Work Orders Templates
- Extensive Search Capabilities for Main and Sub Assemblies.



# Enhancing Productivity

## COMMUNICATIONS

- International Fax Server with Local Transmitters
- Email Services
- XML Based Document Delivery
- Customer / Vendor Call Tracking
- Triggered Notifications
- Executive Dashboard
- Events Management
- Credit Card Automation
- Import / Export of Large Data Files
- Full Lifecycle Traceability with Complete Visibility
- Transaction Based Calls and Events
- Web Interface to External Data Providers
- PDA Integration
- Wireless Connectivity
- Barcode Enabled

## E-COMMERCE

- Advanced, Web-based Supply Chain Portal
- Internet Parts Query and Sourcing with Unlimited Alternatives
- Real Time Stock Status Inquiry with Imagery
- Online Technical Data
- Confirm Condition; Traceability, Origin, Serial No. and Lot
- Internet Parts Ordering for Remote Offices, Customers and Vendors
- Create RFQs, Review Quotes and Place Orders
- Track Work-in-Process, In-house and Outside
- Pinpoint Shipment Status and Location
- Review Open and Closed Quotes and Orders
- Online Inventory / Quotes / Sales History
- Robust Security with Full Password Control
- Built with Cutting Edge SQL, JAVA, HTML and XML Technology

## CRM - CUSTOMER RELATIONSHIP MANAGEMENT

Pentagon 2000 CRM application provides a user friendly, feature-rich environment for tracking and guiding sales and marketing personnel through the sales process from Leads Management through Sales and Account Management to ongoing analysis of the effectiveness of your sales and marketing programs.

PENTAGON 2000SQL CRM seamlessly integrates with Accounting, Materials Management, Operations, Quality Assurance Tracking letting you capitalize on every customer interaction to increase efficiency, productivity, profitability and customer satisfaction throughout your organization.

**PENTAGON 2000SQL ERP + CRM = A Winning Synergy**



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