
The MMS Suite

Application Software Solutions



PTSOFT INC.

Description of Application Software

OVERVIEW

PTSOFT has been successful in implementing solutions for a diversity of manufacturing and distribution enterprises for over twenty years. Our suite of applications are grouped into five components:

- ◆ **Manufacturing**
- ◆ **Engineering**
- ◆ **Sales**
- ◆ **Purchasing**
- ◆ **Finance**

PTSOFT meets the application requirements of its customers by utilizing a **full featured software package**. The standard software approach allows our customers to take advantage of the **enhanced functions** of the package and avoid the cost, risk, overhead and time associated with custom system development projects. Customer-specific modifications can be developed to address a customers' unique business practices.

PTSOFT application components have been designed as a **completely integrated**, rather than interfaced, **business system solution**. The components exploit the **high-performance** and **high efficiency** features of the underlying Unidata relational database management system.

The system is **fully interactive** and all applications can be processed concurrently.

Completely interactive and multitasking, our enterprise resource planning system provides you with **the latest management information, with more functionality than competing systems, at a fraction of the cost**.

A summary description of the application components comprising PTSOFT's **enterprise business system** are listed on the next few pages.



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MANUFACTURING

The Manufacturing Management System is a fully integrated set of modules that enables efficient manufacturing processes for companies of all sizes.

1. PRODUCTION REPORTING (LABX)

- Provides for entry and reporting of shop floor labour details.
- Updates released work orders (if configured), and inventory.

2. TIME AND ATTENDANCE (T&A)

- Collects employee attendance information.
- Receives input from Time Card entry function and bar code information from the Shop Floor Data Collection modules.

3. VIRTUAL KEYBOARD INTERFACE(VKI)

- Allows PCs or terminals to act as Bar Code Scanning Devices.
- Simplifies the entry screen in connection with the LABX module for shop floor personnel.

4. PRODUCTION ACTIVITY CONTROL(PAC)

- Tracks work orders which may include instant Bills of Materials and Routings.
- Links work orders to the JOB module in order to track project specific costs.

5. REPETITIVE PRODUCTION SCHEDULING (RPSX)

- Utilizes a combination of interactive master scheduling with net change material requirements planning.
- Enters planned schedules as daily production rates over a specified time period.
- Integrates with other modules for collection of supply and demand information -- purchase orders, purchase releases, customer orders and production work orders.



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MANUFACTURING (Continued)

6. CAPACITY PLANNING (CAPX)

- Manages machine and manpower resources.
- Identifies work center under/overload.
- Generates comprehensive reports for production analysis.

7. BAR CODE PRINTING SYSTEM (BAR)

- Produces bar codes and other graphical labels in an on-demand or batch printing environment.
- Supports AIAG, UPC and 3 of 9.
- Integrates with receiving, shipping and inventory module.
- Tracks and sequences part serial numbers.

8. SHOP FLOOR DATA COLLECTION (SFDC)

- Manages the network of data collection devices.
- Allows for communication of bar code information to other PTSOFT software modules.
- Loads required prompt sequences to scanners and readers.
- Facilitates re-configuring of shop floor network.
- Feedsback information instantly which provides totally up to date manufacturing and inventory status.



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ENGINEERING

PTSOFTEngineering allows you to maintain product design for all parts, establish plant resources and introduce engineering changes as they are needed.

1. ENGINEERING DATA CONTROL (EDC)

- Provides a foundation of the Manufacturing Management System.
- Captures engineering master information files for all parts.
- Maintains structure for all manufactured parts (Bill of Material).
- Preserves information on manufacturing processes (Routing).

2. ENGINEERING CHANGE CONTROL(ECC)

- Allows changes to Bills of Material to be planned based on future effective date.
- Tracks history of all changes for a part.

3. STANDARD COSTING (COST)

- Calculates required costs and provides summary information for accurate manufacturing and accounting management.
- Enables the creation, accessing and reporting of current and standard material, labor, overhead and miscellaneous costs for each part.
- Subtotals product costs at each stage of the manufacturing process.
- Retains costs for inventory valuation and reporting.
- Provides complete flexibility for definition of user-defined costing elements.

4. INVENTORY MANAGEMENT (INVX)

- Preserves precise ongoing information for all inventory requirements.
- Monitors inventory from receipt and storage through production to shipping at a level determined by user needs.
- Provides a configuration to handle inventory for both manufacturing and/or distribution environments.

5. PHYSICAL INVENTORY (PHYS)

- Supports tag-based physical inventory for stock room and in-process inventory.
- Provides controlled updates of perpetual inventory balances.
- Allows retroactive updates during this critical business cycle.



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SALES

PTSOFT Sales is a comprehensive and flexible tool for tracking, analysing and reporting sales activities.

1. ORDER PROCESSING(ORDX)

- Processes many types of orders (regular, blanket, consignment, drop shipment, etc.).
- Handles an infinite number of pricing strategies.
- Tailors workflow to operations.
- Backorders short shipments as defined by customers.

2. AUTOMOTIVE RELEASE ACCOUNTING(AUTO)

- Analyzes, summarizes and reports on customer demand received through EDI and entered manually.
- Generates a shipping plan automatically based on current and behind schedule requirements, cumulative quantities shipped, JIT schedules and standard pack sizes.
- Communicates bi-synchronously for receiving customer releases and transmitting advanced shipment notifications (ASN's).

3. ELECTRONIC DATA INTERCHANGE (EDI)

- Meets AIAG industry standards.
- Transmits orders, shipment notifications and freight invoices.
- Integrates with other software modules.
- Addresses the needs of all major automotive manufacturers and suppliers.

4. SALES FORECASTING (FORE)

- Maintains forecasts by part or by product group.
- Accommodates specific dates or arbitrary time periods.



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PURCHASING

Our powerful Purchasing solution gives you control of the entire procurement cycle - from requisitions to receipts, allowing you to focus on developing strategic supplier relationships and manage the procurement process.

1. PURCHASING (PURCH)

- Controls the process of entering purchase orders through to the recording of receipts.
- Uses receipt details for purchase history analysis.
- Provides easy access to purchase order information through on-line inquiries and reports.
- Provides invoice verification and variance reporting through interaction with Accounts Payable.

2. PURCHASE REQUISITIONS (PREQ)

- Allows multiple vendor quotations per requisition.
- Faxes automatically to selected vendors.
- Provides detailed quotation comparisons.
- Generates standard or blanket purchase orders.

3. FAX MODULE (FAX)

- Faxes directly Purchase Orders etc. directly from the system in an on-line environment.
- Integrates FAX software tool kit with applications software suite.



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FINANCE

Our well respected Financial Management System is an integrated component set that provides automatic end-to-end flow of each business transaction, enabling efficiency of financial practices for companies of all sizes.

1. ACCOUNTS RECEIVABLE (ARX)

- Tracks invoice open items and customer payments.
- Provides extensive inquiry, credit checking, credit logging and reporting.

2. ACCOUNTS PAYABLE (APPO)

- Traces supplier invoices and payments in a single or multi-company environment.
- Matches supplier invoices to receipts to track cost variances.

3. GENERAL LEDGER (GLX)

- Tracks and reports all financial transactions.
- Creates user-defined reports using a Report Writer for financial statements.

4. PAYROLL (PAY)

- Handles intricate, different frequency pay structures with appropriate types of taxes, deductions and earnings.
- Provides extensive on-line inquiry and reporting.
- Generates automatic departmental totals for pay periods, monthly summaries of earnings and deductions.

5. HUMAN RESOURCES (HR)

- Tracks employee qualifications, education, disciplinary actions, etc.

6. FIXED ASSET CONTROL (FACS)

- Controls both financial and non-financial information of company assets.
- Accommodates many depreciation methods.
- Calculates automatically depreciation charges.

7. PROJECT COSTING(JOB)

- Allows for projects (jobs) to be established with sub-projects.
- Provides budget revisions capabilities.



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