SYSPRO™

Simplifying
your Success

SYSPRO the company

Proven reliability in developing software which helps businesses grow

In a world where success demands the optimal use of resources and in which the resource planning system is seen as the backbone of an organization, it is important to have a technology supplier that anticipates your needs and can deliver the enterprise business application that efficiently meets or exceeds the requirements of your business. SYSPRO is such a software development company, providing a fully integrated business software solution.

SYSPRO is the largest independent, international supplier of enterprise business solutions that provide complete control over the planning and management of all facets of business including accounting, manufacturing and distribution operations in a variety of industries.

The SYSPRO offering includes a wide range of feature-rich solutions that use a building block approach to form a tightly integrated front and back office business management system. Our solutions integrate the core business processes of an organization and provide links to other systems and organizations, upstream and downstream in the supply chain.

For over 30 years SYSPRO has continually interpreted market trends, resulting in an up-to-date enterprise business application that incorporates the latest technologies, such as Microsoft .NET, XML and Web Services. Our thought leadership approach also ensures that we continually deliver the latest IT trends including meeting Services Oriented Architecture requirements.

SYSPRO takes pride in the fact that we are a true technology partner to our customers, without losing sight of the importance of the personal relationship. Our focus on single and multi-sites as well as our specialization in multiple industry verticals is a source of our success. SYSPRO gives 360 degree, real-time visibility into simple and complex processes throughout the supply chain.

Software is about people… the most precious resource

Your people, in different functions and at different organization levels, will deliver credible real-time results through the use of simple, easy-to-use, tailorable screens. They will be trained, easily and quickly as part of an interactively managed implementation process, to an initial level of competence.

Support network

You will find our people to be focused, responsive, reliable and truly dedicated. SYSPRO offices around the world cater for the individual needs of geographically-defined regions. Our software is offered through networks of locally-based, highly qualified, resourceful and expert business partners, as well as through specifically personalized collaborative teams, when dealing with larger entities.

Implementing SYSPRO

A structured approach has been developed to help reduce the time and cost of implementing SYSPRO. This proven methodology encourages responsibility and accountability, and promotes action to help management keep budgets and timescales on track. Procedures can be documented to assist in implementation and future maintenance, as well as providing the standards to assist with training new employees.

SYSPRO the solution

Product development

Enhancements to the SYSPRO product are determined by a worldwide design committee which concentrates on current users' needs and identifies world trends to anticipate users' aspirations and industry-specific requirements. Within SYSPRO we acknowledge the need for openness to ensure operational solutions that successfully compete in today's highly competitive environment; and our customers are part of an immense global forum where everyone has an interest in seeing the product improved.

Affordable solutions

The modular nature of SYSPRO's multi-platform software provides scalability and flexibility and allows an enterprise to select only those functions needed to increase operational control and efficiency.

In adopting the SYSPRO approach, you can look forward to a highly affordable solution in Total Cost of Ownership (TCO) terms, which will quickly deliver improved productivities and the cost of efficiencies that new economy markets demand.

Tailored solutions that can be configured to your requirements

Our customers and prospects increasingly expect a greater level of customization within the solutions they buy. They want control over the look and feel of the user interface and want to be able to incorporate their own data and their own special ways of processing that data in SYSPRO.

SYSPRO recognizes this need and has developed a software solution that is capable of being tailored to suit customer requirements. SYSPRO provides a number of facilities and features that enable the system to be configured according to individual users' needs.

These facilities include:
- Set-up options that allow every solution in the system to be configured as required
- Security rules that allow you to protect your business processes (and your data)
- Tailorable menu systems that allow users to create their own spaces
- Tailorable queries and listviews that allow information to be organized and rearranged in a way that is meaningful to the user
- Event-driven triggers and events that allow applications to be launched at pre-determined exit points from within SYSPRO
- SYSPRO e.net solutions - a component architecture designed to allow SYSPRO functionality to be accessed and utilized by other applications and technologies such as Microsoft.NET and which provides a way to create customized versions of SYSPRO functionality
- Tailoring that can be saved at any designated level - operator, group, company, role level.

SYSPRO THE SOLUTION

SYSPRO THE SOLUTION

Protecting your data

The entire SYSPRO system is protected by different operator security levels and encrypted passwords. Operator access to solutions and programs is restricted through the group to which they belong. Advanced security options limit operator access to individual posting transactions and the querying of selected Warehouses, Accounts Payable and Accounts Receivable Branches, Bank Codes and Job Classifications. Within programs where there are a number of activities, operators can be restricted to selected activities and selected fields.

Electronic Signatures enable you to secure transactions by authenticating the operator who is performing the transaction. You can additionally configure the system to maintain a transaction log for auditing purposes as well as activate triggers for integration to third-party systems or notification via e-mail. Electronic Signatures can be configured at system, company, group, roles or operator level.
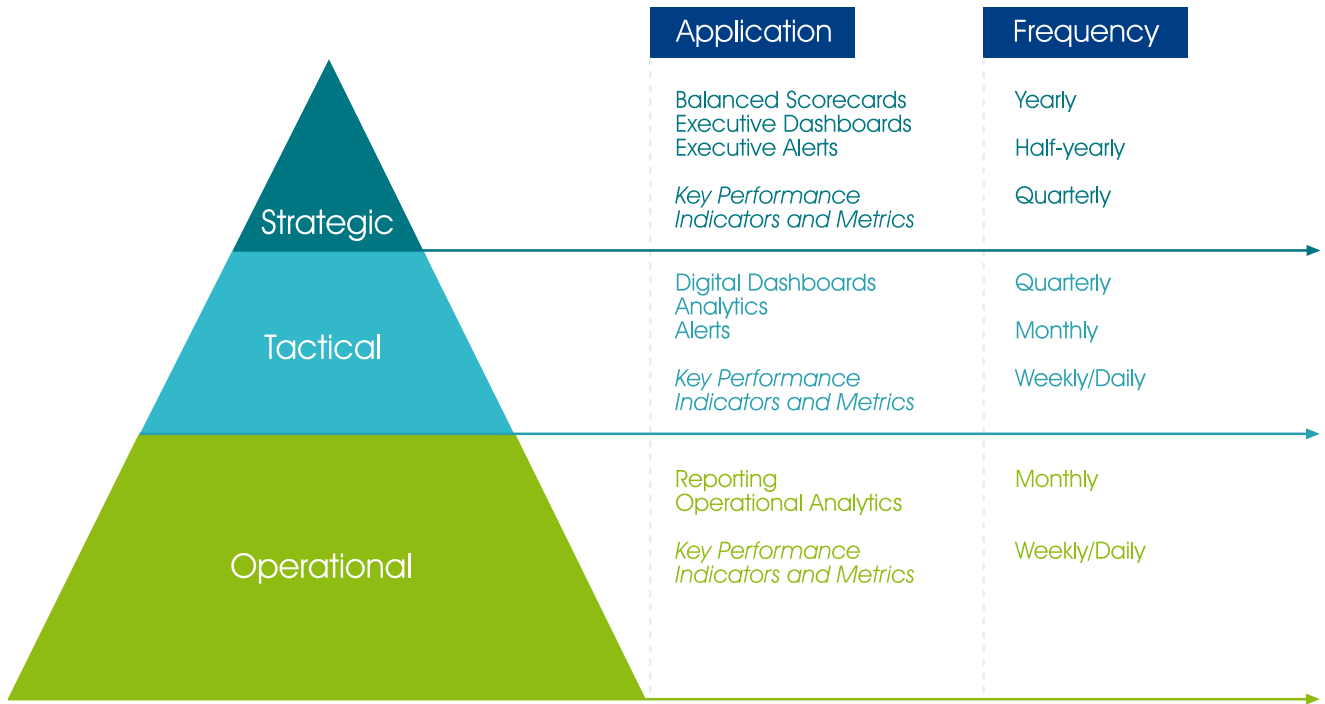
Service-oriented software

Organizations across the world are gradually embracing SOA (Service Oriented Architecture), facing its challenges and taking advantage of its benefits, with growing evidence that investments in SOA are paid back in the short- to mid-term through business agility.

The functionality of SYSPRO's core application is designed on a service-oriented model, and our software is built using SOA-enabling technologies.

Management through analysis and reporting

Strategic Information Applications provide access to information through advanced decision support and reporting tools.

Application	Frequency
Balanced Scorecards	Yearly
Executive Dashboards	
Executive Alerts	Half-yearly
Key Performance Indicators and Metrics	Quarterly
Digital Dashboards	Quarterly
Analytics	
Alerts	Monthly
Key Performance Indicators and Metrics	Weekly/Daily
Reporting	Monthly
Operational Analytics	
Key Performance Indicators and Metrics	Weekly/Daily

Strategic

Tactical

Operational

SYSPRO enterprise reporting solutions provide access to information through advanced decision support and reporting tools. Our solutions close the widening gap between the volume of data and the organization's ability to use it effectively. From the SYSPRO Analytics business decision tool through to standard and tailored reports, boardroom quality reporting and Executive Dashboards, SYSPRO has all the building blocks required to produce simple to sophisticated enterprise reporting and queries.

By combining our solutions with Microsoft Office, the de facto standard for desktop product software, you have a great way to manage and disseminate information across the enterprise. SYSPRO Office Integration (SOI) enables you - or any other user in the enterprise, regardless of whether SYSPRO is installed on the client machine or not - to access information directly from the SYSPRO database within a Microsoft Office product such as Microsoft Office Word or Excel. Furthermore, once the information has been

displayed it can be inserted directly into the current document as text or as a table.

All information that is made available through the integration to Microsoft products is protected by SYSPRO's own security rules, which means that you can protect sensitive data from being accessed.

SYSPRO THE SOLUTION

SYSPRO THE SOLUTION

SYSPRO supported Business Processes

Our solutions have the primary purpose of supporting the business processes of your organization, no matter what that process is:

Define and Configure – all our solutions are tailored to suit your unique requirements.

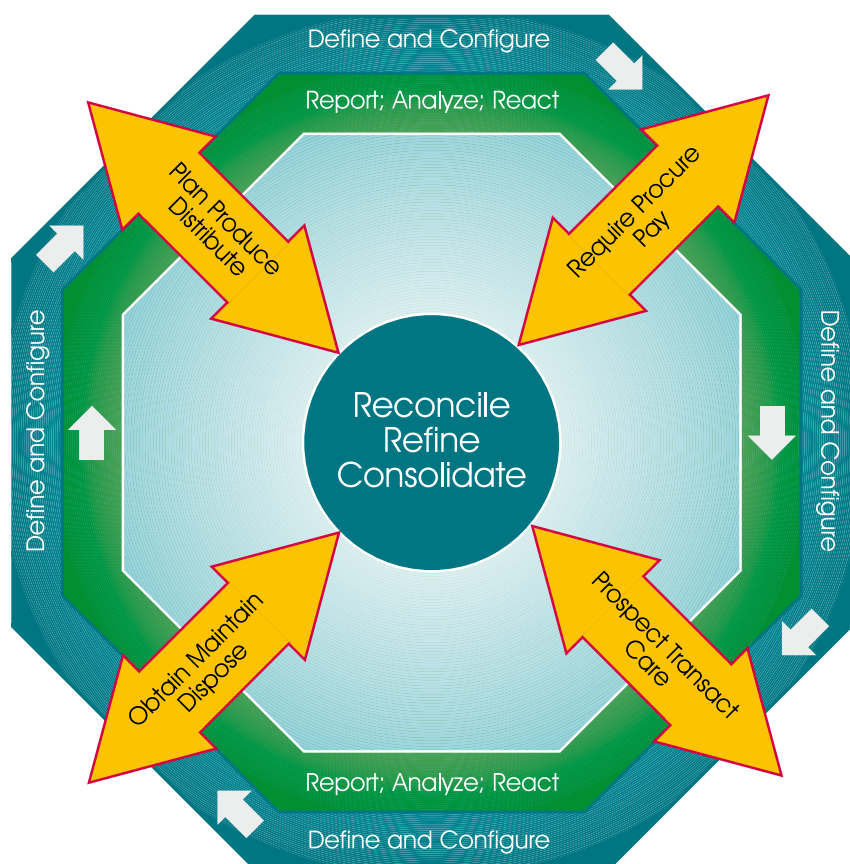**Analyze; Report; React** – use reports and queries to analyze data and make management decisions.

Require; Procure; Pay – provide greater control over all procurement activities, from requisitioning to payment of goods and services. Our solutions also ensure that required goods are available when needed and provide control of the inspection of these goods when delivered.

Plan; Produce; Distribute – our solutions allow you to monitor and plan for the demand placed on manufacturing. This enables you to effectively utilize production resources, thereby optimizing stock holdings and minimizing job costs.

Prospect; Transact; Care – our solutions provide control of the customer interface from initial contact with prospects through sale of products or services and after-sales servicing, thus ensuring the building of better business relationships and greater retention.

Obtain; Maintain; Dispose – our solutions provide the facility to evaluate asset usefulness by tracking and recording expenditures incurred and income derived from your fixed assets.

Reconcile; Refine; Consolidate – enable the printing and balancing of audit trails and consolidating information for reporting purposes.

Define and Configure

Report; Analyze; React

Plan Produce Distribute

Require Procure Pay

Define and Configure

Define and Configure

Reconcile
Refine
Consolidate

Obtain Maintain Dispose

Prospect Transact Care

Report; Analyze; React

Define and Configure

SYSPRO Architecture and Technologies

Communication architecture

SYSPRO is committed to the latest communication technology in Windows and UNIX environments. This architecture delivers computing power to each user in the most efficient and effective way possible by vastly reducing network traffic.

Client/Server is the primary communication protocol used by SYSPRO clients to connect to the SYSPRO application server. SYSPRO's client/server topology supports a thin client or fat client set-up in a two- or three-tier architecture where the interface, the application logic and the database can be installed on separate machines. Clients may take advantage of the terminal services offered by Terminal Server and Citrix Metaframe. System upgrades are easily implemented since the software need only be loaded on the server, which automatically sends the required components to the client. Client/server technology is an ideal solution for both local and remote clients.

SYSPRO provides a Web Service solution, which opens up communication with the SYSPRO application server, thus allowing remote access to data.

Multi-platform and Operating Systems

The outstanding flexibility of SYSPRO software permits the use of a Windows or UNIX server and Windows client. SYSPRO is optimized for use in a variety of operating environments, including Microsoft Windows, UNIX and Linux. Therefore, it is often easily implemented on existing equipment, without major outlays for new hardware and/or operating systems – a major benefit for cost savings and future growth. Providing customer choices is the true delivery of SYSPRO power.

Leveraging key technologies

SYSPRO's ongoing product development focusses on establishing and maintaining strategic business partnerships and leveraging key technologies such as XML (Extensible Markup Language), Microsoft .NET and COM. SYSPRO e.net solutions enables the implementation of Service Oriented Architectures (SOA), allowing businesses to significantly increase their agility by simplifying the re-engineering of business processes. SYSPRO's business partners offer systems integration and industry expertise backed by SYSPRO's solid experience, intellectual capital and support infrastructures.

ARCHITECTURE AND TECHNOLOGIES

ARCHITECTURE AND TECHNOLOGIES

Database backbone

SYSPRO provides a choice of data storage in the form of C-ISAM or a Microsoft SQL Server database, without compromizing on functionality. This is achieved through the use of business objects that control the flow of data, security and business rules, between the SYSPRO programs and the data.

The Microsoft SQL Server database option ensures true scaleability and data integrity,

and facilitates data analysis through warehousing and data mining. The Microsoft SQL Server database backbone option provides premier RDBMS power. It ensures true scalability and data integrity and facilitates data analysis through data warehousing, data mining and OLAP. Third-party programs may access SYSPRO enterprise data on a read and/or write basis in order to extend system functionality to other productivity tools.
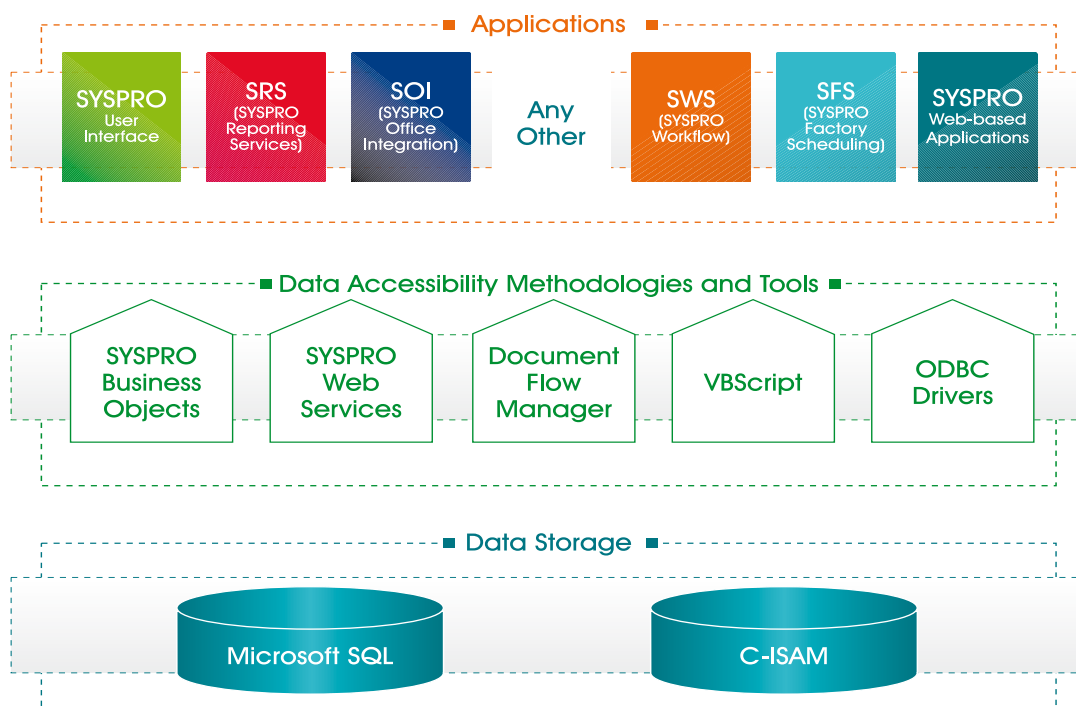
SYSPRO architecture and technologies

XML

XML forms an integral part of the Microsoft .NET framework and SYSPRO e.net solutions. XML is an open, broadly adopted language that forms the basis for a universal data exchange format which can be used to support business-to-business (B2B) trading with applications such as Microsoft's BizTalk Server. By utilizing XML, SYSPRO ensures that its software can both receive and create documents and transactions in industry-adopted standards. Our extensive use of XML means that we are prepared and ready for the future.

Extended functionality

The architecture mentioned above allows composite applications like the following to work seamlessly with the SYSPRO data, while still applying the SYSPRO business rules and security:

- SYSPRO Web-based Applications
- Document Flow Manager
- SYSPRO Reporting Services
- SYSPRO Office Integration
- SYSPRO Workflow Services
- SYSPRO Factory Scheduling
- External/3rd Party programs

SYSPRO Core Solutions

SYSPRO is a fully integrated business software solution. It assists in managing your Supply Chain business processes, from internal planning, analysis and reporting, management and control, execution and operations through to external integration.

In all businesses - whether you are in sales, services, distribution, packaging or full-blown manufacturing - there will always be a procuring phase with its associated supplier sourcing; an optional design, manufacturing and packaging phase; a distribution and warehousing phase (some more complex than others); and a prospecting and selling phase.

In addition, the world is moving towards more streamlined electronic communications and visibility through the Web in all aspects of the supply chain: from lead generation to prospecting, documentation sharing on both ends of the supply chain, customer relationship management and critical information sharing. This involves interfaces with bar coding for purchasing and job receiving, put aways, material issuing, picking and packaging and stock takes.

Through SYSPRO e.net solutions, SYSPRO provides all the tools and enterprise needs to manage and extend all the activities in its supply chain.

SYSPRO CORE SOLUTIONS

SYSPRO SOLUTIONS FOR EXTERNAL INTEGRATION

- Web-based Applications
- SYSPRO to SYSPRO Interface
- OBDC
- Document Flow Manager
- SYSPRO e.net solutions
- SYSPRO Office Integration

YOUR BUSINESS

PROCURE OR SOURCE	DESIGN AND/OR MANUFACTURE	DISTRIBUTION AND/OR WAREHOUSING	SELL/PROVIDE PRODUCTS OR SERVICES

Execution & Operational

PROCURE OR SOURCE
- Accounts Payable
- Purchase Orders
  - Requisitions
  - Blanket Purchase Orders
  - Landed Cost Tracking
- Lot Traceability
- Inventory
  - Serial Tracking

DESIGN AND/OR MANUFACTURE
- Bill of Materials
  - Engineering Change Control
- Work in Progress
- Lot Traceability
- Inventory
  - Serial Tracking
- Factory Documentation

DISTRIBUTION AND/OR WAREHOUSING
- Inventory
  - Serial Tracking
- Lot Traceability
- Warehouse Management

SELL/PROVIDE PRODUCTS OR SERVICES
- Accounts Receivable
- Sales Orders
  - Load Planning
  - Blanket Sales Orders
  - Return Merchandise
  - Trade Promotions
  - Counter Sales
- Product Configurator
- Quotations
  - Estimating
- Lot Traceability
- Inventory
  - Serial Tracking

Management & Control
- Cash Book
- Quality Management
- Contact Management
- Assets Register
- Office Automation & Messaging
- Electronic Signatures
- Electronic Funds Transfer
- General Ledger
- Activity Based Costing
- System Manager
- Tailoring SYSPRO
- Projects & Contracts

Analysis & Reporting
- Executive Views
- General Ledger Cost Analysis
- Sales Analysis
- Financial Ratios
- SYSPRO Analytics
- Report Writer
- Financial Reporting
- SYSPRO Reporting Services

Planning
- SYSPRO Factory Scheduling
- Inventory Forecasting
- Requirements Planning
- Inventory Families & Groupings
- Inventory Optimization
- Budgeting & Targets

SYSPRO SOLUTIONS FOR INTERNAL RESOURCE PLANNING

SYSPRO solutions for external integration

SYSPRO e.net solutions

OBDC

Web-based Applications

SYSPRO Office Integration

Document Flow Manager

SYSPRO to SYSPRO Interface

SYSPRO provides a number of tools that enable external applications to communicate with SYSPRO and the SYSPRO data. In addition, SYSPRO is fully integrated with Microsoft Office. Triggers and Events enable the system to track any anomalies or events that need to be actioned when they happen. All these tools provide for an extended enterprise and communication with business partners.

EXTERNAL INTEGRATION

SYSPRO e.net solutions

Objective

SYSPRO e.net solutions is a simplified development environment which is extensible, version independent and provides a standard interface for integrating with SYSPRO using industry standard technologies. SYSPRO e.net solutions comprises three independent components: Business Objects, Document Flow Manager and Web-based Applications.

The value of SYSPRO e.net solutions

- Version independent when requiring upgrades
- Rapid application development
- Removes complexity of SYSPRO business logic, validation and data structure from developers
- Model business processes to provide customized solutions for the client
- Single set of security settings for both business objects and the core product
- Develop customized user interfaces to standard business logic
- Developers not required to learn a proprietary language
- Use with any COM aware development environment
- XML is the communication medium

Matching SYSPRO e.net solutions to your business

- Rapidly develop applications to match existing and new business processes
- Examples of development environments:
  - Mobile applications (using PDAs, cellphones etc.)
  - Customer-specific web applications or packaged software for retail
- Easy deployment of homemade applications to sister company or division
- Bulk upload applications
- Integrate to best-of-breed applications
- Integrate to scanning and RFID solutions
- The write-back capability eliminates re-entering data
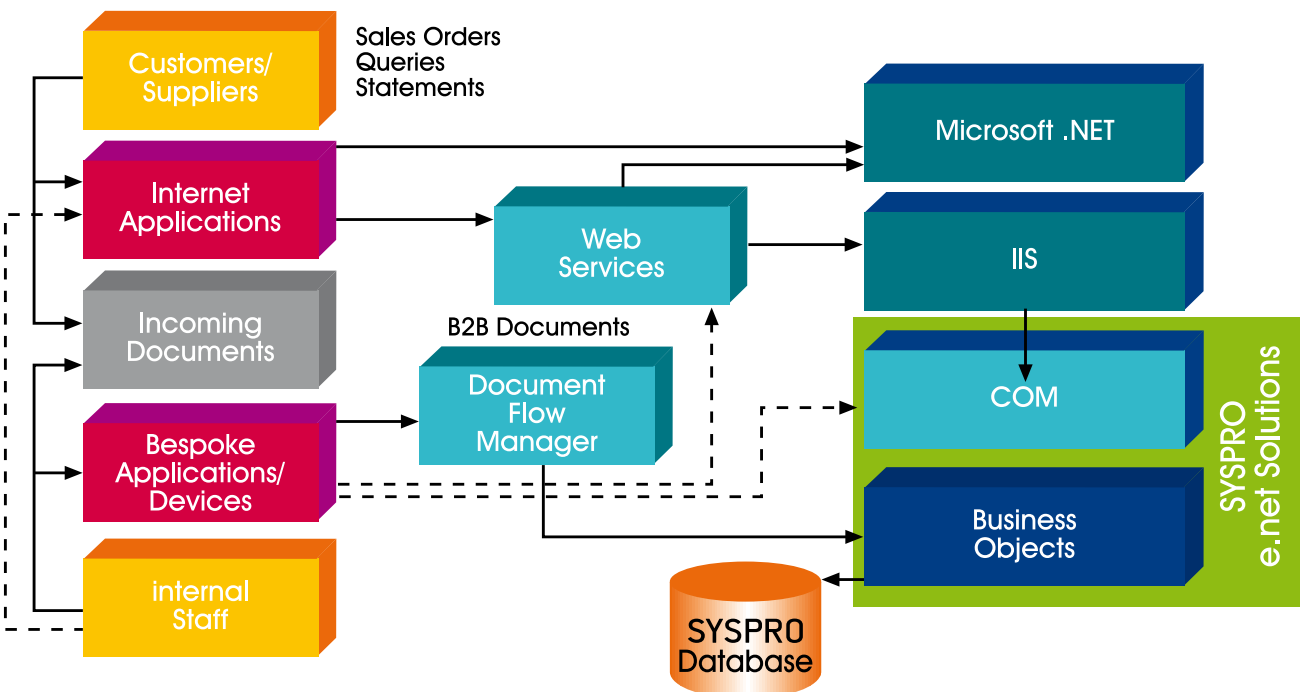
Web-based Applications

Objective
A component of SYSPRO e.net solutions designed to provide a new generation of out-the-box applications that can be run on the Internet/Intranet and that can be easily customized to suit end-user requirements.

The value of Web-based Applications
- Built using ASP.NET, which is a preferred platform for easy customization and enhancements
- Utilize SYSPRO e.net solutions to access SYSPRO data
- No additional client overhead - Microsoft Internet Explorer 6.0 or higher required
- Cost effective
- Reduce the number of SYSPRO licenses required
- Easily deployable
- Accessible from anywhere
- Real-time data access and update

Matching Web-based Applications to your business
- Out-of-the-box web solution
- Dashboards per operator
- Access and set-up controlled via SYSPRO business objects
- Cascading Style Sheets (CSS) allow appearance customization
- Easily add or remove display fields
- Multi-lingual capabilities

EXTERNAL INTEGRATION

User Services   Business Services   Data Services

Web-based Client → Firewall → IIS → SYSPRO e.net Solutions Interface → Business Objects / Business Objects / Business Objects → SYSPRO Database
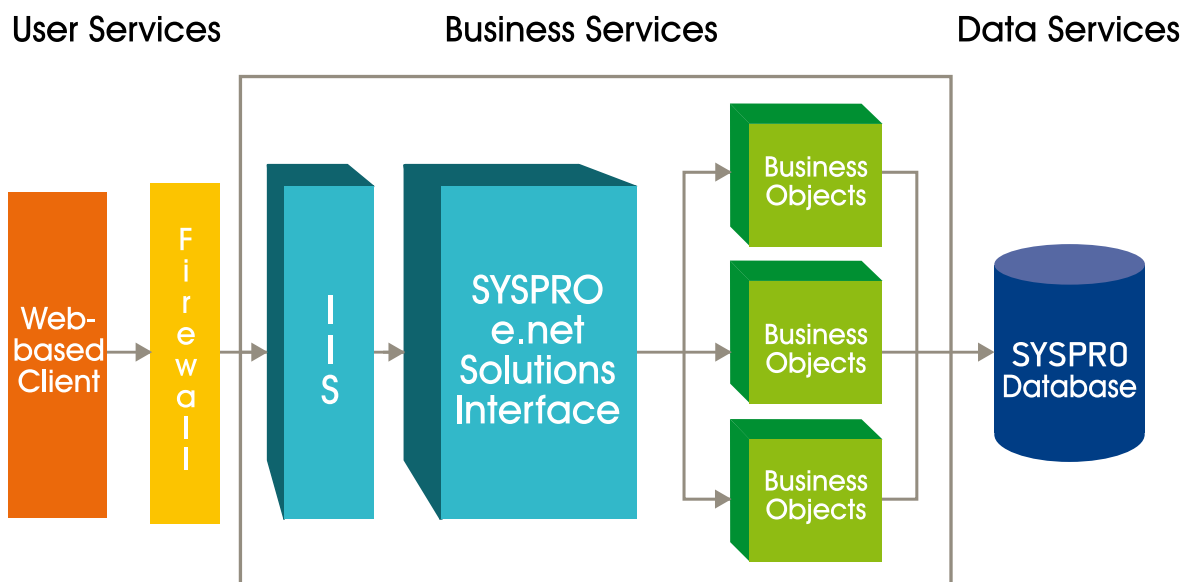
Document Flow Manager

Objective
A component of SYSPRO e.net solutions designed to facilitate collaborative commerce by auto-mating document flow between trading partners.

The value of Document Flow Manager (DFM)
- Automatic and instant retrieval of documents as they arrive
- Route or immediately process the documents without operator intervention
- Interact with any available SYSPRO business objects, e.g. automate a response via email to a request for inventory information
- Reduce lead time between trading partners
- Eliminates duplication of effort
- Improve customer service with automated email functionality
- Offers 24-hour processing
- Promotes cost saving

Matching Document Flow Manager to your business
- Provide a global business-to-business and business-to-consumer hub
- Interact with Microsoft's BizTalk server
- Send email notification to the originator of processed and/or failed documents
- Copy XML documents to failed or processed folders
- Translate XML documents using an XSLT translator
- SYSPRO business objects protect ERP system by enforcing business logic
- Automate SYSPRO business objects
- Queue messages when the main system is down
- Track and process transactions through Microsoft Messaging Services

EXTERNAL INTEGRATION
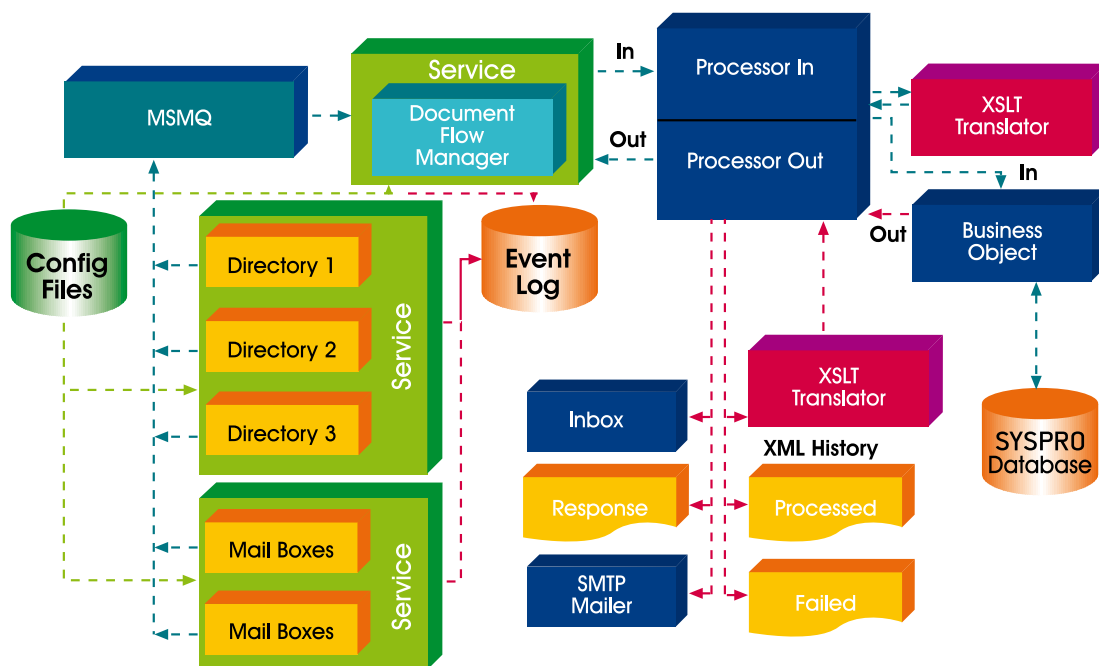
Open Database Connectivity

Objective
To use the Open Database Connectivity (ODBC) standard, enabling third-party programs to access SYSPRO data on a read and/or write basis in order to extend the system functionality to other productivity tools.

The value of Open Database Connectivity (ODBC)
- Provide ability to interact and communicate efficiently with external programs
- Easily exchange data with disparate systems
- Analyze data in relational views that reflect real-world scenarios
- Access SYSPRO data using any ODBC-compliant software e.g. Microsoft Excel or Access
- Report on SYSPRO data using Microsoft Office Word, Crystal, F9, etc.
- Utilize SQL statements to query the database and store queries for subsequent re-use
- ODBC available as multi-user client/server package
- ODBC drivers provided for Windows or UNIX environments
- Gateway license allows multi-user access

Matching Open Database Connectivity to your business
- Improves information management for better decision making
- The transparent link between SYSPRO and Windows applications increases functionality
- Provides a relational view of SYSPRO data that mirrors the real world
- SQL access to data files eases data retrieval
- Supports popular desktop information tools that expand system functionality
- Stand-alone and client/server extends scalability
- Provides high-performance, optimized query for rapid data retrieval

EXTERNAL INTEGRATION

SYSPRO Data Source

ODBC Compliant Application

ODBC

SYSPRO Database

Spreadsheet

Word Processor

Graphs

Reports

Application
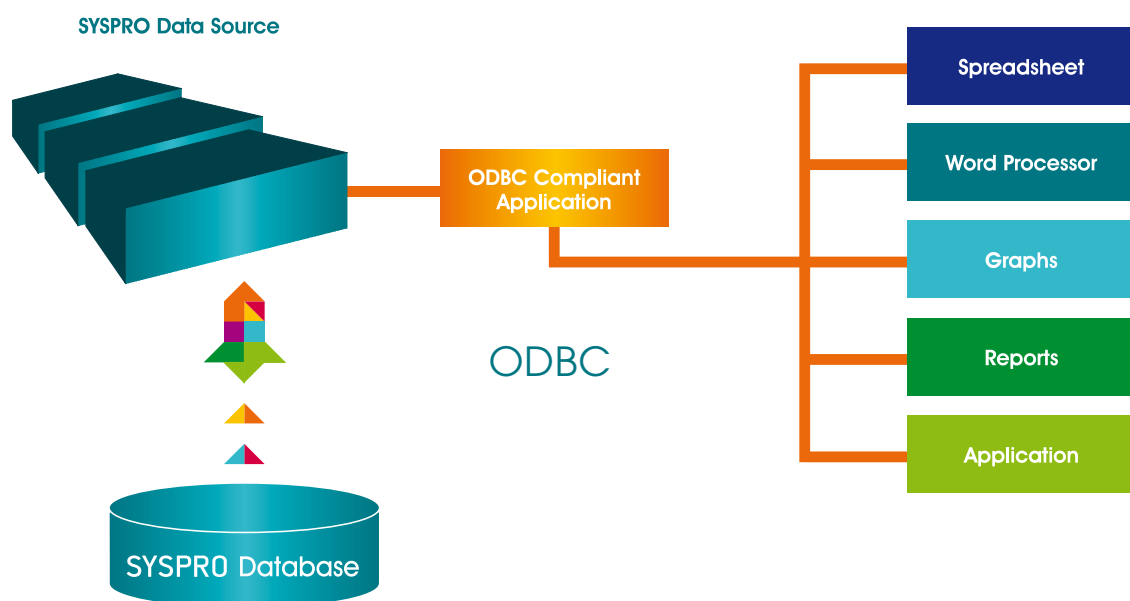
SYSPRO Office Integration

Objective
To provide seamless integration between SYSPRO ERP software and Microsoft Office.

The value of SYSPRO Office Integration
- Querying SYSPRO information using Microsoft Word and Excel
- Sharing data with Microsoft Office Applications
- Using Outlook as a data provider to the SYSPRO Calendar
- Using Outlook for emailing from SYSPRO
- Analyzing Key Performance Indicators (KPIs) in Microsoft Excel, PowerPoint and Word

Matching SYSPRO Office Integration to your business
- All stationery documents, including invoices, order documents and statements, can be printed in a variety of ways, including using Microsoft Word as the print mechanism
- SYSPRO incorporates a to-do list to remind you of tasks to complete. For example, at month-end you can define a series of tasks that must be completed sequentially. These tasks can be inserted as reminders into Microsoft Outlook's to-do list
- Data can be instantly shared with an Microsoft Excel spreadsheet from any list view anywhere in SYSPRO
- If you intend to visit a client, but are unsure of the address, simply click on the Smart Link in a listview and select Show Map (provided you have map software installed)
- Use Microsoft Outlook as an email client for scheduling appointments/meetings and for storing basic contact information. The Contact Management module integrates to Microsoft Outlook using SYSPRO e.net solutions
- Microsoft Outlook allows you to send email and simultaneously record the message as an activity in the SYSPRO Contact Management system
- Select one or more received email messages and have them recorded in the SYSPRO Contact-Management system. This can be automated.
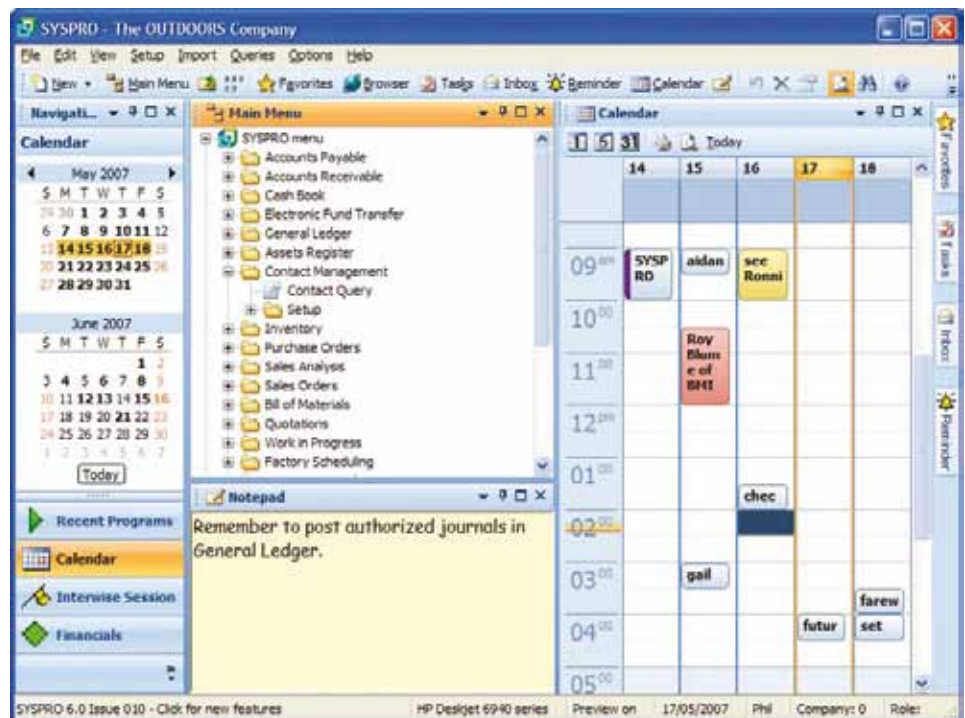
SYSPRO-to-SYSPRO Interface

Objective

To facilitate the communication between multi-site companies using SYSPRO, as well as the electronic interchange of data with customers and suppliers.

The value of SYSPRO-to-SYSPRO Interface system

- Update all locations with minimum communication costs, maximum efficiency and security
- Easy-to-use file import/export facility
- Install only the modules required at each site
- Define which Accounts Receivable and Inventory transactions to export to each site
- Allow user to decide how often various locations will be updated
- Manage remote branches efficiently without duplication of data entry
- Transfer all information with each update, or transfer only the changes which have occurred since the last update
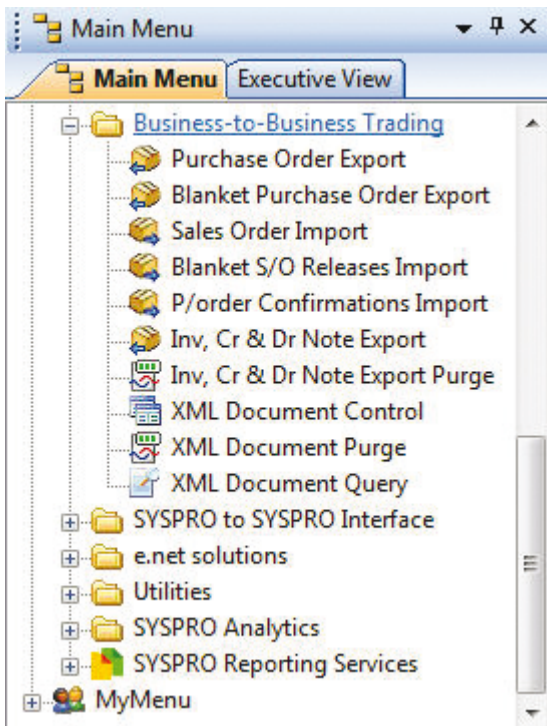
The value of Business-to-Business trading

- Use pre-defined ASCII format files or export XML documents to easily communicate with customers and suppliers
- Import customer sales orders
- Export order acknowledgment and delivery notes
- Export supplier purchase orders and import confirmation
- Export new/changed blanket purchase orders
- Import or export contract prices
- Import blanket sales order releases
- Export invoices, credit notes and debit notes

EXTERNAL INTEGRATION

SYSPRO's Execution and Operational Solutions

Execution & Operational

- Accounts Payable
- Purchase Orders
  - Requisitions
  - Blanket Purchase Orders
  - Landed Cost Tracking
- Lot Traceability
- Inventory
  - Serial Tracking

- Bill of Materials
  - Engineering Change Control
- Work in Progress
- Lot Traceability
- Inventory
  - Serial Tracking
- Factory Documentation

- Inventory
  - Serial Tracking
- Lot Traceability
- Warehouse Management

- Accounts Receivable
- Sales Orders
  - Load Planning
  - Blanket Sales Orders
  - Return Merchandise
  - Trade Promotions
  - Counter Sales
- Product Configurator
- Quotations
  - Estimating
- Lot Traceability
- Inventory
  - Serial Tracking

The SYSPRO solutions available for execution and operational processes cover all routine aspects of the business from procurement and sourcing through design and manufacture, distribution and warehousing to the final selling and after-sales service.

Accounts Payable

Objective
To provide timely, accurate and efficient control of processing invoices, paying bills and analyzing expenses and available discounts to improve cash flow, while maintaining close relationships with suppliers.

The value of Accounts Payable
- Forecast current and future cash requirements easily and accurately
- Utilize the invoice registration system to ensure invoices have been authorized for payment
- Complete purchase analysis of suppliers
- Use Goods Received Notes (GRNs) to track Accounts Payable accruals and control price variances
- Provide automation of payment processing
- Take advantage of settlement discounts
- Streamline data processing by approving supplier invoices electronically
- Support recurring expense entries
- Process manual and void checks
- Manage suppliers by branch

Matching Accounts Payable to your business
- Process in multiple currencies (EMU compliant)
- Link suppliers to default ledger codes
- Manage permanent and temporary suppliers
- Contra invoices between supplier and customer
- Manage multiple branches
- Support full TAX/VAT/GST
- Two-tier tax system
- Post transactions to current and two prior periods
- Expense invoices over multiple general ledger accounts
- Automate postings of recurring monthly entries for leases and rentals
- Automatically calculate due dates and discount dates with payment alerts and suggestions
- Record invoices for approval prior to liability
- Release payments for multiple local and foreign currency banks
- Process concurrent payment cycles
- Automatic or user selection of invoices for payment
- Provide the ability to place an invoice on hold and restrict payment
- Maintain history of receipts and invoices
- Define check, remittance and label formats
- Electronic trading suppliers
- Capture balance and historical invoices
- Revalue foreign invoices
- Automatic numbering of suppliers
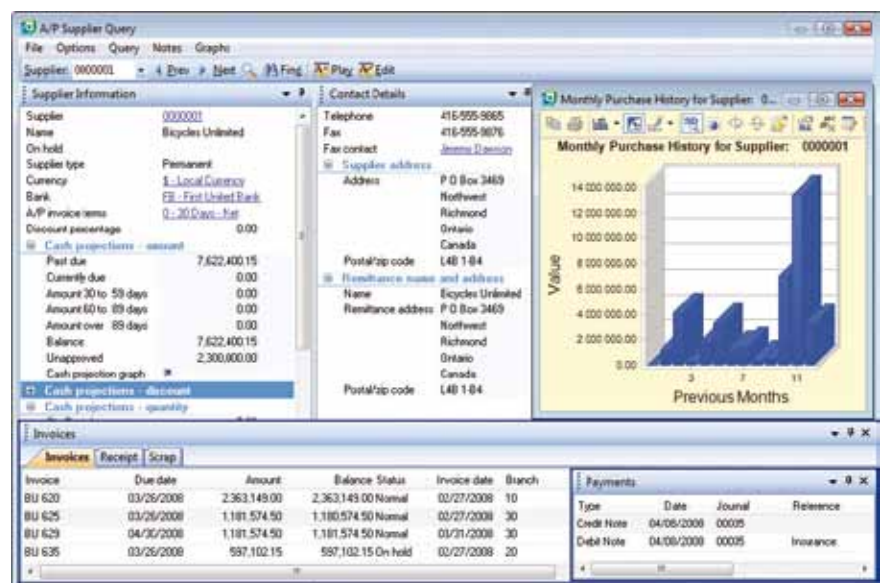
Purchase Orders

Objective

To monitor the quality, accuracy, lead times and costs of purchases, while providing comprehensive supplier performance analysis.

The value of Purchase Orders

- Detailed queries with graphical purchase order commitment
- Place orders using current cost, last price paid or contract pricing
- Analyze vendor performance for delivery, pricing and quality
- Goods Received Notes (GRN) facility provides Accounts Payable to Purchase Order matching and variance reporting
- Streamline purchasing with requisitions and authorization procedures
- Generate requisitions from customer back orders
- Fax or email Purchase Order documents
- Link Purchase Order to Sales Order or Works Order

Matching Purchase Orders to your business

- Supplier stock code cross-referencing with pricing
- Record Purchase Order notes using the notepad facility
- Manage stocked and/or non-stocked items
- Customize multiple Purchase Order and GRN document formats
- Expedite purchases using follow-up codes and dates
- Retain original and revised due dates to monitor performance
- Order for multiple due dates and warehouses
- Two stage receipting for inspection items
- Order stocked and non-stocked items on same order
- Purchase in multiple units with user-defined conversion rates
- Automatically include comments for each line item
- Interface efficiently with data collection system
- Receive directly into Work in Progress
- Call-off against blanket Purchase Order
- Non-merchandise apportionment across all lines
- Export Purchase Order in XML format
- Manage purchases by specifying approved manufacturers

EXECUTION AND OPERATIONAL
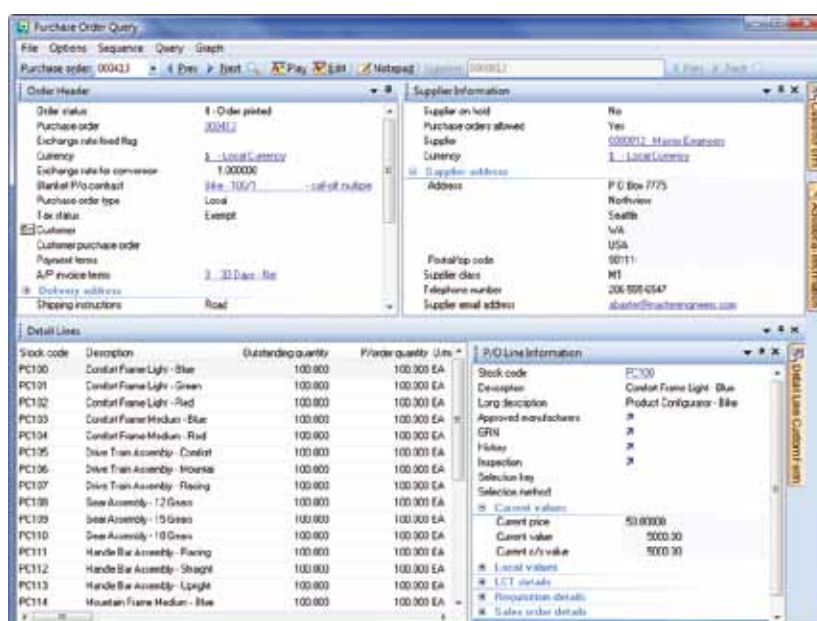
Landed Cost Tracking

Objective
To provide visibility of imported goods while retaining control of all associated costs, resulting in accurate landed costs.

The value of Landed Cost Tracking (LCT)
- Identify all cost elements associated with goods that are imported
- Monitor the progress of arrival dates of shipments
- Simplify the receipt of shipments by pre-costing the shipment before the goods arrive
- Compare actual invoice cost with estimated costs for all cost elements
- Select suppliers based on shipping routes and associated costs
- Achieve true landed cost for each product through accurate cost apportionment based on volume, value, quantity, etc.
- Receive traceable stock items through inspection with lot and/or serial numbers
- Take advantage of the Goods Received Note (GRN) system to trace element costs for accurate invoice matching
- Allow for different tariff codes

Matching Landed Cost Tracking to your business
- Define multiple alternate shipping routes for each stock item
- Combine multiple purchase orders into a single shipment
- Identify difference between landed costs and current inventory costs with the automatic cost roll-up feature
- Revise shipment quantities if different to the original purchase order
- Designate the currency rates for customs exchange calculations
- Define a bill of costs for each inventory item per route
- Expected arrival date automatically updated when shipping date is revised
- Ability to transfer landed cost price (merchandise and non-merchandise costs separately) to the inventory warehouse costs
- Register supplier invoices against the shipment registration system
- Archive the shipment once all the actual costs have been accumulated

EXECUTION AND OPERATIONAL

Lot Traceability

Objective

To trace items from their source to current location while maintaining quality assurance certification and tracking expiration dates.

The value of Lot Traceability

- Maintain a history of traceable items for accountability and customer service follow-up
- Keep detailed notes about inspections
- Provide reject control and documentation
- Furnish shelf-life control
- Trace semi-finished or finished products from the supplier of raw materials through to the customer
- Allow the same lot number to be used for multiple stock items
- Archive information on traceable items to conserve disk resources
- View an on-screen query of current and/or archived data

Matching Lot Traceability to your business

- Query by item use (which customer, invoice, job, etc.) or by item supplied (which supplier, purchase order, stock item)
- Trace serialized and non-serialized inventory items
- Automatically or manually assign lot numbers as goods are received
- Default lot number to work order number for easy traceability
- Document all rejects and scrap
- Locate data with flexible search program when lot or serial numbers are unknown
- Optional auto-depletion of lots
- Optional full or sample inspection of lots during purchase order and work order receipts
- Ability to reserve lot numbers to manufacture in Work in Progress
- Ability to reserve component lots for specific jobs
- Optional tracking of lots from component to parent
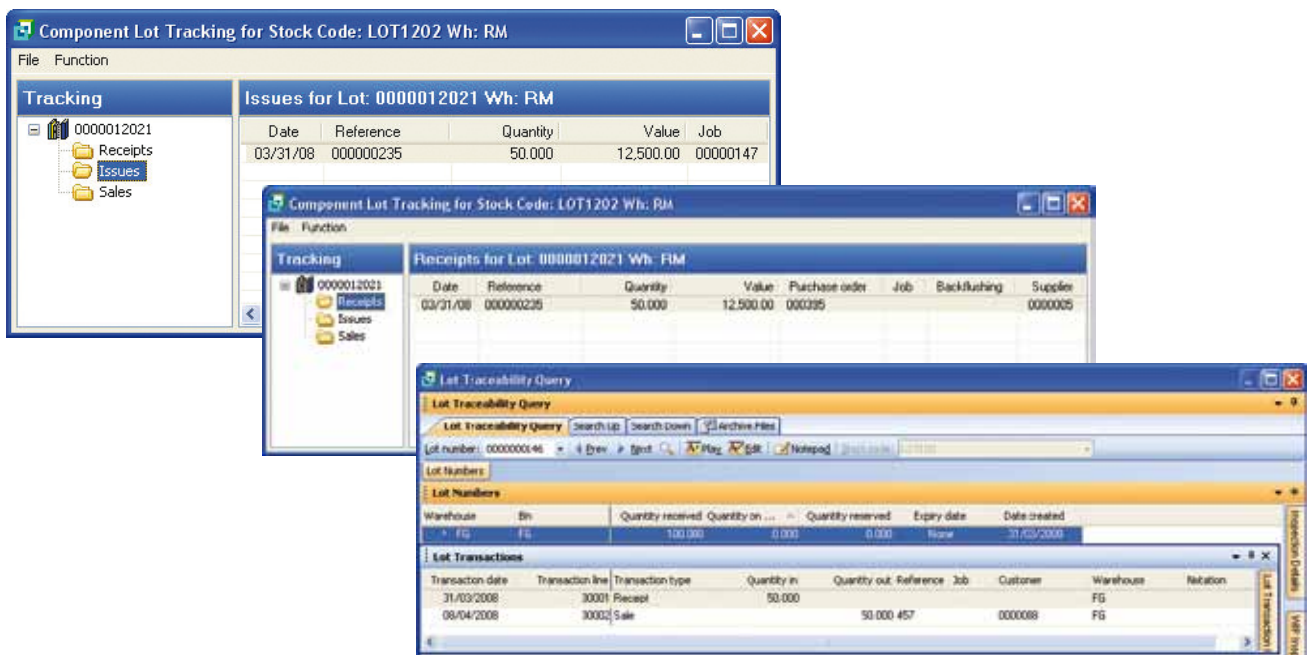
Inventory

Objective

To provide superior inventory management by optimizing stocking levels for excellent customer service and profit maximization.

The value of Inventory

- Effective control of supply and demand
- Powerful queries include history and graphics
- Flexible pricing and costing options
- Replenishment rules by item
- Identify key suppliers
- Specify approved manufacturers
- Extensive serial tracking with expiry dates
- Available to Promise calculation feature

Matching Inventory to your business

- Cost method defined per warehouse (average, standard, last, LIFO, or FIFO)
- Retain cost in unit of measure other than stocking
- Powerful pricing options (quantity, discounted, contract pricing, and more)
- Globally change cost and selling prices
- Track transfers between warehouses
- Order policies and order modifiers defined at warehouse level
- Multiple bin locations specified per warehouse
- Multiple units of measure per item
- Optional two-phased receiving
- Backflush items with short manufacturing cycles
- Lead times and dock-to-stock for realistic time-phasing
- Record notes per item for purchasing, sales and manufacturing, including technical specs and dangerous goods handling
- Place stock codes on hold
- Robust physical inventory system
- Cross-reference supplier and customer stock codes
- Assign same serial number to multiple items
- Browse stock items using multimedia images
- Group inventory items into sales kits
- Calculate minimum quantity based on usage
- Facilitate bar code integration
- Extensive security options for maintaining inventory information

EXECUTION AND OPERATIONAL
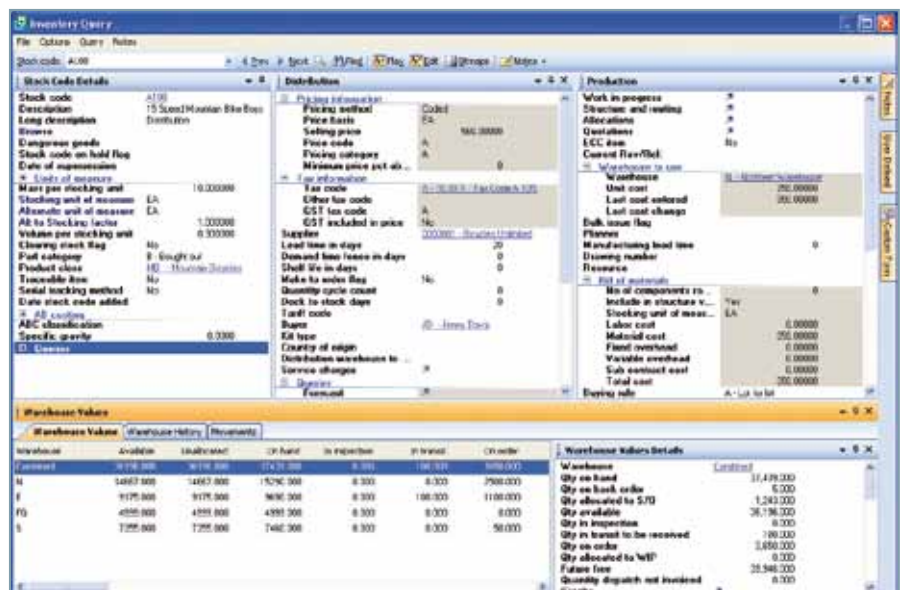
Bill of Materials

Objective
To define the relationship between a manufactured item, its co- and by-product, its component materials as well as the sequence of operations required to produce the item, facilitating an accurate expected cost against which to track actual production costs.

The value of Bill of Materials (BOM)
- Supports up to 15 levels
- Intuitive tree-view display with operational Gantt Charts
- Analyze BOM and What-if costs
- Compare BOM costs to current inventory costs
- Identify material shortages with multi-level trial kitting
- Support planning bills, phantom parts and sub-contract operations
- Optional components supported for sales of kits
- Track effectivity dates of components
- Define scrap factors for more accurate planning
- Plan for co- and by-products, apportioning costs accurately

Matching Bill of Materials to your business
- Multiple recovery rates per cost center, work center and employee
- Track time and capacity in different units of measure
- Define component requirements up to six decimal places
- Document routing instructions and component notes
- Link pictures and videos to Bill of Materials
- Define routes per location for accurate costing and planning
- Validate structures and operations and provide notification of potential problems
- Calculate BOM costs per warehouse
- Calculate manufacturing lead times
- Where-used Query with Replace Component Where Used function
- Import structure and routings from third-party systems (e.g. CAD)
- Calculate dynamic-elapsed time and capacity required
- Transfer rolled-up BOM costs to unit cost of item
- Indicate move time between work centers
- Capacity calendar per work center and productive units
- Define components as quantity per percentage of parent, or specific quantity, regardless of batch
- Indicate scrap percentage and/or quantity with optional progressive scrap

EXECUTION AND OPERATIONAL

Work in Progress

Objective
To track the activity of the manufacturing process and manage the performance of the shop floor in order to minimize job costs, efficiently utilize production resources and provide comparative reporting.

The value of Work in Progress
- Support mixed-mode manufacturing environments
- Track and manage material and operational costs per job
- Monitor job variances comparing actual to standard
- Analyze efficiency and utilization of shop floor elements
- Track production overheads, resources, and scrap
- Schedule jobs according to the production calendar
- Identify overloaded work centers
- Automatically create jobs from Sales Orders, Quotations and MRP
- Link purchase orders to jobs to expedite receiving
- Automatically manage the production of co- and by-products

Matching Work in Progress to your business
- Define productive unit and work center capacity
- Determine standards for machines and employees
- Optionally include non-productive time in job costs
- Create jobs for standard or custom products
- Issue materials and labor to jobs in kits or by item
- Post labor at standard or actual employee rate
- Integrate with bar code data collection systems
- Record costs incurred on sub-contracted operations
- Receive completed items into inspection or directly into inventory
- Easily create rework jobs
- Optionally receive into alternate warehouse or even as alternate item
- Create sub-jobs with automatic transfer of values to the master
- Multi-level job query facility
- Calculate due dates on a forward, backward, finite or manual basis
- Supports milestone operations
- Place jobs on hold to suspend processing
- Reserve and track lot and serialized item
- Recalculate expected costs
- Archive completed jobs as XML documents

EXECUTION AND OPERATIONAL

Engineering Change Control

Objective
To enable SYSPRO users to better manage engineering changes to products and/or associated data through user-defined workflow, steps and processes.

The value of Engineering Change Control (ECC)
- Define workflow to document and control product design changes
- Assign product design tasks to specific users/groups of users
- Transfer tasks between users/groups of users
- Define new task notifications, outstanding task reminders and electronic sign-off
- Control BOM and/or routings maintenance with mandatory Engineering Change Orders (ECO)
- Optionally prevent creation or maintenance of purchase orders, jobs and sales orders for products on an ECO
- Retrieve previous revisions of BOMs, routings and jobs from archives for production as planned or as built

Matching Engineering Change Control to your business
- Govern revision/release sensitivity at stock code level
- Keep track of product-related data such as drawings, circuit diagrams and computer numerical control (CNC) programs
- Enforce security and controls in the ECC process
- Govern the ECO cycle using meaningful user-defined status codes
- Define any number of user-defined statuses with associated routings
- Movement between statuses can be automatic or manual
- Trigger an associated event when an ECO is moved into a status
- Identify affected products against an ECO
- Identify existing jobs, purchase orders and sales orders relating to the affected products on the ECO with where-used queries
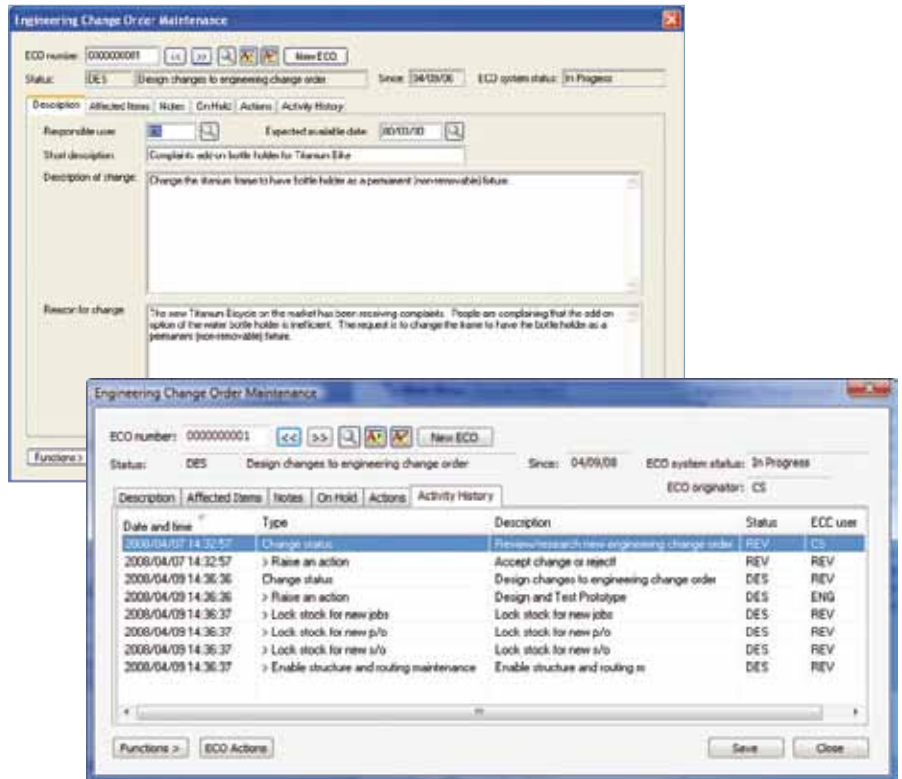
Factory Documentation

Objective
To provide factory production staff with clear and accurate user-defined shop floor documentation regarding the tasks to be performed and the materials required.

The value of Factory Documentation
- Produce material requisitions for components
- Provide visibility of expected start and completion dates for each operation within a job
- Set the expected duration of each operation
- Produce production staff with routing instructions
- Provide visibility of materials issued and operations completed, including quality control
- Inform the production staff of the next operation to be performed (for routing)
- Prepare job packs

Matching Factory Documentation to your business
- Define up to four different factory documentation formats, such as:
  - Job Tickets
  - Material Requisitions
  - Route Cards
  - Travelers
- Print barcodes on documents for use with automated data collection devices
- Include operation instructions, technical notes and material notes on documentation
- Print material requisitions per operation or work center
- Generate documentation for a range of existing jobs or for selected jobs
- Produce documentation for dummy jobs for a specified quantity based on a standard Bill of Material
- Reprint factory documentation as required
- Include stock code and job multimedia on documentation

Accounts Receivable

Objective
To accumulate and manage customer activity, ensuring timely revenue collection and effective reporting in order to enhance cash flow management.

The value of Accounts Receivable
- Improve customer service through instant, on-screen access to all account information, including outstanding invoices, sales orders and work in progress
- Follow up collections using credit management tools
- Analyze the profitability of each account
- Identify potential bad debts early
- Create notes and detailed credit management information for effective customer service
- Maintain contact information
- Support recurring invoicing
- Apply optional finance charges to overdue accounts
- Support miscellaneous unassigned cash receipts
- Fax or email customer statements in bulk
- Provide average days-to-pay information
- Manage customers by branch

Matching Accounts Receivable to your business
- Create individual terms, tax, discount tables and multiple statement formats
- Support multiple delivery addresses
- Define currency per customer
- Utilize flexible user-defined aging periods for business credit management
- Provide user-defined General Ledger integration by branch, product class, geographical area and warehouse
- Customer/stock code cross-reference and interchange
- Retain balances in local or foreign currency
- Contra invoices between supplier and customer
- Apply orders discount breaks by product class and/or customer
- Provide master/sub-account relationships
- Automate recurring monthly invoices for leases and rentals
- Match cash received with outstanding invoices manually/automatically by invoice or aged date
- Limit customer's credit or place them on hold
- Attach credit management notes, sound clips and video images to customer accounts and individual transactions
- Capture balance and history
- Revalue foreign invoices
- Automatic numbering of customers
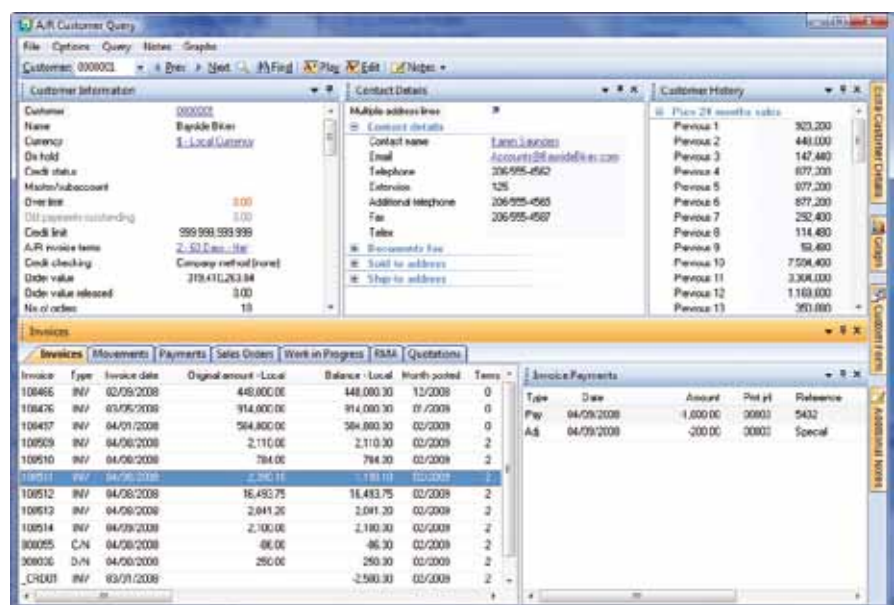
Sales Orders

Objective

To enhance customer service through fast, efficient order processing and accurate, timely order fulfillment while maximizing sales through instant access to information about stock availability, prices and possible substitutions.

The value of Sales Orders

- Accommodate various sales processing environments
- Quick access to data facilitates professional and efficient customer service
- Easily convert on-the-fly quotations to orders
- Real-time access to availability, prices, substitutes and available-to-promise
- Maximize profits with margin checking and powerful pricing tools
- Order discounts per customer and/or product class
- Apply freight, service and miscellaneous charges
- Print on-line or in batch with reprint facility
- Sell in foreign currencies
- Control ordering with customer-based rules
- Facilitate delivery promising, scheduling and picking with load planning feature

Matching Sales Orders to your business

- Personalize business needs and reduce errors with flexible pricing options
- Manage promotional pricing with contracts for customers and buying groups
- Apply a handling fee and deposit on selected items
- Separately record labor associated with a repair/service work order
- Flexible billing arrangements for multiple location customers
- Consolidated invoice across multiple orders and/or deliveries
- Substitution of stock items allowed
- Place orders using the customers, suppliers or approved manufacturers part number
- Sales kits with optional components
- Copy details from one order to another
- Create job/supply chain transfers/purchase order for shortages
- Customize items using the Product Configurator
- Manually or automatically deplete bins/lots
- Enter quantities as cases and units, or as two or three dimensional
- Real-time credit checking with email notification
- Archive completed sales orders as XML documents
- Facility to randomly query best price for customer, stock code, quantity combination
- Tax and invoice rounding to cater for small coins
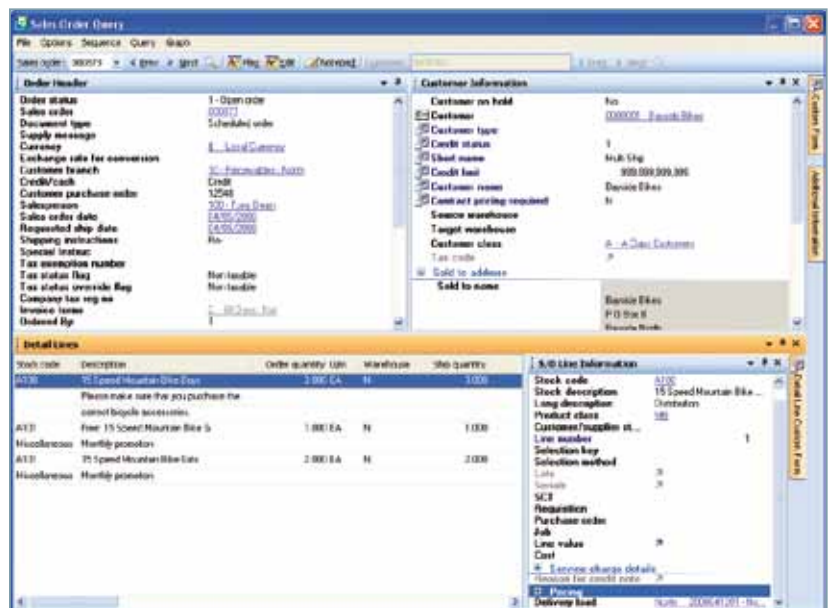
Blanket Sales Orders

Objective
To provide facilities for setting up contracts between original manufacturers and their customers by allowing blanket sales orders with multiple release dates, multiple call-off and cumulative tracking.

The value of Blanket Sales Orders
- Filter changes in orders quickly to schedule purchasing, manufacturing and dispatching in order to fulfill the customer's request
- Advise customers of the practicality of changes and communicate these changes to internal supplying department
- Provide easy access to quantities delivered and outstanding per contract
- Detailed query provides access to sales order lines, customer information and release history
- Easy reconciliation according to individual quantities

Matching Blanket Sales Orders to your business
- Control the parameters as well as the negotiated contractual arrangements
- Define the number of days before a ship date to allocate inventory
- Review and manipulate requests according to current capacity prior to acceptance
- Allow simple manual and/or electronic data interchange (EDI) receipt of releases and call-offs
- Automated balancing and correction of opening balances
- Extensive visual decision-support comparing existing plans and contractual arrangements before accepting changes
- Record new releases manually or through EDI
- Cross-reference customer and supplier stock codes
- In-transit figure visible during confirmation phase
- Record notes against a release during confirmation
- Query online release history by month and year

Return Merchandise

Objective

To provide an efficient method of controlling the return or exchange of items sold to customers, ensuring visibility and tracking of the item until the transaction is concluded.

The value of Return Merchandise

- Improve customer service through instant on-screen access to all Return Merchandise Authorization (RMA) information
- Retain unlimited history of RMAs
- Maintain unlimited transaction volumes
- Provide complete visibility of returned inventory
- Identify recurring problems by analyzing the reasons for returns
- Provide various options when receiving RMAs such as repair, scrap, return to supplier, restock or take no action
- Avoid costly mistakes by automatically calculating associated return charges
- Verify warranty dates, price and the quantity purchased

Matching Return Merchandise to your business

- Create unique return codes
- Use flexible options that customize processing
- Define return period for RMAs issued
- Immediate notification if RMA is invalid
- Automatically charge restocking fees
- Analyze multiple receiving actions
- Facilitate immediate replacement cross-shipments to customers returning goods
- Look up sold items and validate them
- Process stocked and non-stocked items
- Enter multiple line items per RMA
- Customize processing with flexible options
- Create repair work orders for items within or out of warranty
- Initiate Inter Branch Transfer (IBT) transactions
- Set default warehouses for RMA returns and subsequently transfer to repair warehouse after inspection

Trade Promotions

Objective

To solve complex business problems by managing Trade Promotions and Deductions with effective tracking of off- Invoice allowances, promotion deductions and efficient reconciliations resulting in increased collections, cash flow and improved profitability.

The value of Trade Promotions

- Specifically written for the consumer package goods industry and industries that sell through retail outlets that have to manage trade promotions and deductions
- Expanded specific pricing functionality
- Expanded promotion functionality
- Expanded deduction capture review and reconciliation functionality
- Invoice accuracy minimizes costly errors
- Improved visibility and ability to annotate transactions
- Minimized write-offs resulting from lack of visibility
- Increased profitability due to control of promotions and deductions
- Expanded specific credit checking features
- Effective and efficient reconciliation of accounts
- Increase cash flow by reducing problem accounts
- Effective single and multi-level credit checking

Matching Trade Promotions to your business

Complex pricing

- Bracket pricing on multiple levels based on quantity, volume or weight
- Pricing product groups may be defined
- Separate price groups may be set up for delivery or pickup
- Pricing groups can cover multiple line items in Order Entry, allowing prices to be recalculated at any time
- Recalculate line item pricing in order entry at any time to obtain correct group pricing
- Automatic application of bracket pricing for incoming SYSPRO EDI orders

Flexible promotions

- Ability to set up promotions for either order date or requested delivery date ranges
- Promotion qualification by weight, volume or quantity
- Promotions take the form of off-Invoice allowances, accruals and free goods
- Promotion types can be designated as specific prices or percentage discounts
- Off-Invoice promotions take the form of price changes, line promotions or line discounts
- Accrued promotions can be matched with specific deduction codes
- Free goods give flexibility of choice by allowing ordered stock or specific stock to be supplied free or at a reduced price
- Facilitate tracking of accrued promotions
- Promotion review allows payback by cash or credit
- All promotion types can apply to an individual line or to the whole order
- Automatic application of all qualified promotions for incoming SYSPRO EDI orders

EXECUTION AND OPERATIONAL

Deduction capture with cash application
- Deductions captured at the time of Accounts Receivable Payment processing
- Automatic adjustments of Accounts Receivable invoices
- Review, change and split deduction amounts among customers and change deduction codes on one screen

Deduction review and reconciliation
- Changes and splits deduction amounts among customers and change deduction codes on one screen
- Allows resolution, write-off and matching of deductions to available accrued promotions
- Automatically write-off small amounts
- Keep notes and maintain follow-up dates
- Reinstate unauthorized deductions as Accounts Receivable debit memos

Multiple-level credit checking
- Facility to establish multi-level hierarchy of customers contained within the ERP system, in addition to corporate holding companies external to the system
- Credit limit set and checked against any level
- Selective inclusion of outstanding deductions in credit checking

Counter Sales

Objective

To facilitate 'over the counter' sales transactions by accepting immediate payments or deposits efficiently.

The value of Counter Sales

- Multiple cash drawer facility
- Provide fast, accurate information to customers at the counter
- Prevent sales to customers in excess of their credit terms
- Daily cash receipts and sales reports
- Provide counter sales personnel with a complete on-line information system at the time of sale
- Give access to real-time information regarding customer sales, inventory movement and cash receipts during order entry
- Provide query on-screen cash sales, deposit history and transactions
- Multiple deposit receipts and cash receipts against accounts
- Various payment types

Matching Counter Sales to your business

- Control operator access to customer, sales and inventory information according to authorization levels
- Process sales and receipts in any currency
- Handle split payments, credit cards or checks, and calculate the change due
- Automatically handle complex pricing structures such as contract pricing and discounts right at the counter
- Allocate sales to individual sales people for reporting and commissions
- Process back orders
- Process sales using customer's or supplier's stock code
- Sell non-stocked or stocked items
- Apply freight and miscellaneous charges
- Sell kits with optional or mandatory components
- Provide the ability to sell serialized or lot traceable items with warranty tracking
- Accept deposits and payments against regular orders
- Apply deposits in full or partially as payments
- Option to auto-deplete lots and bins
- Facility to process a payment against any customer

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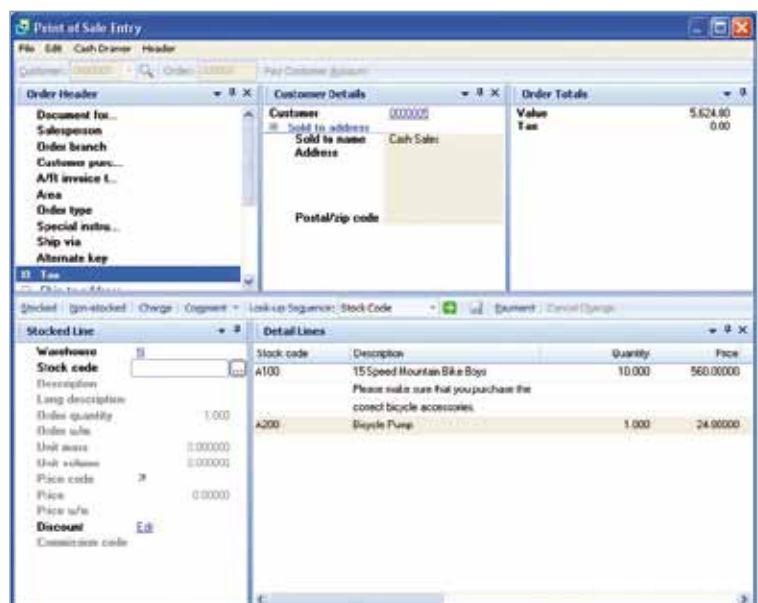
Product Configurator

Objective

To facilitate rapid order configuration by non-technical customer service representatives in SYSPRO Sales Orders and Quotations modules.

The value of Product Configurator

- Ensure viable products with rules-based configurations
- Improve order entry by being able to configure complex products on-the-fly
- Provide an option to configure a standard inventory item
- Maintain a library of common configurations to easily recall repeat orders
- Calculate configurations based on the dimensions selected
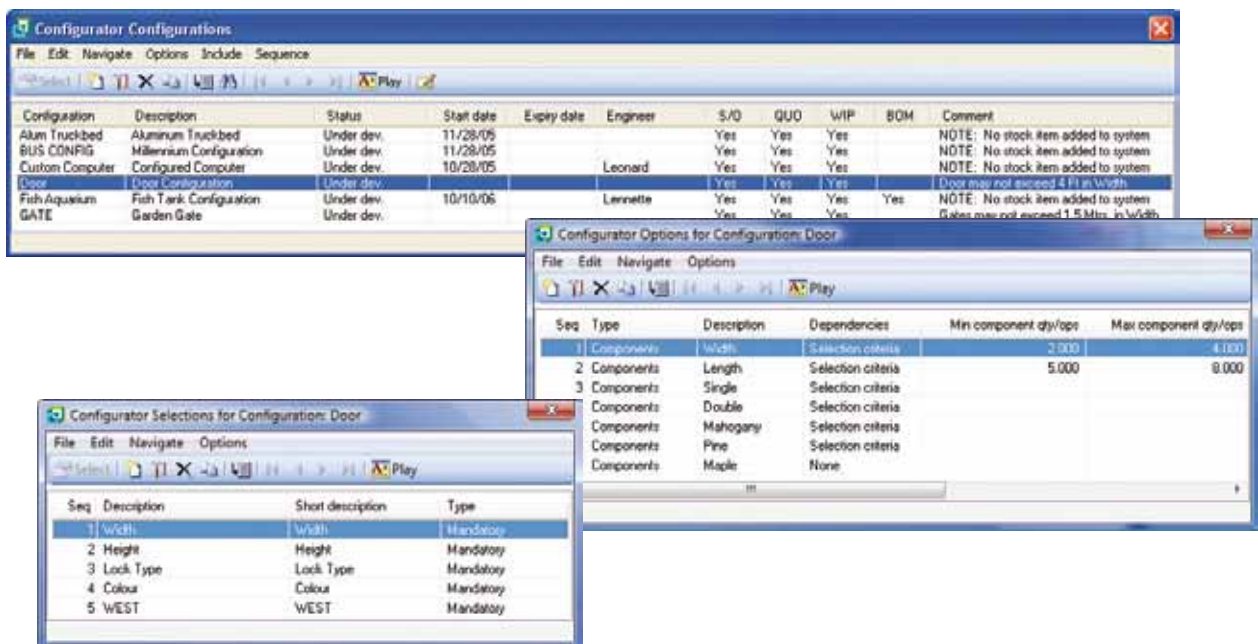
Matching Product Configurator to your business

- Ideal for engineer-to-order and configure-to-order environments
- Define selection criteria to determine the number of options presented for configuration
- Store and recall commonly used configurations
- Selection criteria can be optional or mandatory
- Selections may be dependent on other selections
- Generate labor requirements based on configuration options
- Develop component dependencies based on options
- Create availability of critical items before processing
- Prevent premature use with Under Development indicator
- Optionally create a new inventory part and Bill of Materials from configured selections
- Optionally generate custom work order and linked sales order
- Drive demand through production by generating sales orders for standard parts
- Print selections on order documents
- Link the options to stock codes and operations
- Option to generate non-stocked items or kit types
- Generate intelligent part number based on selections
- Base costs on Bill of Material or Inventory cost

EXECUTION AND OPERATIONAL

Quotations

Objective

To provide the flexibility of producing quotes with multiple offers on stocked and/or customized items for existing or prospective customers.

The value of Quotations

- Quote on existing and/or custom items
- Retain Bill of Materials for custom manufactured items
- Retain supplier contracts for non-stocked purchased items
- Provide access to the Product Configurator at line level
- Identify time and materials for manufacturing an item
- Estimate expected labor, material and overhead costs
- Safeguard profits with built-in profit margins
- Retain analysis on lost quotes
- Selectively include quotations in Material Requirements Planning

Matching Quotations to your business

- Recall non-stocked item information for use in multiple quotations
- Determine price and lead time with on-line cost roll-up
- Define multiple formats for printing quotes
- Control quoted costs with expiry dates
- Five offers per quotation with default quantity breaks
- Re-value based on current inventory or Bill of Material costs
- Copy and modify previous quotation
- Import from CAD-generated files (or other ASCII files)
- Recall configurations previously defined using the Product Configurator
- Automatically create work orders, purchase orders, sales orders, retentions, deposits and billing schedules on acceptance of quote
- Job chaining for multi-level custom Bill of Materials
- Automatically issue lower jobs to their parent on completion
- Add and print notes, comments and instructions on reports and quotation formats
- Create inventory items and generate Bill of Material from estimate
- Optionally consider progressive scrap on calculation of material and capacity requirements

EXECUTION AND OPERATIONAL
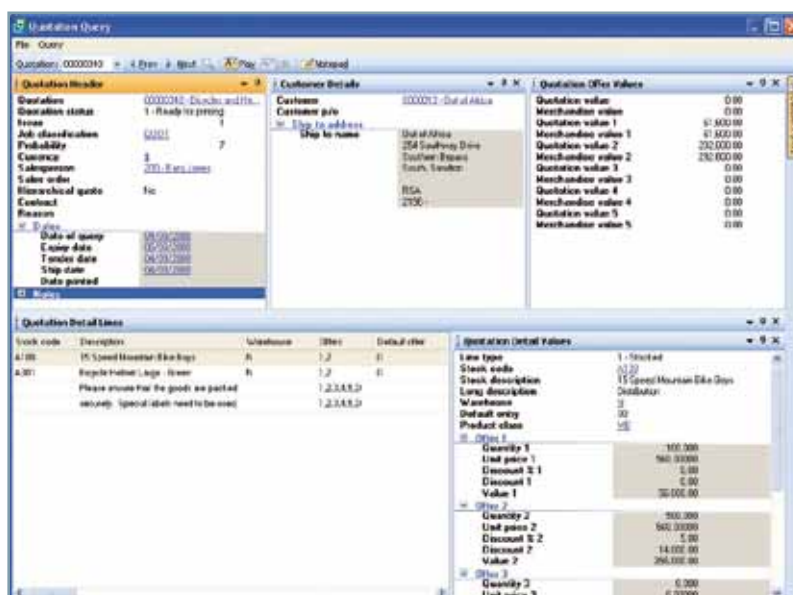
SYSPRO's Management and Control Solutions

Management & Control				
Cash Book	Assets Register	Electronic Signatures	General Ledger	Tailoring SYSPRO
Quality Management		Electronic Funds Transfer		System Manager
Contact Management	Office Automation & Messaging	Activity Based Costing		Projects & Contracts

SYSPRO Management Solutions create the foundation for more successful supply chain management. These solutions optimize insight into the enterprise, enabling you to reduce operational and supply chain costs, enhance decision-making and respond more quickly to customers and the economic climate.

These solutions enable growing companies to maximize the planning and management of business processes to better position themselves in their respective markets.
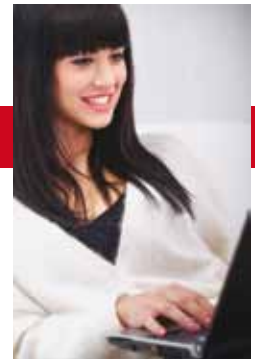
Cash Book

Objective

To provide system-wide bank reconciliation information on cash inflows and outflows, enabling optimal and efficient cash management.

The value of Cash Book

- Provide visibility of current bank balances
- Track transactions that have not cleared the bank
- Know in what form cash resources lie
- Produce checks on-line
- Increase the speed and efficiency of bank reconciliations
- Provide statement balance inquiries
- Allow the forecasting of cash positions with automated cash projections
- Facilitate electronic payments
- Inter-company postings
- Inter-bank transfers

Matching Cash Book to your business

- Manage numerous bank accounts
- Maintain local and foreign currency bank accounts
- Handle foreign currency transactions through local currency bank accounts
- Associate each bank with a unique General Ledger control account for accurate auditing
- Record bank deposits and withdrawals quickly and easily
- Perform bank reconciliations, both manually and electronically, quickly and easily
- Process recurring entries automatically
- Easily process transactions between banks
- Update exchange rates for foreign currencies on-the-fly while processing entries
- Easily adjust previously entered deposit and withdrawal amounts
- Post transactions to multiple companies from the same screen
- Drill down to source transaction of Accounts Payable and Accounts Receivable generated entries
- Process transactions in prior periods
- Process Accounts Payable payments and Accounts Receivable deposits in new month with out closing the Cash Book

MANAGEMENT AND CONTROL

Assets Register

Objective

To maintain a detailed record of the company's fixed assets by recording depreciation and current asset values, in addition to providing a facility to evaluate remaining usefulness by tracking expenditures incurred or income derived from assets.

The value of Assets Register

- Maintain a register of all assets and their locations
- Track expenses incurred for any asset
- Calculate book and tax-based depreciation
- Track maintenance history for each asset
- Obtain estimates of the remaining useful life of an asset
- Report on disposals, revaluations and/or acquisitions
- Provide detailed reporting and screen queries
- Provision for initial and investment allowances
- Manage capital expenditure items
- Support IAS 16 regulations

Matching Assets Register to your business

- Define fixed or variable depreciation rates
- Multi-period accounting
- User-defined retention of history
- Book and tax values plus three alternative user-defined valuations
- Revalue financial assets
- Asset Branch, Cost Center and/or Location transfer
- Dispose of assets
- Asset count process includes labels with bar-codes
- Automatically post monthly provisions to the General Ledger according to a user-defined hierarchy
- Calculate book depreciation and tax allowances using: Straight line; Reducing balance; Statistical or Fixed estimated useful life of asset
- Assign assets to individual branches, and/or user-defined groups and types
- Attach sub-assets to other assets
- Group assets for reporting purposes
- Define variable depreciation rates for up to 14 years
- Record revenue and expense transactions for any asset quickly and easily
- Document and track maintenance or repair time against each asset
- Determine profit or loss on the sale of any asset
- Calculate depreciation and tax allowances to date when initially adding assets
- Control work flow budget approval and requisitioning against Capex
- Temporarily suspend depreciation if asset is out of commission

MANAGEMENT AND CONTROL

Electronic Signatures

Objective
To configure against a list of key business processes on a transaction-by-transaction basis providing security access, transaction logging and event triggering.

The value of Electronic Signatures
- Control, in a centralized location, who in your company is allowed to process various transactions
- Configure the system to activate triggers which can be used to notify management when significant events occur
- Transaction logging allows you to generate an audit trail of completed transactions indicating who performed a transaction and when it occurred
- Provides a centralized location for integration to third-party systems

Matching Electronic Signatures to your business
- Electronic Signatures can be configured at system level, at company level, at group level, or operator level
- Security access is controlled by the entry of a password before an operator is allowed to proceed with a transaction
- Enables a company to ensure integrity of operations (i.e. who did what and when)

MANAGEMENT AND CONTROL
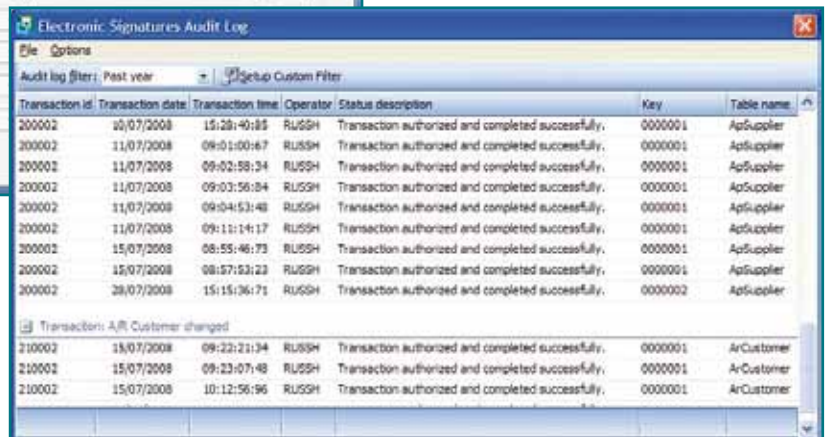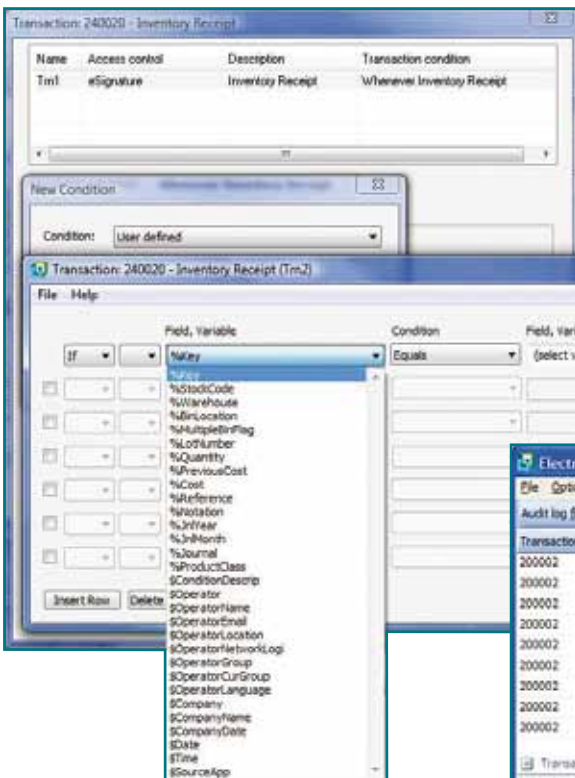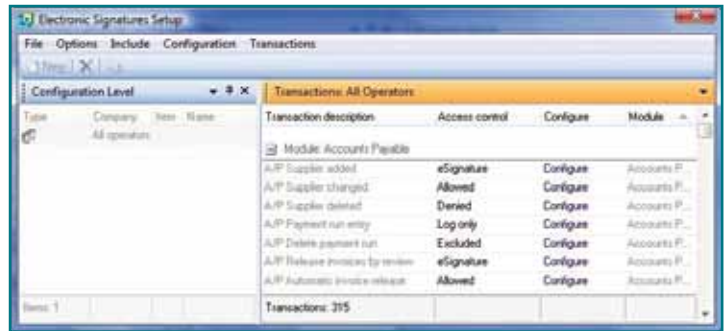
Tailoring SYSPRO

Objective
To provide facilities and features that enable the system to be tailored and configured to match business processes and better suit individual user requirements.

The value of Tailoring SYSPRO
- Configure options per module to suit your business
- Protect your business processes (and your data) with security settings
- Personalize your work space by tailoring the menu system
- Organize information in queries and list views
- Invoke applications, processes or messages as events occur
- Extend SYSPRO functionality/data to other applications and interfaces
- Personalize screens by changing the look and behavior of the standard user interface
- Incorporate external data into personalized user interfaces
- Tailor the system to suit individual or group needs

Matching Tailoring of SYSPRO to your business
- Find information quickly and easily by rearranging the screen layout and removing unwanted information
- View additional relevant data using tailorable Quick Views
- Increase productivity and reduce data entry errors with logical repositioning of fields
- Easily navigate to other SYSPRO programs through tailored hyperlinks
- Control access to information through roles, operator, group and company-level configurable settings
- Capture additional data with user-defined custom fields
- Introduce validation rules, look-up tables or even programs through field and form-level macros
- Provide reference and useful instruction through tool tips
- Centrally manage and deploy tailored changes
- Change the behavior of a form using scripting technology
- Modify the characteristics of any field using the Script Editor
- Configure the behavior of features within a module through the set-up options
- Simplify individual screens by creating personalized menus
- Automate business processes and alerts through the use of events and triggers
- Access SYSPRO functionality by third-party applications or other devices through the use of SYSPRO e.net solutions and SYSPRO Business Objects

Benefits
Tailoring SYSPRO is:
- Version independent
- Easy to implement without the need for high-end technical people
- Easy to deploy changes across the enterprise

Tailoring SYSPRO provides:
- A flexible and adaptable user interface
- A cost-effective way to extend the SYSPRO feature-set
- Improved efficiencies with greater interaction between users and the system
- Integration to external processes and disparate systems

MANAGEMENT AND CONTROL
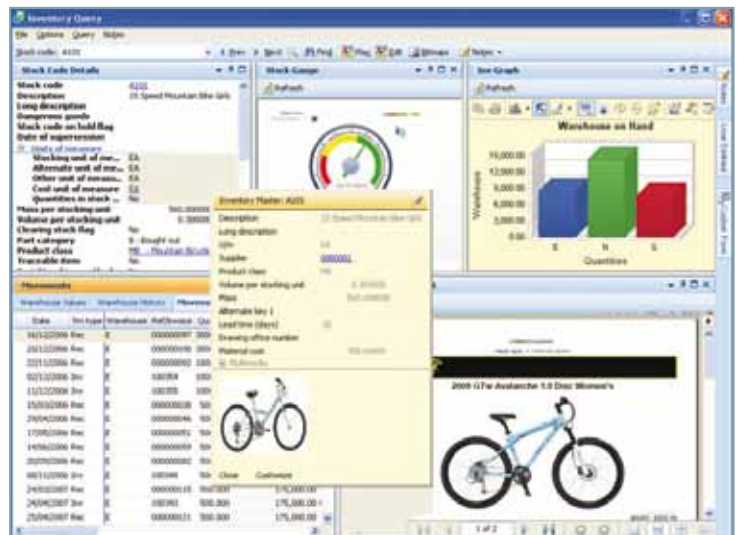
General Ledger

Objective
To provide companies with complete enterprise-wide financial reporting from all aspects of the business to manage corporate performance and monitor the return on investment.

The value of General Ledger
- Graphical views of actual performance or budgets for current and prior years
- Retain unlimited detailed and summary histories
- Manage unlimited number of accounts
- Drill down into sub-ledgers to find source details
- Support European Monetary Unit (EMU) and FASB 52 requirements
- Maintain currency exchange rate history
- Allow redefinition of financial year
- Financial ratios

Matching General Ledger to your business
- Define a 4, 6, 12 or 13-period financial year
- Maintain up to 10 budgets for each ledger code
- Produce consolidated financials for multiple companies
- Define ledger code groupings
- Integrate from sub-ledgers in detail or summary specified per module or ledger account
- Password protect sensitive accounts
- Allow committed and uncommitted costs to be checked against budget
- Restrict ledger codes to specific business processes and transactions
- Hold the ledger open for two years with multi-period accounting
- Import budgets and journal entries from third-party products such as payroll
- Place accounts on hold to prevent postings
- Maintain standard and recurring journal entries
- Create and attach notes to accounts using Notepad
- Retain foreign currency rates of exchange at transaction level
- Utilize predefined templates for easier, repetitive, expense-type posting
- Restrict access to journal creation, authorization, printing and posting
- Automatic balance transfer based on associated statistical account weighting
- Cost analysis allows for detailed allocation to be recorded within an account

MANAGEMENT AND CONTROL

Structured General Ledger accounts

The purpose of Structured General Ledger accounts is to facilitate easier navigation, define relationships and analyze information. Features include:

- Define up to 9 sections
- Automatic roll-up for analysis purposes
- Simplify addition of new branches, departments and sections
- Protect data integrity with default settings against chart of account
- Disallow relationships to lower sections
- Restrict use by business process
- Analyze account section:
  - By currency
  - By account type
  - By financial year and compare to any other year or budget
- Include views of committed values
- View account values:
  - As period movements or balances
  - With optional drill downs to transactional data
- The Where-used views reverse the view from selected section to all its parents
- Posting and Query access control by group and/or operator for each section

MANAGEMENT AND CONTROL
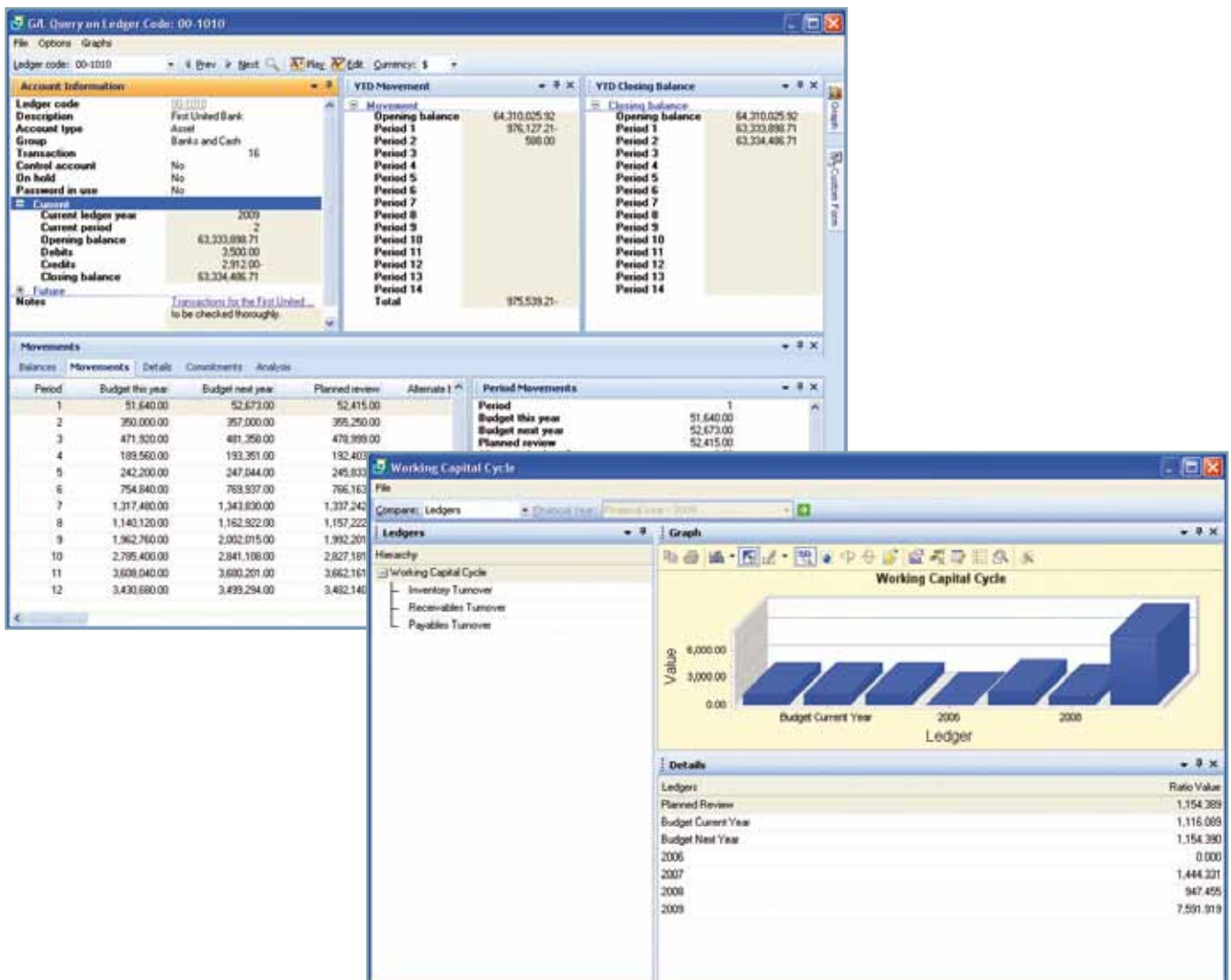
System Manager

Objective

To serve as the foundation for the SYSPRO system by providing a user-friendly interface with the ability to define environment and access parameters to seamlessly integrate all modules for efficient data processing.

The value of the System Manager

- Use only those features required
- Customize document formats and create standard reference tables to reduce repetitive key strokes and data entry error
- Protect sensitive data and critical functions with SYSPRO's multi-level security system
- SYSPRO's powerful user interface allows the easy and efficient processing of data
- Define the integration between the General Ledger and the sub-modules
- The System Manager module is mandatory with the use of the SYSPRO system

Configuration options

- Define how each module operates
- Update the options as requirements change
- When the software is enhanced, choose new features to utilize
- Changing management policies can be quickly and easily tested and implemented

Stationery formats and tables

- Design document formats using Word templates or bitmaps or map to pre-printed forms
- Customize reports using SYSPRO Reporting Services
- Print selected fields' barcodes
- Easily maintain standard tables e.g. customer and supplier discounts, terms, tax rates, etc.
- Apply current buying and selling exchange rates

Security

- Track user activity via the job logging system
- Password protect sensitive functions
- Defined security per group
- Control access levels per module, program and/or function and field
- Authenticate transactions with electronic signature functionality

MANAGEMENT AND CONTROL

User interface

- Personalize interface with state-of-the-art customization features
- Customize at operator, group or company level
- Easily deploy customization across the enterprise
- Retain settings per operator, thereby supporting roaming
- Access your Favorite menu from anywhere in the system
- Use SYSPRO's calendar to manage appointments, schedules and events with the facility to synchronize with Microsoft Outlook
- Define task lists per operator and insert into Microsoft Outlook
- Tasks may be recurring with auto reminder
- On-line browse and search facility provides quick access to key information
- User-defined menus per operator, group or company
- Launch custom programs after certain functions using trigger facilities that enable customization without source changes
- Multimedia objects may be associated with static information
- On-line help with ability to bookmark, annotate, search and print
- Standard dictionaries available in English, French, Spanish and Simplified Chinese
- Global and custom translation utilities provided
- Third-party or SYSPRO programs can be run from user-defined menu
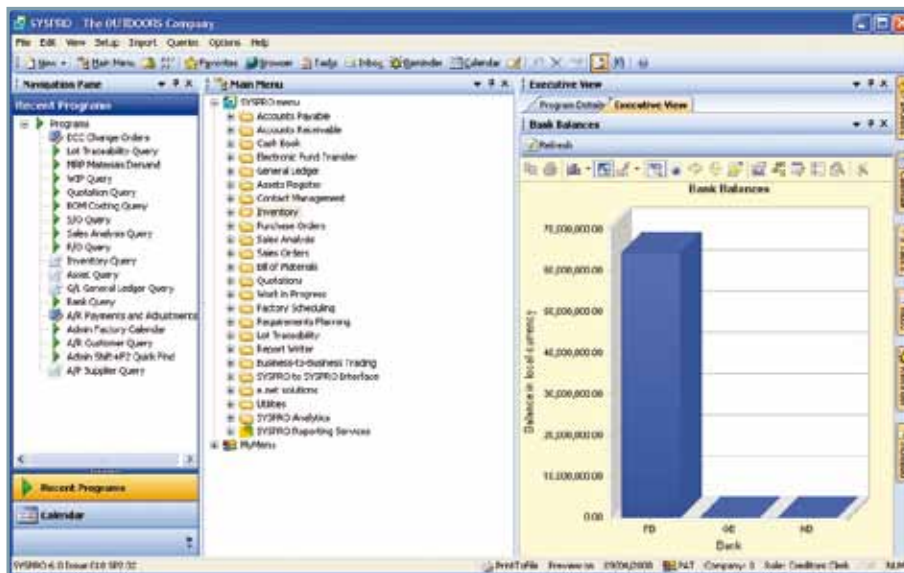
MANAGEMENT AND CONTROL

Electronic Funds Transfer

Objective
To facilitate electronic payment of Accounts Payable suppliers and Cash Book beneficiaries.

The value of Electronic Funds Transfer (EFT)
- Decrease transactional costs of beneficiary payments
- Achieve more accurate cash flow control
- Provide a paperless audit trail
- Reduce resource requirements
- Limit the risk of fraud
- Improve efficiency
- Control payment dates, thus reducing the risk of late payment penalties
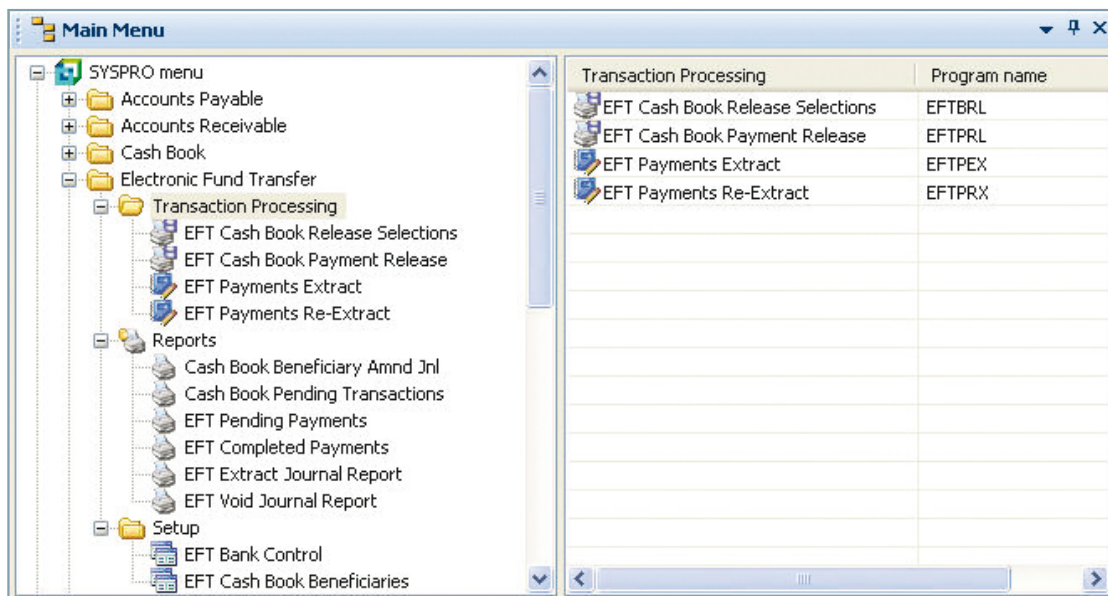
Matching Electronic Funds Transfer to your business
- Indicate per bank if Electronic Funds Transfer transactions are required
- Create custom forms and customize fields required to successfully pay a beneficiary electronically
- Additional validation for supplier banking details
- Capture banking details for Cash Book beneficiaries
- Define narration at company or supplier level
- Define security at activity and field level
- Define Electronic Funds Transfer remittance advice
- Customize ASCII file into bank-specific format
- Easily manipulate optional XML output for country-specific bank formats
- Combine Electronic Funds Transfer payments for both Accounts Payable suppliers and Cash Book beneficiaries into one bank batch file
- Post Accounts Payable Electronic Funds Transfer payments to the Cash Book in detail or in summary
- Local and foreign payments supported

MANAGEMENT AND CONTROL

SYSPRO Contact Management

Objective

To provide visibility of the communications (or activities) that occur between the touch-points of organizations, facilitate proactive intervention by management, improve relationships, and eliminate duplication of effort.

The value of Contact Management

- Improve customer and supplier service through instant on-screen access to all relevant information including touch-points with your company
- Improve new customer acquisition by allowing you to record and plan activities in a centralized environment against accounts
- Powerful, extensive and customizable query capability with multiple views
- Flexible activity posting and viewing
- Integration to Microsoft Outlook for sending and receiving email
- Integration to Microsoft Office for across-the-organization use of SYSPRO Contact Management information
- Structured addresses provide enhanced location support (including Microsoft MapPoint integration)
- Unlimited custom information held against each contact can be structured and viewed with appropriate validation
- Developed using the same technology as the rest of SYSPRO ERP and therefore works seamlessly with the rest of SYSPRO on Microsoft Windows and Unix platforms, using SQL and ISAM databases, and in a standalone or Client/Server environment

Querying and reporting

- Powerful and extensive query capability with multiple views
- Highly customizable look-and-feel. Uses docking panes and listviews to present information as you want to see it
- Drag-and-drop customization of new and existing fields
- Easy-to-use search for quickly finding contact information
- Quick zoom into Microsoft MapPoint at any appropriate address field
- SYSPRO Reporting Services used for reporting provides highly customized reports, exports, extracts and batch capabilities
- VBScript enabled for developer-level customization

MANAGEMENT AND CONTROL
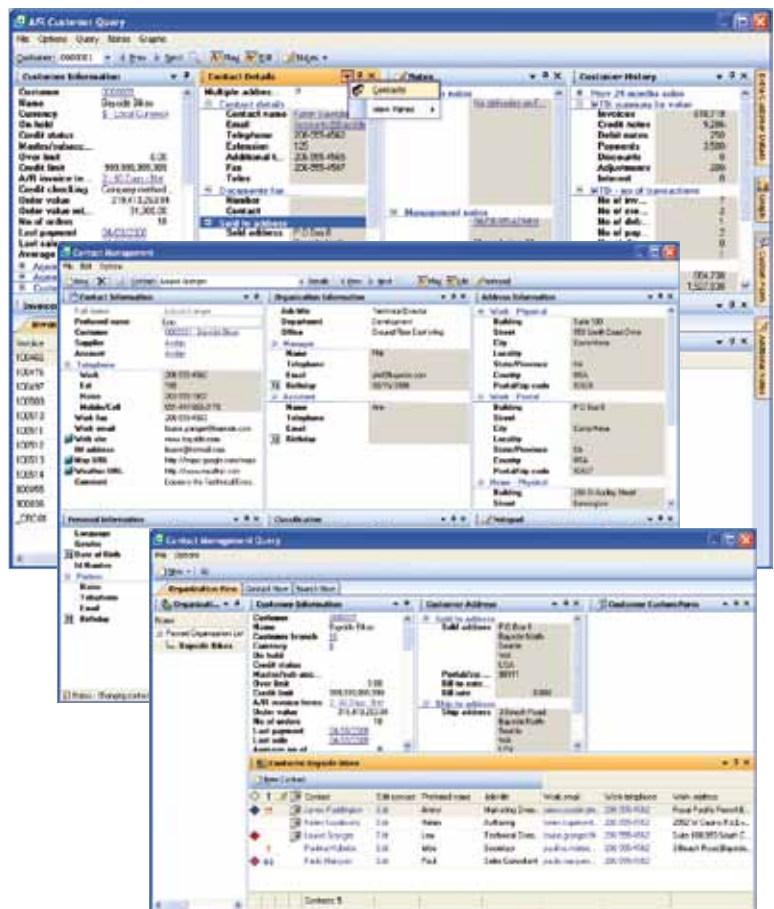
Office Automation and Messaging

Objective

To improve workflow communication and response times, both internally and externally, by emailing and faxing directly from within SYSPRO. In addition, the Event Management feature can accelerate action on critical events by automatically notifying key people or by running a program as the event occurs.

The value of Office Automation and Messaging

- Email notification from within Electronic Signatures
- Use Microsoft Word templates for document formats
- Email SYSPRO reports internally or externally
- Messages are saved in Microsoft Exchange In/Out box or any MAPI-compliant product (i.e. Lotus Notes)
- Supports virtually any other mail transport (e.g. SMTP) via VBScripting
- Uses the Microsoft Exchange address books to ensure accurate delivery of messages and reports
- Email messages are triggered by event management
- All events are automatically saved to a log file which can be queried on-screen and printed

Event management

- Monitor events as they happen and automatically notify one or more people
- Events can trigger email, run another SYSPRO program, run another application, or write to a log file for later review
- Customize triggers with effective dates
- Place standard variables in the command line to specify desired events
- Conditional logic adds intelligence to notification i.e. only the buyer of that item is emailed

MANAGEMENT AND CONTROL

Activity Based Costing

Objective
To associate elements of overhead cost with those products that cause them by applying the cost at the points of transition in the procurement, manufacturing and sales cycles.

The value of Activity Based Costing
- Adopt a migration approach, recovering additional overheads according to an implementation plan
- Attach user-defined elements of costs to transition points in the purchase, production and sale of products
- Apportion pre-production costs as stock is received from purchasing
- Apportion manufacturing costs as stock is received from Work in Progress
- Distribute post-production costs through cost of sales as the final item is invoiced
- Calculate single batch or item-based activities
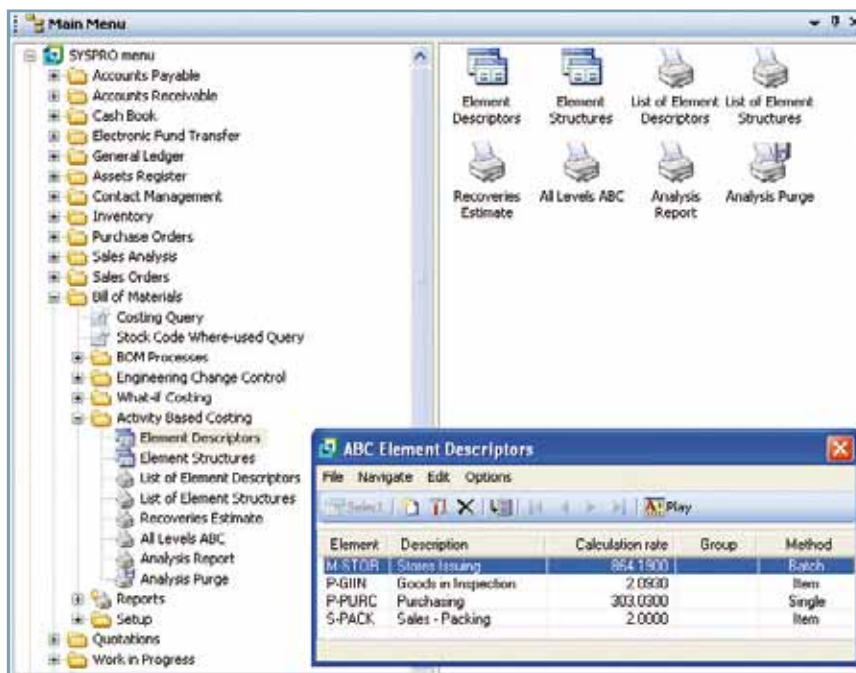
Matching Activity Based Costing to your business
- Define the cost elements required that are to be allocated to stock
- Assign the drive quantities for each element
- Run Activity Based Costing parallel to traditional costing during implementation
- Estimate appropriate recovering rates using system-generated estimates

MANAGEMENT AND CONTROL

Projects and Contracts

Objective

To facilitate accurate profit reporting for long-term projects that require the analysis of costs and revenues at each section or level within the contract or project.

The value of Projects and Contracts

- Highlight profitable areas within a job
- Identify profitable jobs within a contract
- Compare real-time, actual, and committed costs assigned to a job
- Show real-time, realized, and projected profits
- Perform comprehensive reporting for jobs and/or contracts that extend over a period of time
- Drill-down to transaction detail with job query
- Query jobs in terms of sales, billings, cost of sales and future expected costs
- Maintain standard hierarchies
- Analyze at job or contract level
- Create deposits, retentions and billing schedule based on different criteria

Matching Projects and Contracts to your business

- Assign multiple jobs to a contract for tracking purposes
- Estimate cost and revenue by levels or sections within a contract
- Define costing levels within a contract
- Assign unlimited numbers of heads to a contract
- Assign unlimited numbers of sections and sub-sections to a head
- Describe the costing hierarchy at the time of creating the job or estimate
- Reduce processing time by recalling standard costing hierarchies for similar items
- Attach purchase order lines to the relevant hierarchy level
- Associate material labor transactions with the relevant hierarchy level
- Recognize revenue through Sales Orders based on the costing hierarchy
- Adjust billing values between heads and sections
- Base flexible billing on contract or job hierarchy
- Apply deposit against first, last, or any progress payments
- Reduce final invoice by retention value
- Raise retention invoice after specified term

MANAGEMENT AND CONTROL
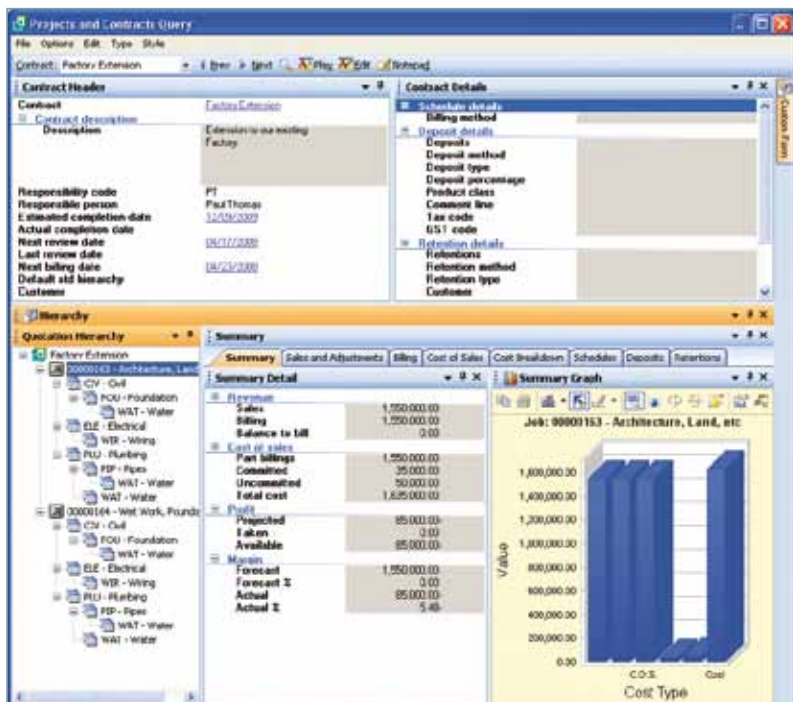
SYSPRO's Analysis and Reporting Solutions

Analysis & Reporting				
Executive Views	Sales Analysis	SYSPRO Analytics	Report Writer	SYSPRO Reporting Services
General Ledger Cost Analysis		Financial Ratios		Financial Reporting

SYSPRO's enterprise reporting solutions close the widening gap between the volume of data and the organization's ability to use it effectively. From the SYSPRO Analytics business decision tool through to standard and customized reports, boardroom quality reporting and executive dashboards, SYSPRO has all the building blocks required to produce simple to sophisticated enterprise reporting and queries.

Executive Views

Objective
Executive Views can be quickly and easily created using SYSPRO's customized pane technology.

The value of Executive Views
- Define views using built-in templates or construct custom views using VBScripting
- Out-of-the-box functionality provided by the built-in templates offers high-level views of your business and how it is performing
- Achieve a high level of interaction between customized panes and the standard SYSPRO product, enabling you to tailor the SYSPRO User Interface to exacting requirements
- Automate a customized pane to refresh itself after a specified period of time
- Deliver dynamic data alerts to anyone in the organization using the desktop alerts (pop-up windows) facility
- Drill down capability from a graph or list view
- Create virtually unlimited numbers of customized panes per SYSPRO application
- Include various objects such as a graph, web browser, list view, Crystal report or PDF document in a customized pane
- Display list views in a data grid
- Point the report viewer to a Crystal report (.rpt) at load time, or use a VBScript to dynamically view whatever report you wish
- Point the PDF viewer to a PDF document at load time, or use a VBScript to link PDF documents to key fields
- Hyperlink desktop alerts to SYSPRO programs or any other application
- Easily create and deploy an executive view to anyone in the organization using the export/ import feature
- Built-in VBScript functionality provides simple integration with SYSPRO e.net business objects, making data retrieval simple and allowing for functionality to be added to Executive Views
- Integration of external data into the SYSPRO Executive Views provides a single interface across systems

Matching Executive Views to your business
- Provide simple and pertinent presentation of transactional data into business information that can be acted upon
- Simplify the presentation of data for standardized use within a business
- Enhance efficiency by providing visibility to key information
- Define executive views per role to facilitate the distribution of decision-making data
- Manage proactively by having relevant information, real-time, at your fingertips
- Desktop alert notifications enable immediate action when values exceed defined tolerances

ANALYSIS AND REPORTING
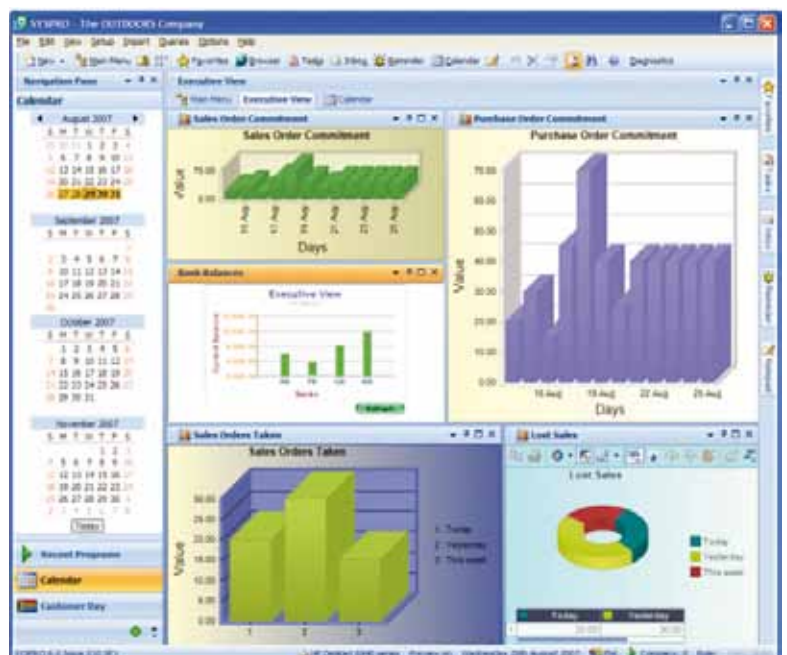
Sales Analysis

Objective
To provide accurate management information relating to sales activity in order to improve sales profitability and provide facilities for sales forecasting and planning at customer and product class levels.

The value of Sales Analysis
- Identify the most profitable customers
- Know which products are selling
- Analyze market trends and geographic buying patterns
- Calculate the profit generated by each product
- Determine which divisions of the business are selling
- Identify which salespeople are performing
- Instantly display sales performance for presentations and reports with business graphics
- Improve sales forecasting
- Measure actual performance against quantity or revenue forecasts
- Analyze tax collections
- Set targets against customers and/or products
- Compare against budgets per product group and/or sales person
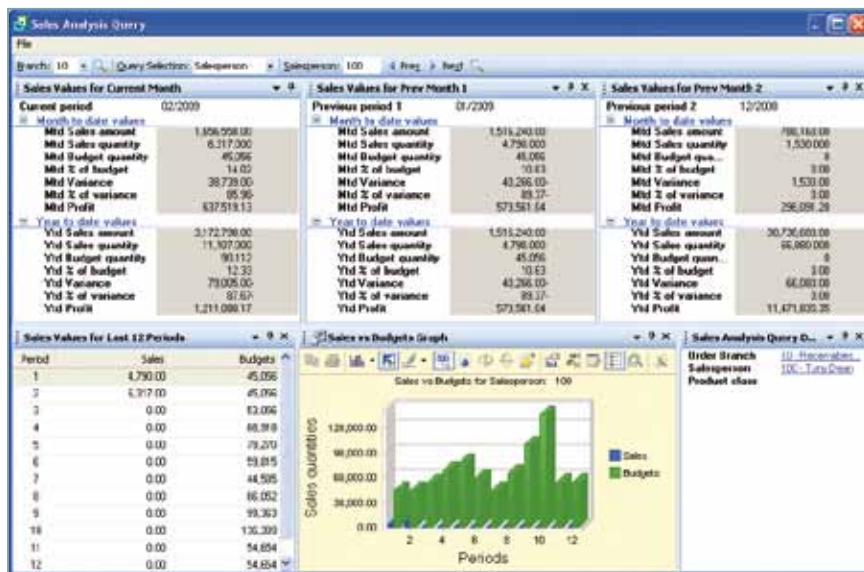
Matching Sales Analysis to your business
- Choose the data to analyze with user-defined sales history options
- Retain analysis against sub-accounts (branches) while invoicing the master account (head office)
- Create budgets (expected sales or quotas) for salespeople, customers and product lines utilizing user-defined time period for analysis (day, week, etc.)
- Retain up to 24 months of sales history on-line
- Protect the bottom line by checking that a minimum profit is realized on all sales
- Update sales analysis statistical files at any time
- Correct sales transactions without interrupting invoicing
- Update invoice and detailed line data on-line as invoices are printed
- Update statistical values separately to allow control of the contents of the Sales Analysis database

SYSPRO Analytics

Objective
To provide the ability to measure your business in today's highly competitive environment through an intuitive analytical framework that builds and supports the key performance indicators of your business, enabling proactive and strategic decision-making.

The value of SYSPRO Analytics
- Collect and transform relevant data into information and knowledge
- Monitor, measure and analyze information
- Make informed decisions based on the state of your business
- Templates eliminate the need to understand the source of the information
- Intuitively build the required processes and information storage through analysis objects and metric templates
- Scaleable and customizable to meet specific requirements
- Intuitive interface
- Customize template ETL (extract transform and load) processes to match your business requirements
- Back-end configuration
- Graphical and grid display of information
- Quick and easy to install and configure
- Export views to Microsoft Excel and PowerPoint
- Web Services for custom development
- Remove the need to understand the intricacies of business intelligence technology across systems

Matching SYSPRO Analytics to your business
- Access large amounts of historical data for trend analysis or simply compare this year to last
- Customize look, feel and content of graphs, grids and templates
- Fast access to complex queries across all business functions
- Analyze operational performance and monitor compliance
- Manage sales performance and track trends in customer activity
- Proactively measure product and reliability issues
- Monitor delivery and shipment trends and performance
- Deliver key information in an effective, efficient way
- Encourage interaction, analysis and exploration of key information
- Built on Microsoft .NET framework
- Create business rules through stored procedures
- Extend data for use by other analytical applications
- Include non-SYSPRO data for enterprise-wide decision making
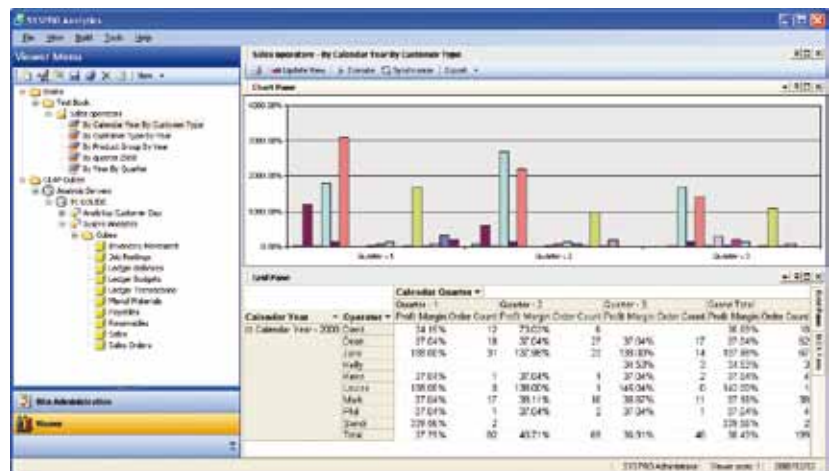
Report Writer

Objective
To fulfill your unique reporting requirements by enabling additional custom reports to be created without any programming skills.

The value of Report Writer
- Quickly and easily produce custom reports
- Click-and-go reporting via the report wizard
- Intuitive interface enables design by non-programmers
- Flexible reporting with run-time prompts
- Built-in data dictionary
- Easy integration to third-party sources
- Export data in multiple formats for third-party use
- Daisy-chain reports for management packs
- Multi-level security for sensitive reports and data
- Secured update function

Matching Report Writer to your business
- Custom report formatting to suit your company standards
- Bitmap backgrounds provide watermarks and company logos
- Report in default sequence or define up to 10 levels of custom sorting
- Flexible selection criteria based on run-time prompts
- Run-time selection of Summary or Detail reporting
- XML Output:
  - XML Output wizard guides you through publishing options
  - Customizable stylesheets for company themes or plain XML
  - Sophisticated layout control
  - Summary reports can drill down to detail
  - Automatic publishing to Intranet and Internet available
- Security:
  - Define password and operator or group-level security per report
  - Protect report creation and execution
  - Password protect specific tables
  - Globally restrict access to tables and columns
- Standard linkages for easy reporting across multiple tables
- Export report definitions between locations
- Provide instruction with report narrations
- Zero programming skills required

ANALYSIS AND REPORTING
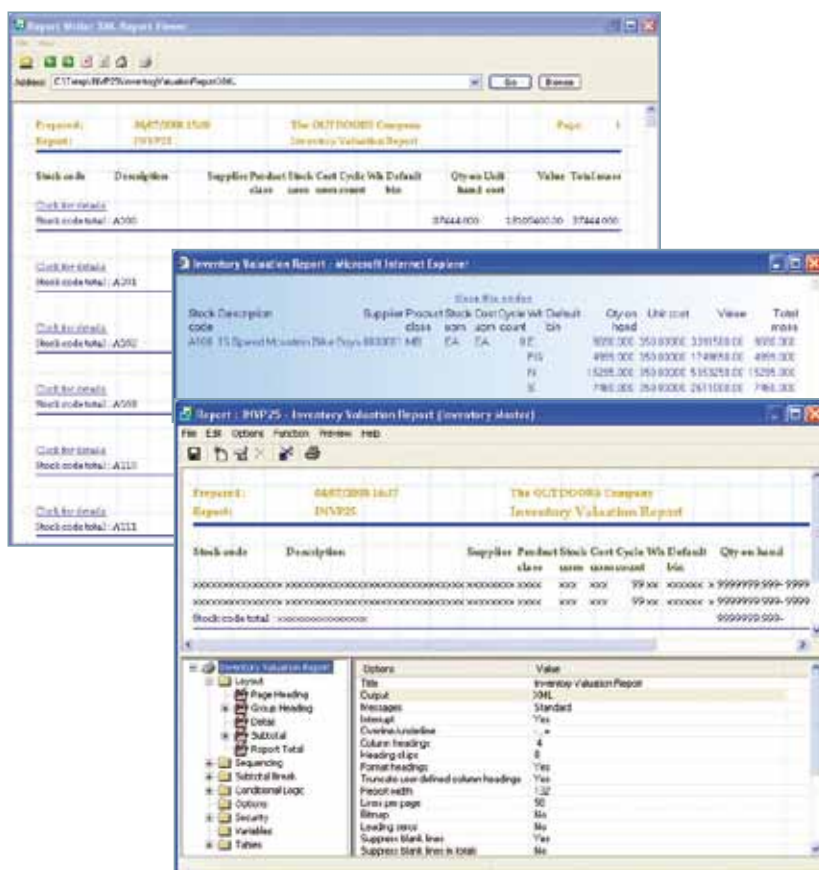
SYSPRO Reporting Services

Objective

To provide a next-generation reporting solution that produces high-quality professional reports and documents, with the flexibility of customization and the convenience of archiving and scheduling.

The value of SYSPRO Reporting Services

- Report archiving facility facilitates a paperless environment
- Protect reports from changes in technology upgrades
- Run multiple reports simultaneously in the background
- Dynamically filter report contents
- Conveniently schedule reports
- Report completion notification
- Live report pages with interactive hyperlinks
- Fast and efficient retrieval of report history and archived reports
- Automatic translation of report headings into specific languages
- Email documents in PDF format for security
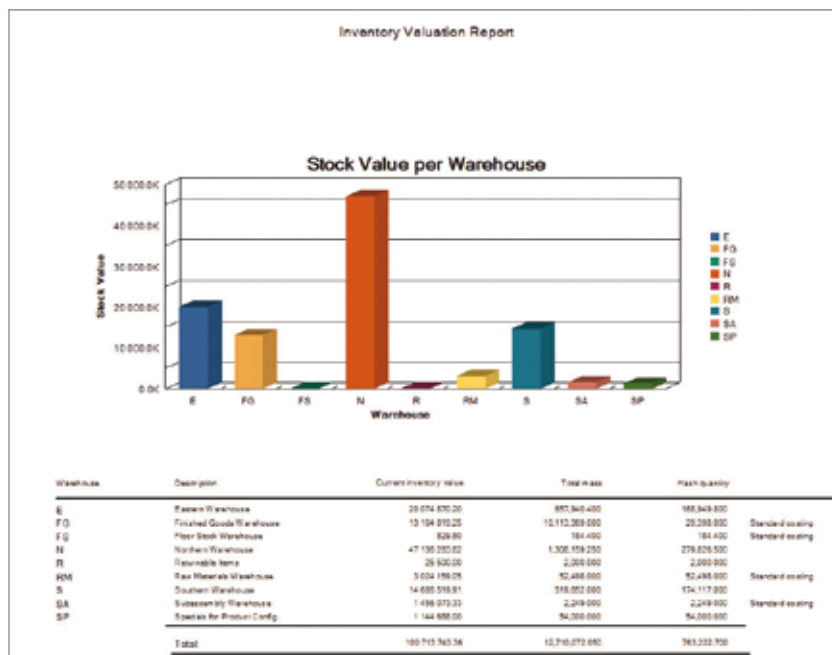
Matching SYSPRO Reporting Services to your business

- Configure forms for report options and preferences
- Customize report fields, layout and themes
- Share reports between users and companies
- Protect access to information
- Publish multi-format documents
- Offers alternative to Microsoft Word printing
- Customize any standard SYSPRO report to match your requirements
- Utilize the extensive power of Crystal XI report writing
- Create additional reports using SYSPRO e.net business objects or link directly to the data source
- Include data from external data sources

General Ledger Cost Analysis

Objective
Provide detailed analysis of the values distributed to accounts without the need to create additional, unnecessary accounts in General Ledger.

The value of General Ledger Cost Analysis
- Streamline your chart of accounts by reducing the number of individual ledger accounts for specific expenses
- Ideal for expense accounts such as travelling, repairs and maintenance, general expenses or donations
- Create analysis categories to facilitate required analysis while reporting the totals in the financial statements
- Eliminates the need to manually analyze General Ledger accounts after the fact
- Detailed distribution to analysis categories is enforced throughout the system
- Quick and easy analysis of expenses in queries and reports
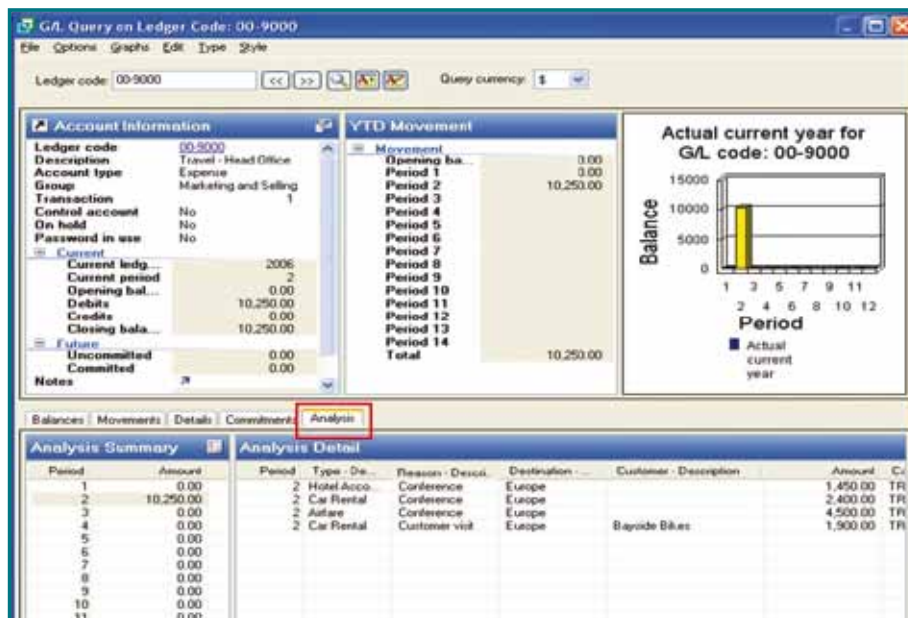
Matching General Ledger Cost Analysis to your business
- Create your own analysis categories
- Define up to five analysis types per category with unlimited sub-categories per analysis type
- Easily track expense details within one General Ledger account
- Eliminate unnecessary accounts in your General Ledger
- View analysis details in the General Ledger Query
- Analyze expenses using graphs with supporting details in SYSPRO Reporting Services reports
- Post to analysis categories where the expense transaction is recorded

ANALYSIS AND REPORTING

Financial Ratios

Objective

Financial Ratios enable the health of an organization to be assessed at a glance, resulting in real-time monitoring and effective decision-making.
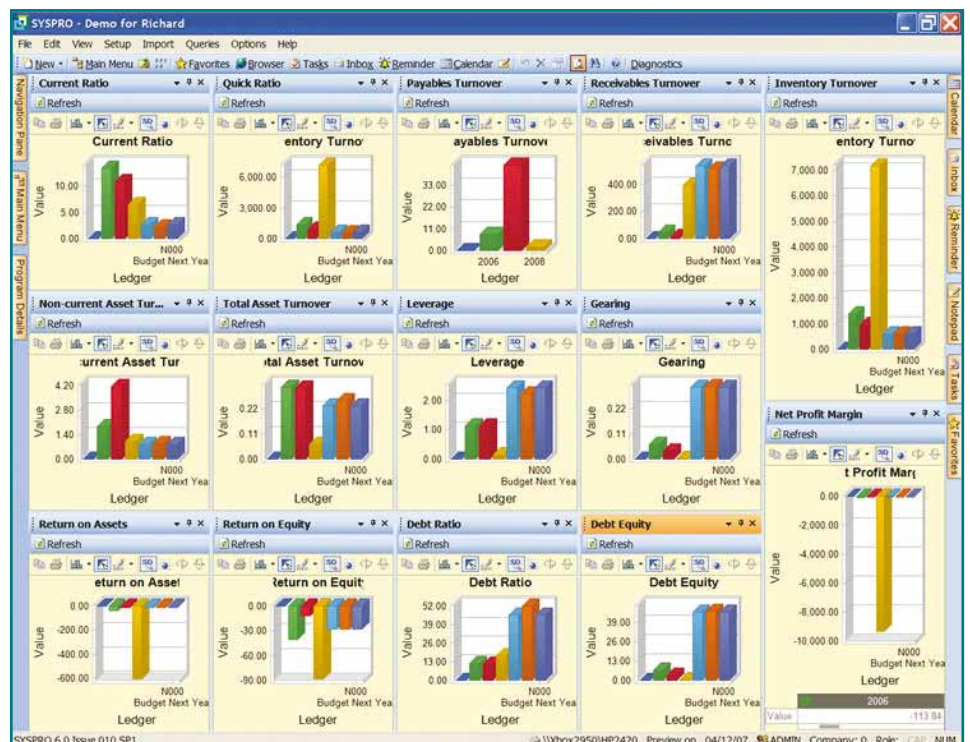
The value of Financial Ratios

- Provide real-time views of liquidity and solvency
- Easily incorporate financial ratios in any customized pane or executive view
- Monitor operational effects on the balance sheet and income statement
- Queries have drill-down capabilities to source documents
- Address investors' concerns over the ability to generate revenue and profits from investments
- Produce reports in summary and detail, with graphs and SYSPRO Reporting Services
- View all defined financial ratios using Ratio Analysis Query
- Well-suited to top executives requiring boardroom reporting, real-time performance monitoring, and detailed analysis

Matching Financial Ratios to your business

- Provide real-time access to key information by adding the relevant financial ratios to decision-makers' dashboards
- Measure the effectiveness of the business using the cash conversion cycle and a combination of activity ratios
- Monitor efficiency using turnover ratios for non-current asset, total asset turnover, payables, receivables and inventory
- Measure value using profitability ratios such as net profit margin, return on assets and return on equity
- Measure liquidity using the Current Ratio and the Quick Ratio (a.k.a. Acid Test Ratio)
- Measure solvency using Debt Ratio, Debt Equity, Leverage and Gearing
- Measure the rate of return to stockholders using the Du Pont Analysis
- Monitor daily operating liquidity using the Working Capital Cycle
- Financial Statement Query showing income statement and balance sheet details for all or selected ledgers
- Real-time financial statement query shows summary and details of balance sheet and income statement
- Ability to compare the current financial performance of the organization against previous years, budgets, investors' expectations, a competitor, or the industry average

Financial Reporting

Objective
Enables the generation of any number of financial statements in multiple output formats to meet the requirements of your organization.

The value of General Financial Reporting
- Cater for single entities as well as multi-company reporting
- Provide the ability to produce comparative analysis between financial years, actual to budget, companies or branches
- Optionally publish reports in Extensible Markup Language (XML) and also allows reporting to Extensible Business Reporting Language (XBRL) standard
- Conveniently view XML reports outside of SYSPRO on the Internet or company Intranet in HTML format using a standard Internet browser
- XML reports provide drill-down capability, optionally to source documents if viewed from within SYSPRO
- Financial reports can be printed, viewed on-line or extracted
- Multiple Sections print information from more than one ledger code across the same print line
- Sample templates for Balance Sheet and Income Statement assist you in writing reports quickly

Matching Financial Reporting to your business
- Create an unlimited number of user-defined financial reports to suit your business requirements
- Generate Income Statements by department
- Authorized users can view XML output using the SYSPRO browser which enables drill down to source transaction
- Process journal entries real-time into SYSPRO's multi-period General Ledger while viewing an HTML style report
- Efficient definition of financial reports with convenient in-line editing from the output screen
- Flexible design capabilities allows reporting from multiple companies, periods and years
- Run-time prompts allow for better flexibility when running reports
- Flexible account selection options including the ability to use wildcards or select by a user-defined Group code
- Companies can be selected at run-time or defined at line level

ANALYSIS AND REPORTING

SYSPRO's Planning Solutions

Planning

Inventory Forecasting	Inventory Families & Groupings	Budgeting & Targets
SYSPRO Factory Scheduling	Requirements Planning	Inventory Optimization

These SYSPRO solutions include the functionality to handle the more complex facets of planning within your organization. The solutions within this sphere cover the full breadth of all planning from the factory floor to the executive boardroom.
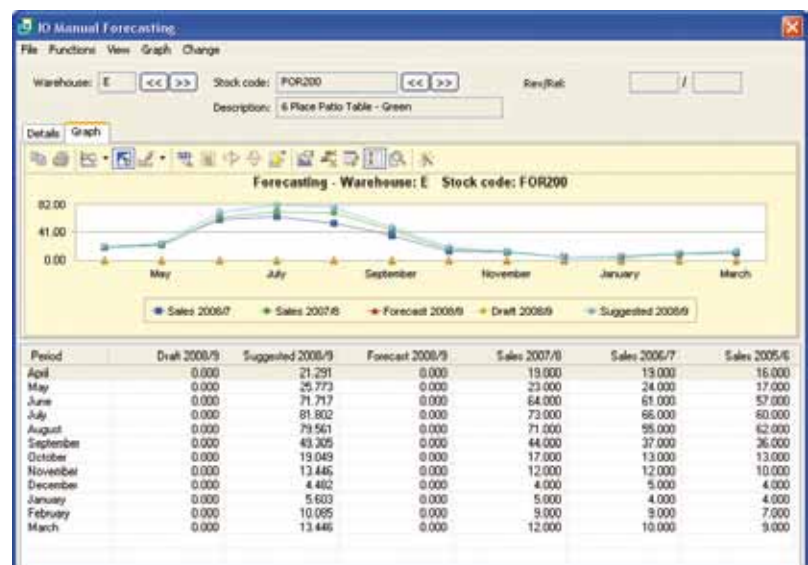
Inventory Forecasting

Objective
To provide the data and tools to produce sales forecasts as well as the means to measure the quality of the forecast.

The value of Inventory Forecasting
- Forecast at item/warehouse level
- Variety of forecast algorithms including a competition method
- Set default algorithms at company or stock code levels
- Ability to handle seasonality
- Manually or automatically remove outliers and anomalies
- Facility to edit history
- Utilize monthly or weekly time buckets
- Define multiple calendars
- Determine forecast horizon up to 24 months
- Improve visibility with graphical output
- Edit suggested forecast to reflect market intelligence
- Store three or more years of history
- Use of proxy to forecast items with no history
- Batch updating of forecast parameters

Matching Inventory Forecasting to your business
- Powerful Pareto (ABC) Analysis enables easy identification of the items that contribute most to the business
- Store parameter analysis sets that can carry through the entire process
- Analyze product performance at stock code, warehouse, product class, supplier, planner or buyer level
- Analyze sales value, gross profit, cost of sales, quantity sold or hits (invoice line occurrences) with Pareto
- Automatically update history in real time
- Forecast in batch or manually - manual forecast items typically need market intelligence, or are of critical importance to the business
- Compare the manual forecast with computer recommended forecast
- Control and validate the forecast before it becomes active
- Convert approved forecast to current forecast with Requirements Planning
- Edit history to exclude specific invoices or outliers, or to make manual adjustments

IO Manual Forecasting

File   Functions   View   Graph   Change

Warehouse: E   Stock code: FOR200   Rev/Rel:

Description: 6 Place Patio Table - Green

Details   Graph

Forecasting - Warehouse: E   Stock code: FOR200

● Sales 2006/7   ◆ Sales 2007/8   ✱ Forecast 2008/9   ◆ Draft 2008/9   ● Suggested 2008/9

Period	Draft 2008/9	Suggested 2008/9	Forecast 2008/9	Sales 2007/8	Sales 2006/7	Sales 2005/6
April	0.000	21.291	0.000	19.000	19.000	16.000
May	0.000	25.773	0.000	23.000	24.000	17.000
June	0.000	71.717	0.000	64.000	61.000	57.000
July	0.000	81.802	0.000	73.000	66.000	60.000
August	0.000	79.561	0.000	71.000	55.000	62.000
September	0.000	43.305	0.000	44.000	37.000	26.000
October	0.000	19.049	0.000	17.000	13.000	13.000
November	0.000	13.446	0.000	12.000	12.000	10.000
December	0.000	4.482	0.000	4.000	5.000	4.000
January	0.000	5.603	0.000	5.000	4.000	4.000
February	0.000	10.085	0.000	9.000	9.000	7.000
March	0.000	13.446	0.000	12.000	10.000	9.000

Inventory Families and Groupings

Objective

To provide the tools to arrange 'collections' of SKUs (stock keeping units) into families of products and groupings of like items. These collections provide a high-level view of items, from which sales forecasts can be produced and the quality of the forecast can be measured. A significant feature is the ability to group warehouses of forecasting at a regional or territory level for Logistical or Supply Chain purposes. This also enables forecasts to be generated at a brand level to facilitate a clearer marketing picture.

The value of Inventory Families and Groupings

- Establish families or groupings of SKUs using SYSPRO's unique collections capability with hierarchical structures for brand or product type views
- Consolidate SKUs with different pack sizes using an alternative, common unit of measure
- Forecast at regional or territory level by consolidating warehouses for logistical or supply chain purposes
- Aggregate sales history of the collection members to enable a forecast at collection level and then disaggregate collection forecast back to SKU level
- Facility to edit history at collection level
- Variety of forecasting algorithms, including a competition method which automatically selects the best algorithm for the collection
- Forecast using sales value, cost value, quantity or gross profit as the basis
- Set default algorithms at company or collection level
- Detect seasonality and apply forecasts to seasonal data with trending if present
- Manually or automatically remove outliers and anomalies
- Use SKU history of three or more years
- Utilize monthly or weekly time buckets
- Determine forecast horizon up to 24 months
- Improve visibility with graphical output
- Edit suggested forecast to reflect market intelligence

Matching Inventory Families and Groupings to your business

- Very powerful Pareto (ABC) Analysis provides ranking of the items within each collection
- Generate and review forecasts at various levels in the family hierarchy (grandfather, father, child)
- Multi-level analysis of family performance over time
- Analyze sales value, gross profit, cost of sales, quantity sold or hits (invoice line occurrences) using Pareto capability
- Automatically update collection history in real time
- Compare manual forecast with computer recommended forecast
- Control and validate the forecast before activating

SYSPRO Factory Scheduling

Objective

The SYSPRO Factory Scheduling products give you the ability to schedule the production in your factory to a detailed level considering the capacity constraints in your environment. You have the option of three products, ranging from the simple Graphical Planning Board to the very sophisticated Advanced Scheduler; the latter being classified as an APS (Advanced Planning and Scheduling) system.

The value of SYSPRO Factory Scheduling

- Develop feasible production schedules considering resource availability, constraints, shift patterns etc.
- Provide insight into the progress of specific jobs
- Highlight jobs that will be late and allow focus on these jobs
- Provide insight into the expected utilization of resources for managing shift patterns and schedule maintenance accordingly
- Provide accurate delivery dates to customers (especially in a make-to-order environment)
- Close the loop of communication between sales people, schedulers and the production floor
- Achieve the right balance between flexible set-up and simplicity
- Eliminate duplication of data entry/maintenance - the routing and Bills of Material as set up in the WIP module is used for scheduling

Matching SYSPRO Factory Scheduling to your business

- Select the level of product that is best suited for your business
- Configure the solution to model your factory using simple data set-up options
- Develop simple or sophisticated scheduling and pegging rules, customized to your specific environment and requirements
- Integrate the solution with existing shop floor systems using import/export and communication tools provided
- Use event script and event calendars to customize the solution to your requirements
- Define stock code attributes (e.g. color, width etc.) to schedule and optimize the sequencing of production
- Use the simple report writer to generate required reports
- Publish schedule Gantt charts in HTML format to your Intranet
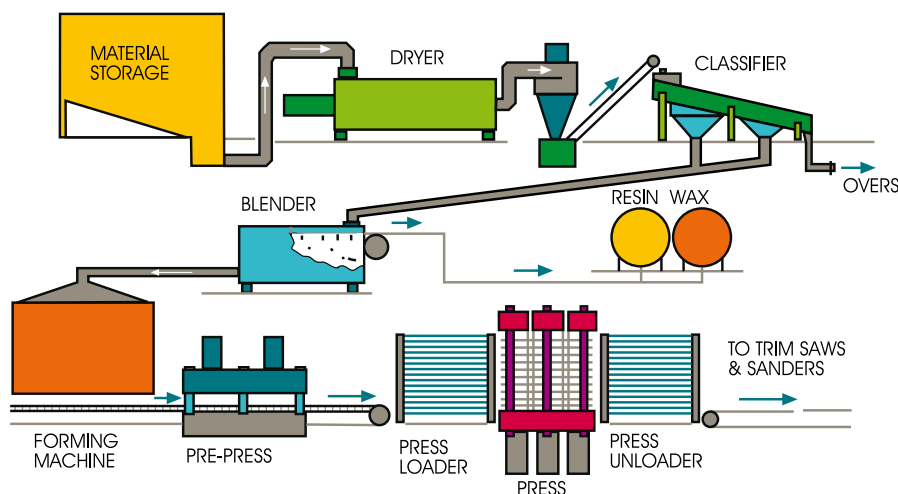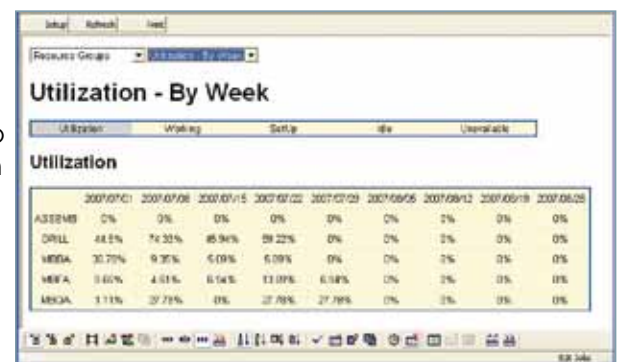
PLANNING

Requirements Planning

Objective

To create realistic purchasing and production schedules, optimize stock holdings and identify capacity constraints in a multi-site and multi-warehouse environment.

The value of Requirements Planning

- Meet demand with effective planning of required material and production capacity
- Identify usage of critical resources with rough-cut capacity planning
- Easily create build schedules from Master Production Schedule (MPS) suggestions
- Suggest purchasing, production and transfer schedules to satisfy demand
- Create and amend purchase orders and jobs based on suggestions with powerful, on-screen reviews
- Test plans before updating the live system with 'snapshot' functionality
- Control inventory levels by identifying potential over-supply
- Avoid bottlenecks by reviewing average que times
- Manage lot traceable items including tracking expiry dates
- Preview reports to screen and email capabilities

Matching Requirements Planning to your business

- Calculate material and capacity requirements under an infinite or finite capacity assumption
- Create actual purchase orders, work orders or requisitions from suggestions
- Generate supply chain transfers from suggestions for transfers between warehouses
- Accept suggested changes to existing purchase orders and jobs based on changes in demand
- Detailed pegging information available in queries and reports
- Define gross requirements rules per item
- Define planning frequencies, lead times and planning horizons for time fence indicators
- Query material requirements planning calculation results with pegging details
- View capacity load in a bar chart or report form
- Quickly identify overloaded work centers
- Critical resource queries facilitate effective planning
- View and report planning details in any time period with bucketless environment
- Optional inclusion/ exclusion of requisition users

Budgeting and Targets

Objective
This outlines an organizations planned sales expenditures for a given time period based on their expected performance.

The value of Budgets and Targets
- Projected targets against Customers, Product Classes or user-defined Sales History Targets, enable Sales People and Management to project future sales from a number of angles
- Performance and Achievement reports can be printed to enable comparisons between actual and projected targets
- To assist in establishing Sales Targets the system projects Forecasts based on past sales and integrated algorithms
- Budgets against GL accounts enable comparative analysis and reporting between Actual and Budgets, as well as 8 alternate budgets, which could contain for example alternate projections or revised budgets

Matching Budgets and Targets to your business
- The General Ledger System allows for current year budgets, next year budgets and 8 alternate budgets
- General ledger budgets can be posted to each individual period, or a fixed amount spread evenly across all periods, or a fixed amount spread across all periods based on the defined budget spread
- Budgets can also be copied from one budget to another and a % increase applied
- An import facility exists, for those companies who have an external budgeting system and would like to import these into the General Ledger once approved
- The Sales History key is user-defined, so can be tailored to a company's own key Sales criteria.
- Once defined targets can be established per Sales criteria
- Commitment Accounting provides the facility to check Budget consumption and availability when entering Purchases

PLANNING
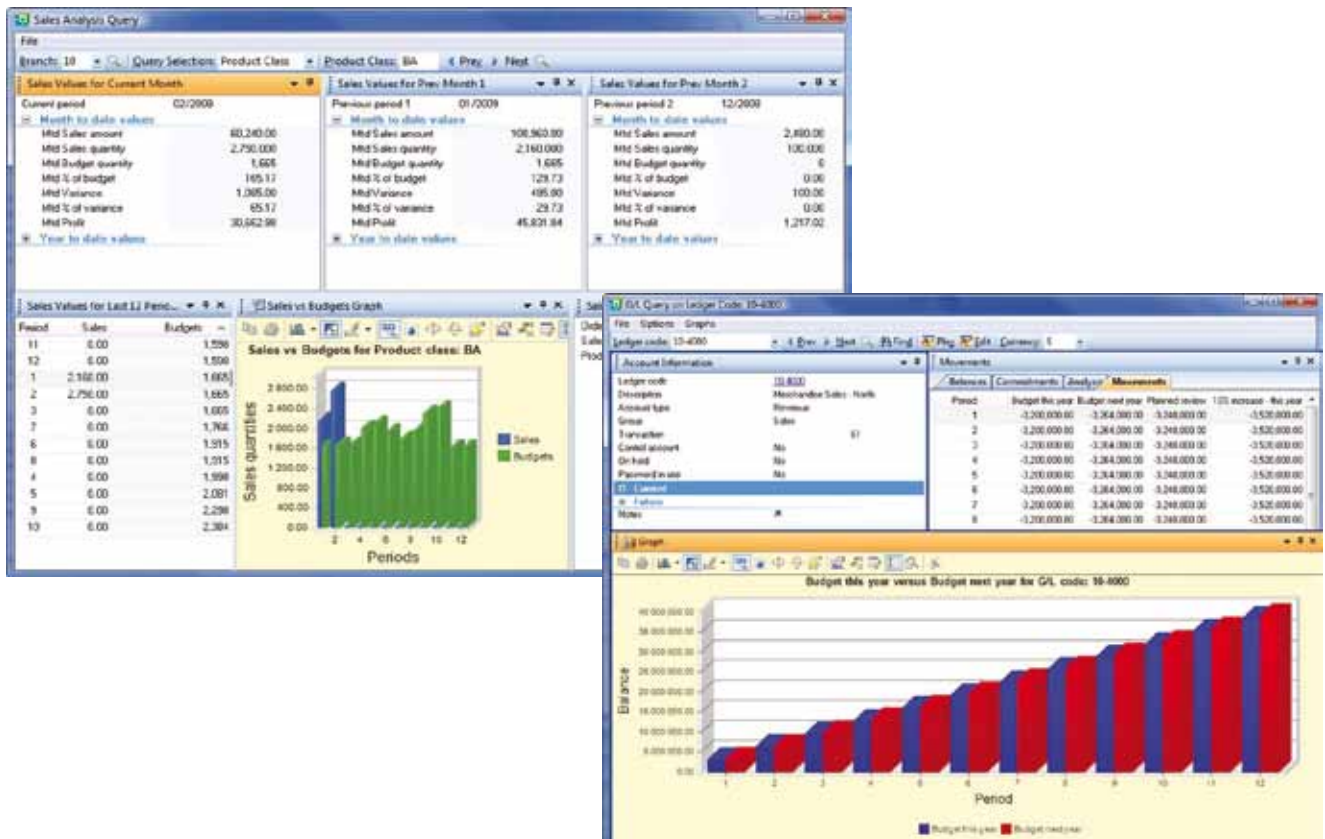
SYSPRO™

Africa and the Middle East

SYSPRO (Pty) Limited
Block A
Sunninghill Place
9 Simba Road
Sunninghill
Johannesburg
2191
South Africa
Tel: +27 (0) 11 461 1000
Fax: +27 (0) 11 807 4962
Email: info@za.syspro.com

Asia Pacific

SYSPRO Software Pty Limited
Level 5, 113 Wicks Road
North Ryde (Sydney) NSW 2113
Australia
Tel: +61 (2) 9870 5555
Fax: +61 (2) 9889 5566
Email: info@syspro.com.au
All enquiries:
Australia: 1300 882 311
Singapore toll free: 800 616 2209
Malaysia toll free: 1800 812 655
Indonesia toll free: 0018 0306 121 62

Canada

SYSPRO Software Limited
4400 Dominion Street
Suite 215
Burnaby (Vancouver)
British Columbia
Canada
V5G 4G3
Tel: +1 (604) 451-8889
Fax: +1 (604) 451-8834
Email: info@ca.syspro.com

UK & Europe

K3 Business Technology Group
Baltimore House
50 Kansas Avenue
Salford Quays
Manchester
United Kingdom
M50 2GL
Tel: +44 161 876 4498
Fax: +44 161 876 4502
Email: syspro@k3btg.com

USA & Americas

SYSPRO Impact Software, Inc.
959 South Coast Drive, Suite 100
Costa Mesa, (Los Angeles region)
California
92626
USA
Tel: +1 (714) 437 1000
Fax: +1 (714) 437 1407
Toll free: (800) 369-8649
Email: info@us.syspro.com

www.syspro.com