



SYSPRO Integration Framework

ΣΥΣΤΗΜΑ ΟΛΟΚΛΗΡΩΣΗΣ ΠΛΑΤΕΡΜΑΤΟΣ



Simplifying your Success

Introducing SYSPRO

SYSPRO is an internationally-recognized, leading provider of enterprise business solutions. Formed in 1978, SYSPRO was one of the first software vendors to develop an Enterprise Resource Planning (ERP) solution. Today, SYSPRO is a global business solutions vendor, represented on six continents and by more than 1600 channel and support partners. Thousands of companies across a broad spectrum of industries in over 60 countries trust SYSPRO as the platform on which to manage their business processes.



Customer focus is a core component of SYSPRO's corporate culture and is one of the key reasons why SYSPRO maintains a strong leadership position in the enterprise application market. By focusing on people and building lasting relationships with customers and partners, SYSPRO consistently excels at guiding customers through all aspects of their implementation and ongoing usage. The aim is to deliver world-class software that gives customers the control, insight and agility they need for a competitive advantage in a global economy. As such, SYSPRO provides a unique combination of robust, scalable technologies that ensure minimal risk and a high return on investment.

SYSPRO is continually developing remarkable software that simplifies operational effectiveness and keeps customers in control of their businesses. Our vision is focused on meeting customer needs today and in the future.

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The need for integration

Studies have shown that many companies, especially those in supply chain and manufacturing, use at least two business software applications that need to exchange information. Increasingly, organizations want to connect external devices, such as tablets and scanners, to their business software. The need for integration is to improve information sharing, reduce duplicate data entry and enable data to be stored in one place for consolidated reporting and analysis.

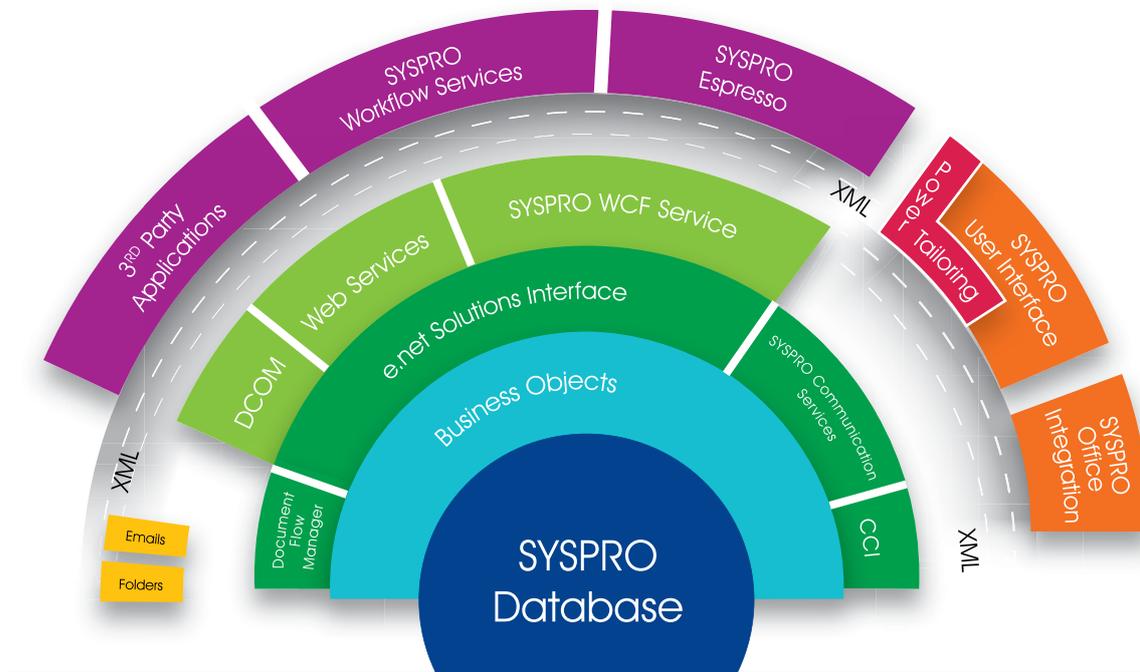
Do you want to:

- Allow customers to email you orders, or place orders over the Internet, without having to recapture the information manually?
- Let trusted suppliers update the status of an order on your system?
- Perform a stock-take with a handheld device?
- Enable web access so that your mobile workforce can query stock and place orders while on the road?
- Integrate an industry-specific application with SYSPRO?
- Be sure you can upgrade to a newer version of SYSPRO without worrying about re-writing custom programs?
- Easily customize SYSPRO's business functionality to suit your specific requirements?
- Use Microsoft Word and Excel to display information from SYSPRO?

SYSPRO Integration Framework

SYSPRO Integration Framework enables you to extend your SYSPRO ERP application to work with other systems within the enterprise, and to extend beyond the enterprise. It encourages:

- integration with other line-of-business third-party products
- information interchange with external devices
- access to applications via the web
- easier collaboration and information sharing with business partners,
- improvements to the user interface



SYSPRO Integration Framework is comprised of three service areas:

1. SYSPRO e.net Solutions
2. SYSPRO Client Interface
3. SYSPRO Document Flow Manager

These services are tightly integrated with the SYSPRO application business logic and data, and pass information to external applications and client systems via standards-based formats – XML and Windows Communication Foundation.

SYSPRO e.net Solutions

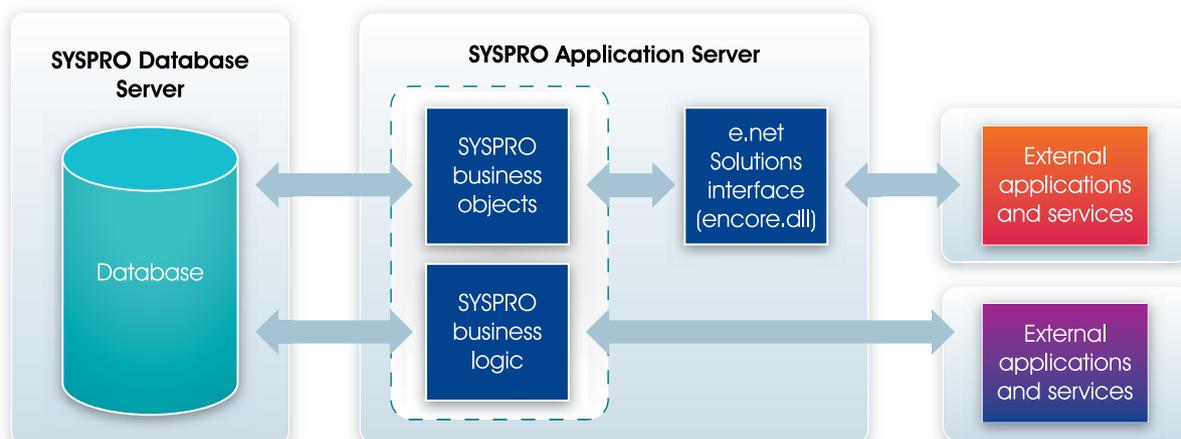
Based on the Microsoft .NET Framework, SYSPRO e.net Solutions provides the API (application program interface) that allows the SYSPRO system to support service oriented architectures (SOA). This type of architecture enables organizations to integrate third-party line-of-business software, external devices, and cloud-based applications with the SYSPRO ERP.

SYSPRO e.net Solutions provides:

- a simplified development environment in which developers can customize SYSPRO's business functionality to suit end-user requirements
- an infrastructure that helps users integrate third-party applications to SYSPRO
- direct access to SYSPRO data using external devices

By enabling a standard interface for integrating to SYSPRO, using industry-standard technologies, custom-built business applications can be created which use SYSPRO business logic and access control. SYSPRO e.net Solutions can also be used for integrating SYSPRO with existing third-party business systems, both within the organization as well as external systems.

Working through the e.net Solutions interface maintains the messaging, security, identity and transaction capabilities in the core SYSPRO ERP system. To provide a consistent and simplified access to the functionality and business logic in the system, SYSPRO provides 'business objects'. These are executable code objects supporting an area of business logic that is part of the SYSPRO ERP (e.g., posting a transaction); business objects share the SYSPRO security model and business logic, and allow external applications to access data without comprising SYSPRO data security and integrity.





Benefits of e.net Solutions:

- Lowered total cost of ownership – custom programs do not have to be rewritten when upgrading to a new release of SYSPRO
- Simplified application development environment – developers do not need to understand SYSPRO’s database and can focus on delivering new applications
- Reduced development maintenance costs – developers do not directly access the database and are therefore shielded from any changes to the database
- Secure interface to SYSPRO database – the security rules inherent in SYSPRO are built into the component framework and the business objects
- Version independence – the component interface can evolve while maintaining backwards compatibility because it uses XML to pass parameters and data between SYSPRO and the calling application
- Proven technologies – the component framework is built to the COM specification and makes extensive use of XML
- Customer-focused applications – it allows the creation of applications that meet your specific needs
- Reduced network traffic – the component framework reduces the amount of network traffic required to retrieve data from the business objects

SYSPRO Client Interface

Using its SOA technology, SYSPRO is able to deliver a powerful and adaptable client interface via two sub-services:

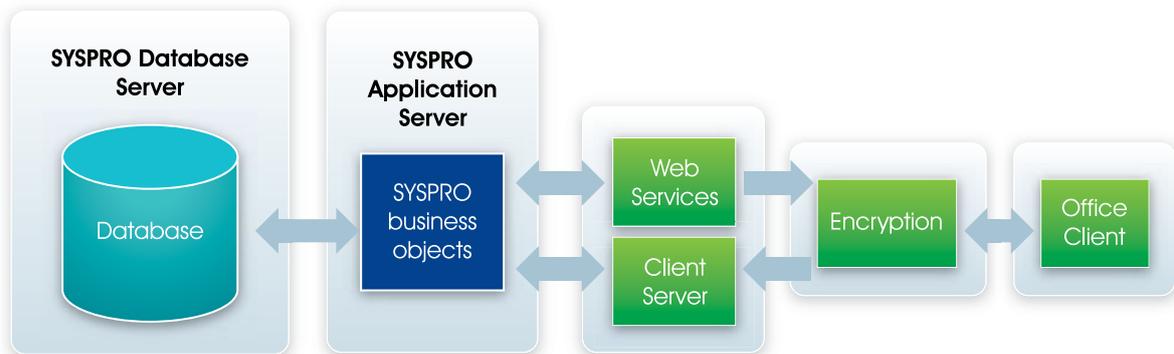
- SYSPRO Office Integration
- SYSPRO Communication Service

SYSPRO Office Integration

Many users are familiar with the user interface and experience of Microsoft Office products (Word, Excel). SYSPRO Office Integration (SOI) enables users to access and query information from the SYSPRO ERP – and this without SYSPRO being installed on their computer. Once the information has been displayed it can be inserted directly into the current document as simple text or tables.

SOI also allows users to synchronize email activities between Microsoft Outlook and SYSPRO Contact Management.

The business logic within SYSPRO ensures that all data access is controlled and secure.



Benefits of SYSPRO Office Integration

- Sharing data with Microsoft Office applications
- Zero-cost deployment
- Use Microsoft Outlook for emailing from SYSPRO
- Data can be instantly shared with an Excel spread sheet from any list view in SYSPRO

Other features of SYSPRO Office Integration

- Built-in charts
- Customizable search capability
- Remote access to SYSPRO information without SYSPRO being installed locally
- Send and receive emails in Microsoft Outlook and simultaneously record the messages in the SYSPRO Contact Management System
- Use Microsoft Word as the print mechanism for documents such as invoices, orders and statements





SYSPRO Communication Service

SYSPRO Communication Service is a new architecture that allows for communication between the SYSPRO application server and SYSPRO client over local area or wide area networks. SYSPRO Communication Architecture is better able to handle newer network architectures than the older CCI communication technology.

SYSPRO Communication Service is built upon Windows Communication Framework and has been developed to better support communication and data transfer over the Internet. It runs on the SYS-PRO application server, and clients are configured to connect to the service.

Benefits

- Improved network performance
- Can specifically define the port used to communicate between client and server
- Provides more control over security and firewall settings for network administrators
- Enables a richer user experience for SYSPRO users across a cloud infrastructure
- Requires only a single SYSPRO service on the application server
- Auto-detect and repair runaway processes on the server

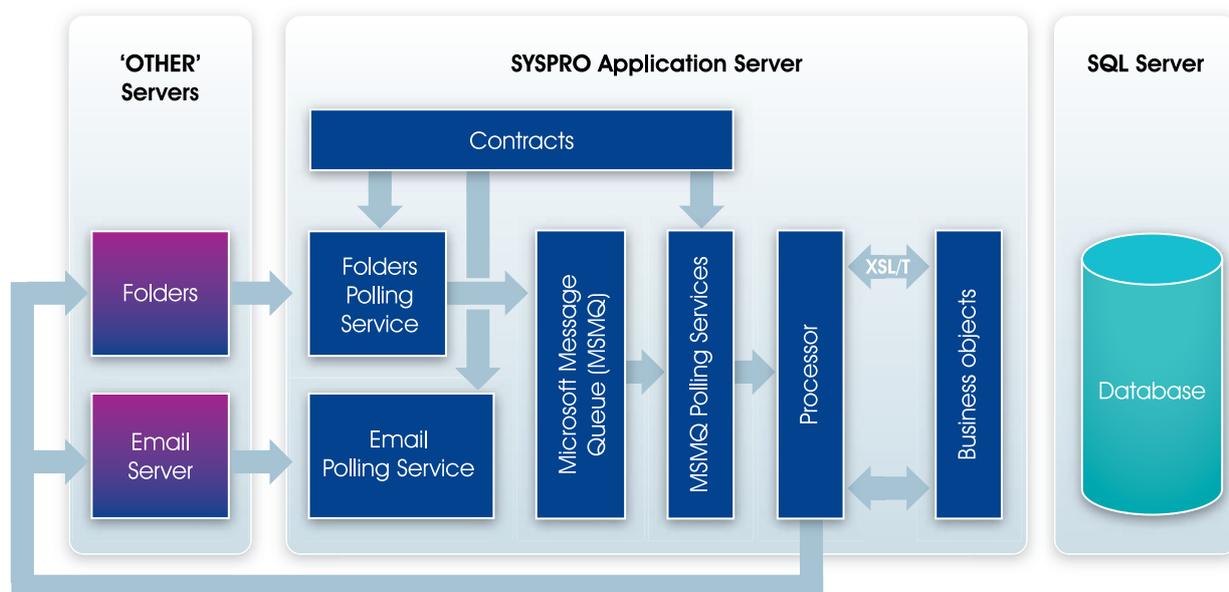


SYSPRO Document Flow Manager

Document Flow Management (DFM) is designed to facilitate collaborative commerce by automating document flow. DFM automates the processing of incoming and outgoing documents such as sales orders and purchase orders. These documents can originate from external organizations or from another application within the same organization.

Because documents can be processed without operator intervention, DFM allows an organization to receive and process orders and queries 24 hours a day, 7 days a week, thus providing an automated, global, business-to-business gateway.

DFM reads and transmits XML transactions in real time by continually checking predetermined folders or email addresses on a Microsoft Exchange server. When a predefined XML transaction is identified by DFM, it automatically invokes a SYSPRO business object to process the received transaction. DFM can also transmit the reply from the business object to an e-mail address or to another business object for further processing.



Benefits

- Flexible – documents can be processed regardless of their structure or format
- Faster response times – lead times between trading partners are dramatically reduced by simply removing traditional documentation delivery mechanisms
- Eliminate duplication and keying errors – documents do not have to be recaptured
- Integration – SYSPRO and other applications, such as Microsoft's BizTalk, can be linked using DFM



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