SYSPRO
Reporting Services

SYSPRO Reporting Services
Desktop to the Boardroom

Preview Document

Introduction

SYSPRO Reporting Services is the next-generation reporting system planned to replace all standard reports within the SYSPRO ERP business solution.

SYSPRO Reporting Services ships with an impressive array of predefined reports that work 'out-of-the-box', enabling businesses to derive immediate benefit. However, its true power lies in the total flexibility it gives businesses to design custom reports to virtually any level of complexity, complete with tailored reporting options, preferences and layout features.

Summary of benefits

Cost savings
• Report archiving facility reduces consumption of office stationery
• External database driver license no longer required to access the SYSPRO database
• External report designer services no longer required
• Protect reports from changes in technology upgrades

Productivity
• Preview report content and layout
• Run multiple reports simultaneously, in the background
• Dynamically filter report contents
• Schedule reports
• Automated report completion notifications
• Live report pages with interactive hyperlink features
• Rapid retrieval of report history and archive access
• Automatic translation of report headings into specific languages

Business empowerment
• Configure forms for report options and preferences
• Customize report fields, layout and themes
• Selective report sharing between users and companies
• Protected access to information
• Multi-format publishing
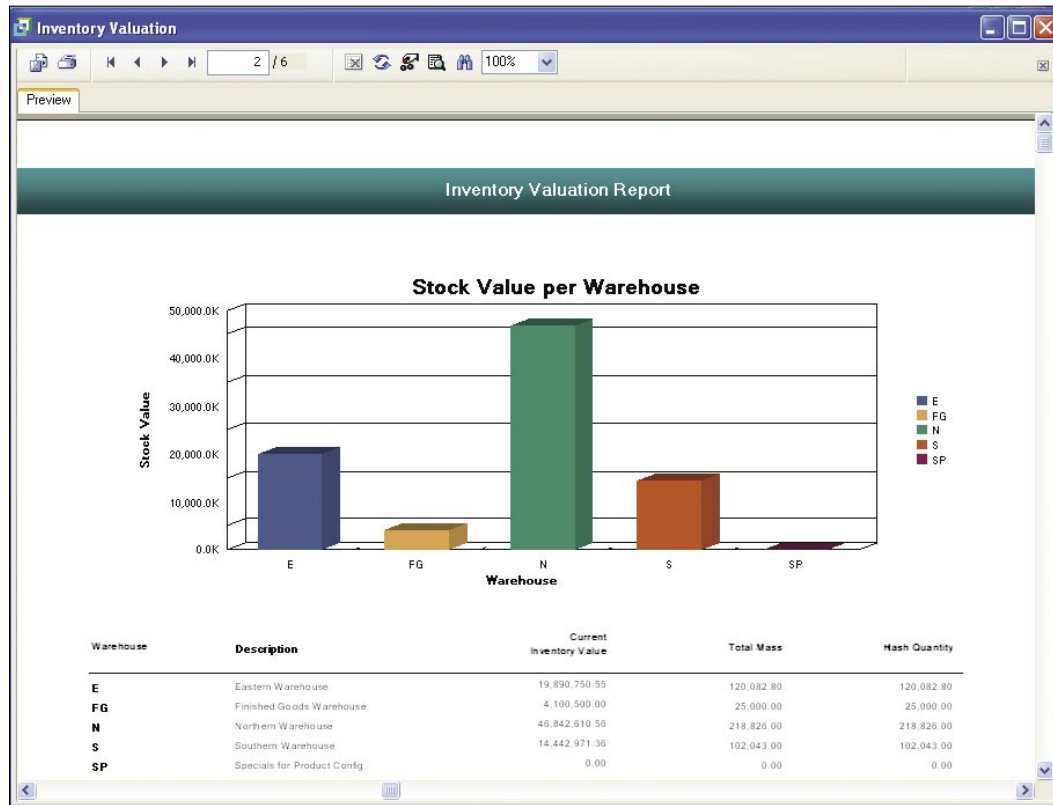• Alternative to Word Printing

Cut costs, make savings and protect your investment

The product design ensures customers derive financial benefits from implementing SYSPRO Reporting Services.

Reduce expenditure on office stationery

The most immediate and obvious saving delivered by SYSPRO Reporting Services is that all reports can be archived and printed only on demand.

This translates into a significant cost saving on office stationery, as all reports are archived and immediately accessible to authorized users for printing when required.

Avoid 3rd-party database driver license costs

From a technology licensing perspective, SYSPRO Reporting Services avoids the need for external or third-party database drivers.

This means that businesses no longer have to carry the additional cost of licensing external technology drivers such as ODBC to obtain customized reports.

Eliminate external report design costs

Report design has typically meant that businesses need to engage the services of specialized consultants. The Report Designer is an integral, easy-to-use part of SYSPRO Reporting Services, which eliminates the need for specialist services. Businesses are now empowered to help themselves by customizing standard reports and developing their own.

Protect investments in report development

One of the long-term benefits of SYSPRO Reporting Services is that it protects an organization's investment in report development. This is made possible using XML technology between the SYSPRO client and server, which enables customized reports to continue functioning despite technology changes. In other words, the reports are version-independent and companies can upgrade to the latest version of SYSPRO without negatively affecting their customized reports.

Increase user productivity and availability of information

The simplicity and ease-of-use provided by SYSPRO Reporting Services is a key benefit that amounts to greater productivity gains for the business.

Report previews for visual identification

The ability to preview report layouts reduces the time users spend on verification before running or printing reports. This improves productivity levels and reduces time and unnecessary paper wastage.

Run or preview multiple reports simultaneously

SYSPRO Reporting Services caters for simultaneously running multiple reports and previewing the completed ones. This ensures that user workstations are always available and that users can instantly insert new reporting jobs to their existing queue without having to wait for the previous reporting job to complete processing.

The report forms used to run reports enables the configuration of multiple options and preferences. This level of flexibility enables users to easily process the default report or define a custom result set based on the main options provided by the report.

Dynamically filter report outputs

For lengthy reports it can be useful to filter results in order to view a sub-set of the information. The Select Expert feature enables the dynamic filtering of reports based on queries.

Schedule reports to run automatically

Report scheduling is a powerful feature of SYSPRO Reporting Services. You can schedule reports to run automatically at given times.
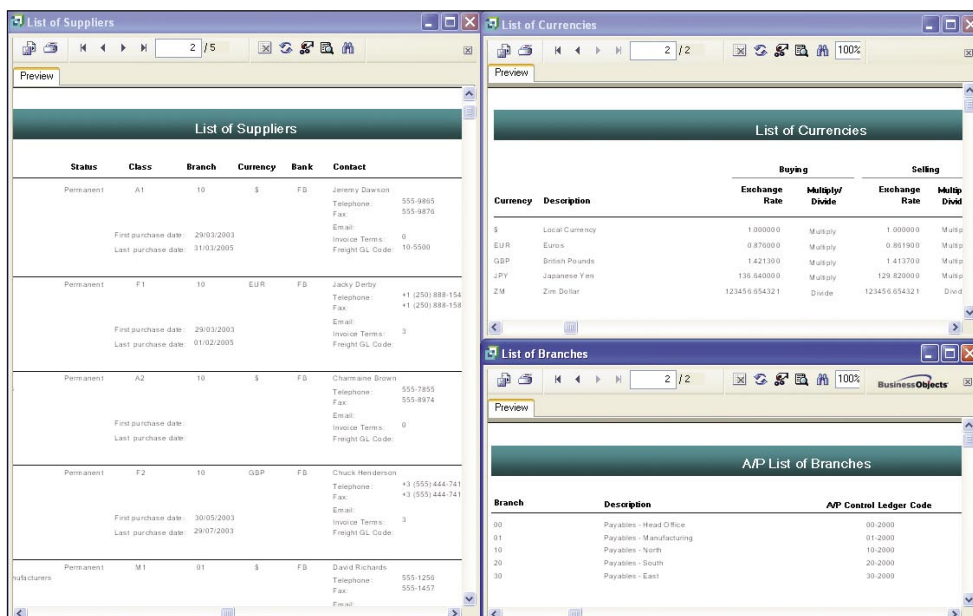
The scheduling feature processes reports on schedule, enabling you to perform other tasks in the foreground or at convenient processing times, such as periodic reporting (e.g. daily, weekly, monthly).
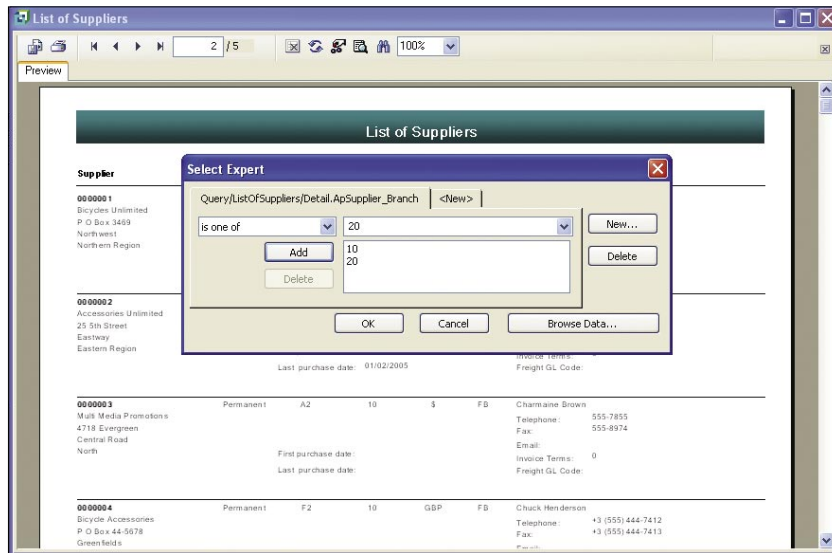
Automatic notification of report completion

With SYSPRO Reporting Services, you can optionally configure the system to notify you when a report has completed processing. Notification can also include a group of people who all receive a message containing information about the report and a link to the report location for easy access.

Live reports with interactive hyper-links

Live report pages with interactive hyper-link features now make the relationships between various reports easier to understand. In addition to hyper-linking between report documents, hyper-links can be programmed to provide services such as opening the default mail client editor, the web browser, or a SYSPRO query.

Automatic reporting history logging and report archiving

Knowing when a report was run can be useful when you need to verify historical data. SYSPRO Reporting Services automatically logs an event when a report is run. In addition, generated reports are automatically stored in the system using a format that cannot be changed at any future date. The combination of historical data combined with the ability to locate the original report makes accessing historical data easy and a useful feature in environments with strict auditing requirements.

Translate reports into multiple languages

A global marketplace demands global solutions and SYSPRO has long supported multiple languages within its user interface.

Similarly, SYSPRO Reporting Services enables multiple language support in reports.

Report headings and labels are dynamically translated into French, Spanish and Simplified Chinese and additional languages can also be added.

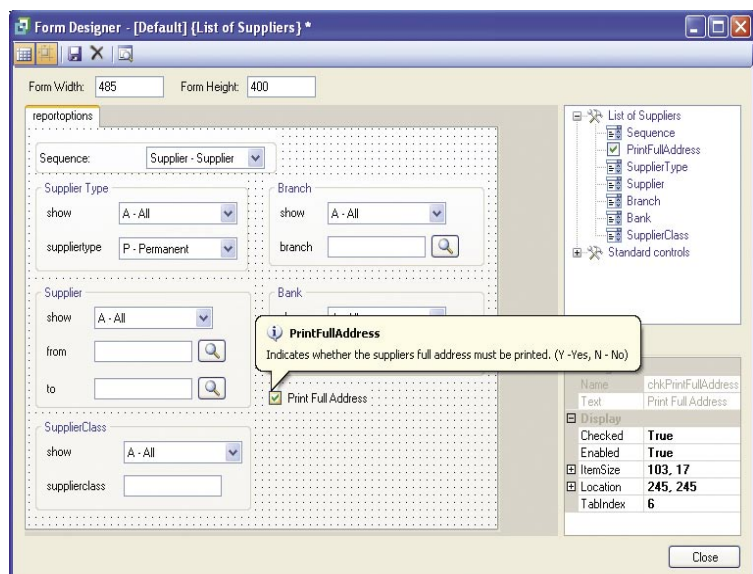## Empower your business with total reporting control

SYSPRO Reporting Services extends total access and control over the reporting system of a business.
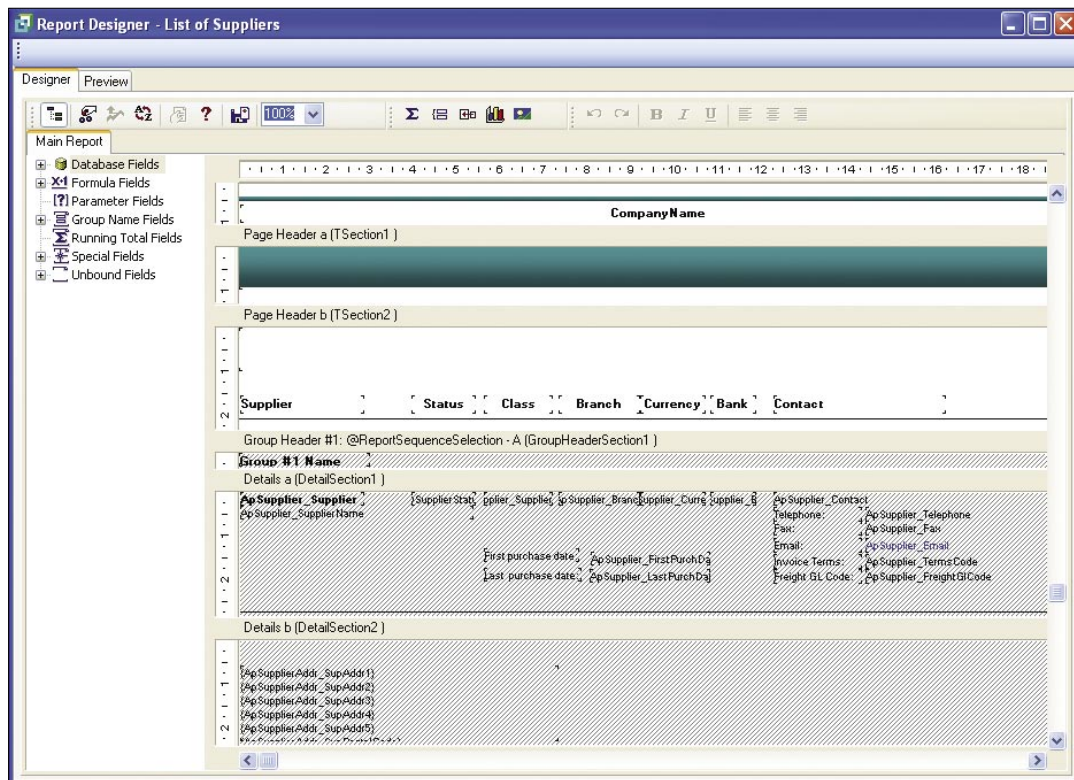
Custom design report forms

The Form Designer provides the ability to customize existing report forms or design completely new ones. This application provides all the design tools required to design reporting interfaces with custom options and properties.

Report forms can be constructed based on the full business logic functionality exposed by the SYSPRO Business Objects. Report forms shipped with SYSPRO demonstrate the full functionality that is available. Form designers can choose to design forms with virtually any level of complexity.

Form designers can also design features such as the ability to enable/disable the display of form options or drop-down list items based on security privileges defined against users, groups, or companies.

Total report design control

Freedom to design reports and create themes is yet another of the functional areas provided by SYSPRO Reporting Services.

Using the embedded Report Designer, the existing reports shipped with SYSPRO can be customized to meet new requirements without having to employ the services of an external report design expert.

On-the-fly previews are available while designing reports, and graphics, charts and graphs are just a few of the additional objects that can be contained in a report. When previewing a report, fields are automatically populated from sample data and charts are rendered accordingly. Saved reports can be shared among users, groups, or entirely separate companies. Report designers can even add custom features to reports such as suppressing the display of specific types of information based on the role of the user running the report. This feature is a powerful tool that can be used to provide selective information to authorized users.

Share report menus and report forms

While system administrators can deploy the default reporting menu and associated report forms supplied, SYSPRO Reporting Services also enables them to create custom report menus for selected users or user groups. This provides a centralized and easy-to-manage method of controlling standard reporting menus, report forms and their theme or style across a single or multiple companies.

For greater client-side flexibility, individual users have the ability to create their own personalized reporting menus in addition to the basic menu types supplied by the administrator. These personalized menus and their reporting forms can also be shared with other users. Empowered users therefore have access to the standard reports provided across the company, while retaining the flexibility to tailor report menus and reports to their own personal or office department report requirements.
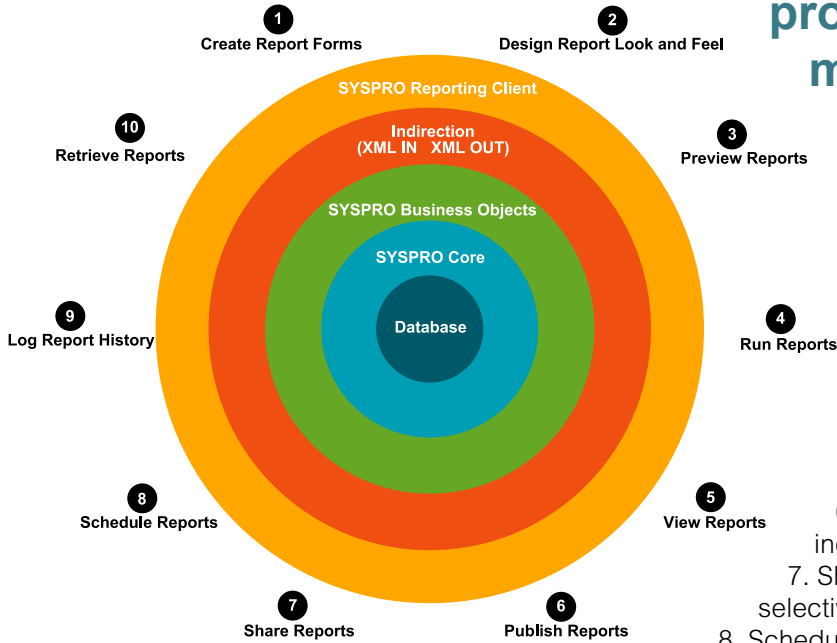
Publish reports in multiple external formats

Reports can be published in multiple external formats, including:

• Adobe PDF
• Microsoft Word
• Rich Text Format
• Microsoft Excel
• HTML

These formats provide a convenient way to share information with people who do not have access to your internal systems (e.g. invoices, statements, purchase orders, etc).

Exporting to HTML formats is a convenient way of publishing reports directly to a corporate web site or intranet site, saving hours of programming and formatting for web masters.

End-to-end report processing and management

1. Create report forms using the Form Designer.
  2. Design report layouts, styles, and fields.
   3. Preview reports during design and at run time.
   4. Run one or more reports at a time with the option to cancel.
   5. View report results on screen using the embedded Report Viewer.
    6. Publish reports in multiple formats, including PDF and HTML.
     7. Share reports between users and selectively restrict access to reports.
    8. Schedule reports to run automatically in the future and on a repetitive basis. Receive automatic notification when they are complete.
9. Use the automatically-generated report log history to determine when reports were produced and to locate copies.
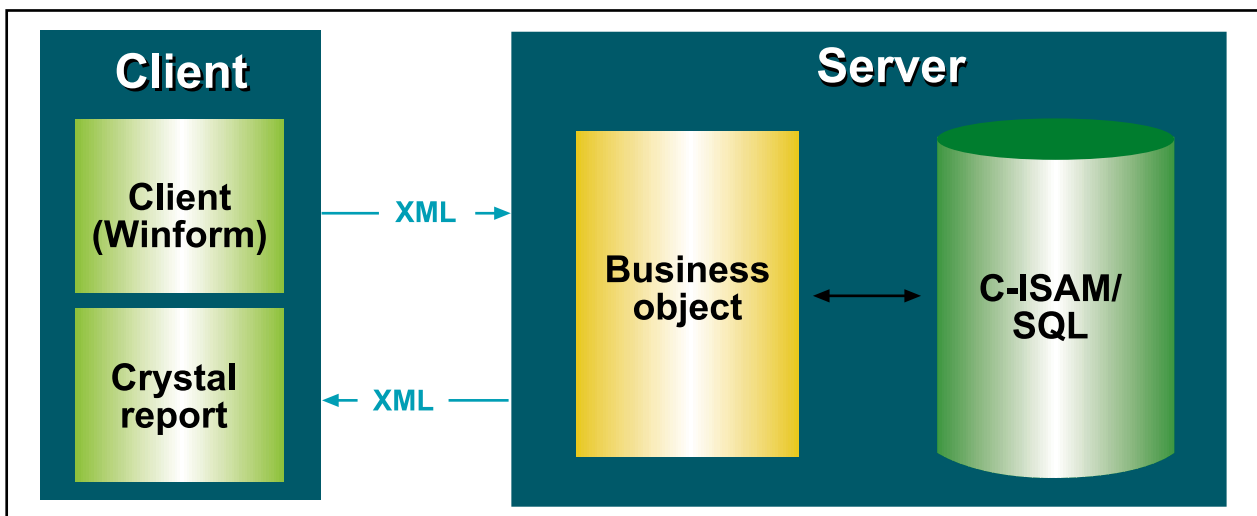10. Retrieve original reports from archive.

How it works

SYSPRO Reporting Services combines the power of Crystal Reports XI and SYSPRO Business Objects.

• Requests are made via the client to SYSPRO Business Objects.
• The SYSPRO Business Object executes on the SYSPRO Server, collecting data from the database and processing it before returning the result as a new XML file to the Crystal Report.
• This string is then bound to the Crystal Report and presented in a predefined or user-defined format.

For more information about SYSPRO Reporting Services visit our Web Site
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