Formulations Pro 12.0

Formulations Pro 12.0 is the next-generation work flow tool built specifically for the life sciences industry. Formulations Pro 12.0 integrates manufacturing requirements planning, cost controls, quality assurance, quality control, production planning, electronic signatures and batch records, equipment, and a business decision support system to provide your company with a clear competitive advantage.

Make Sense of Reality

You've been tasked with streamlining R & D, process development, manufacturing, quality assurance, and quality control to cut costs, reduce scrap and deviations, increase productivity growth, and improve communication, quality, and consistency. You know the only way it can be done is by developing new work flow strategies and enforcing more stringent quality controls through the application of proven technology.

But let's face the facts. You're working with a paper-driven system that takes weeks to get anything approved. That is, if you're able to throw the documents high enough over the wall that's separating the departments. You constantly find mistakes in the "approved" production documents. Scrap and deviations rates are unacceptably high. Your auditor just dinged you because the documents he requested are lost. You've asked the IT group to help but they're overtaxed, busy with strategic issues and daily firefighting and probably won't be able to get to your project for quite some time. You don't have enough time because your plate is already overloaded. There's no budget to hire more people. There's no room to expand. Finally, you've looked at several MRP vendors, but their systems are designed by accountants to make widgets with a complete disregard for the reality of biological products and processes. Does this sound familiar?

The Formulations Pro Solution

There is a solution to your problem! Formulations Pro 12.0 is the next-generation work flow tool built specifically for the life sciences industry. It's an incredibly powerful, yet intuitive solution designed by scientists, for scientists. Also taking into consideration that many groups have to work together to achieve your company's strategic goals.

Formulations Pro 12.0 has been designed through years of experience, research and development, competitive analysis, technology innovations, changing market needs, and most importantly, customer feedback. This latest release was literally redesigned from the ground up. Formulations Pro 12.0 contains over 100 major improvements and additions. Best of all, it enables you to take advantage of information in ways that may not have been possible or cost effective before — that means increased productivity, accountability, and competitive advantage.

The Formulations Pro team are experts at solving real laboratory and business integration problems. We offer the lowest total cost of ownership with software and experience that takes advantage of proven industry standards in technology, mass customization, and project management. Let the experts at Formulations Pro show you the bottom-line benefits that are available to you today.

INTEGRATE WITH OTHER APPLICATIONS

Share Files with Microsoft Office

Export data to Microsoft Word and Excel. Use Excel's graphing tools to chart Formulations Pro 12.0 data. Import Word and Excel documents to speed up the installation process.

Integrate with Enterprise data

Use ODBC to query or update Microsoft SQL Server or Oracle data sources such as accounting and purchasing applications. Access Formulations Pro 12.0 data from ODBC compliant applications such as Crystal Reports and Excel. †

BUSINESS SOLUTIONS

Improved **Decision Support System**

Use the Demand module to monitor real-time demand for raw materials and products. Integrate your supply chain management with Economic Ordering Quantities and Safety Stock to determine the most effective order and reorder points for just in time cost savings. Plan ahead with the Forecast module's industry standard methods. Use the Control Chart and Process Capability modules to monitor the quality and consistency of your raw materials and products using industry standard statistical analysis. Chart your data with built in reports.

Manufacturing Resource Planning (MRP II)

Integrated cost accounting tracks your labor costs, fixed costs, and variable costs for each raw material and product. Already have an accounting or purchasing system? Let Formulations Pro 12.0 update your ODBC† compliant legacy system to properly cost the final goods inventory on a lot-by-lot basis.

Measured Results and Performance

Formulations Pro 12.0 provides the lowest total cost of ownership for a customized solution. On average, 1/2 to 1/4th the amount of time to implement and 1/10th the cost of competitive solutions built with SQL Server or Oracle. Net Present Value estimates of $1Million over five years. An internal rate of return estimate of 161%. Which yields a return on investment in less than 7 months with measurable gross profit margin and operating income improvements.

Mass Customization

Formulations Pro understands that every company does business differently. Thus, Formulations Pro 12.0 was built for mass customization with built-in editable menus and dynamic mail merge capabilities for production documents.

Validation Support

If you require additional customization, we use the Success Factors blue print document and strong software project management experience to walk you through every step of the process. In the end, the Software Validation Support document, Programming Standards, Database Design Report, and 80-step validation process will ensure proper support and documentation for GMP and ISO regulated companies.

Technical Support

Formulation Pro can provide full field technical support, help desk, annual maintenance, and customization included with your Master Service Agreement. Formulations Pro can also provide support for your FileMaker Pro legacy systems, custom projects, and training on both the Macintosh and Windows operating systems.

MANUFACTURING SOLUTIONS

Improved **Electronic Batch Records**

Go completely paperless with Formulations Pro 12.0 dynamic mail merge and 21CRF11 compliant electronic records and signatures. The integrated header, footer, bill of materials (BOM) and quality control routings allow you to create one document for any batch size and any test characteristics. Including data and images from analytical instruments.

Manufacturing Requirements Planning (MRP/MRPII)

Manage your inventory and production planning for kits, buffers, media, and solutions with the ability to convert scientific and traditional inventory units. Identify the true cost of production on a lot-by-lot basis using the intuitive costs accounting system for labor, materials, and quality testing.

Inventory Control

Not only can you manage your inventory for replenishing raw materials based on FIFO (first-in-first-out) and expiration dating, Formulations Pro 12.0 also has an integrated quality control module for incoming raw material testing and vendor qualification.

Improved Equipment Module

Monitor your equipment inventory, scheduled maintenance, and calibration. Store electronic copies of manuals, maintenance and calibration procedures, test results, and more.

Bill of Materials

Formulations Pro 12.0 can add new scientific unit conversions in a matter of minutes that provide users with intuitive pop-up menus that only show the appropriate units. Support for multiple raw material lots per BOM item allow you to control the BOM for a single lot as well as pooling for non-critical raw materials. Producing proteins or enzymes that change activity over time? No problem…the BOM allows for flexible modification of stock and formulation concentrations on the production documents.

Labeling

Formulations Pro 12.0 provides cross-platform support for bar code fonts and scanners to manage your inventory, document control, and certificates of analysis. Print product and raw material labels with bar codes using the enhanced label-printing interface with the use of any label printer. †

Reports

Export data to Excel or Word to create your own reports, have Formulations Pro customize your reports, or use the many built in reports for; historical document control, cost analysis, economic ordering quantities, demand and forecasting, control charts, process capability, usage rates and orders, certificates of analysis, inventory control, vendor, and safety reports.

Improved Find Any Data

No query editor that requires complex calculations. No need to know SQL. Formulations Pro 12.0 lets you recall any document or data with the intuitive find function that lets you search directly in the fields and portals on the layouts.

Improved Electronic Orders

Use the on-line ordering module to automatically consolidate orders, create electronic batch records, and monitor your production planning with the built in calendar. The MRP in advance function will ensure that you have enough materials on hand before you start the production process. The new Calendaring function will quickly show production requirements for any department, status, date, and time range. The new exploded BOM function reports all the production documents and raw materials that are required for an entire batched process.

QUALITY ASSURANCE SOLUTIONS

Improved Document Control

Control document revisions, history, and distribution. Allow managers and work group experts to create proposed records for review and approval using 21CFR11 compliant electronic signatures. Automatically mark production documents with deviations. Store and manage all your original documents in any format (i.e. Word, Excel, PDF, etc.)

Improved Quality Control

The integrated quality control module attaches test data, cost controls, statistical process control data, and images from analytical equipment to every raw material and production document. Use the routing

capability to control the flow of materials, reduce your lead times, and time to market.

New Deviations

Track deviation across your entire company for internal and external products and raw materials. Provide detailed reporting for proposed and final actions. Allow users to provide electronic signatures. Store electronic files to document the deviation.

Improved E-mail

The context sensitive eMail system lets you send quality control results, ordering updates, documents, signature notices, and attachments to any person using your default email application.

Improved Security

Formulations Pro 12 utilizes state-of-the art 128-Bit SSL encrypted account names and passwords for every user. Each user is assigned a privilege set that provides specific access to create, modify, and delete data. Also included in this latest release is a robust log file that provides complete audit trail documentation of changes to records and the ability to roll back data. The server software can also be configured to encrypt the data transferred between the client and the server.

FORMULATIONS PRO 12.0 LICENSING

Workgroup License

Site license for an unlimited number of users. Requires an annual licensing fee.

Enterprise License

Site license for an unlimited number of users. No additional annual licensing fee required.

Server Hardware

2X 6-Core 2.4 GHz Intel Xenon, 12 GB RAM, RAID 5 3x1TB SATA, OS X Server or Windows Server.

Contact Formulations Pro

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MINIMUM SYSTEM REQUIREMENTS

Windows

- Server: Windows 7 Professional SP1, Server 2008 Standard Edition SP2 32-bit. Windows 7 Professional SP1, Server 2008 R2 SP1 , Server 2008 Standard Edition SP2 64-bit.
- Client: Windows XP Professional, Home SP 3, Windows Vista Ultimate, Business, Home Premium SP2, Windows 7 Ultimate, Professional, Home Premium, Windows 8 Standard and Professional
- 4GB RAM

Mac OS X

- Server: OS 10.7, 10.8 64-bit.
- Client: Mac OS X 10.6.8 or later
- 4 GB RAM