



# Sage PFW ERP

## Material Requirements Planning (MRP)

As you know, timing is everything in the competitive process manufacturing industry. The Sage PFW ERP Material Requirements Planning (MRP) module puts time on your side with powerful and precise planning capabilities that will help you manage your inventory operations with insight. With MRP, you always have sufficient inventory to meet production demands without the excess inventory that can tie up your valuable financial and storage resources. Make smarter, more proactive decisions with the powerful and precise capabilities of Sage PFW that put you in control of your materials management.

Material Requirements Planning is often overlooked in the scheme of streamlining operations because up until now it's been too difficult to hone in on the details that could make a difference. Imagine how much more productive your operation could become if you could determine precisely when and how much material you need to purchase based on a time-phased analysis of sales orders, production orders, current inventory, and forecasts. Well, now you can with Sage PFW Material Requirements Planning. Sage PFW puts you in charge so you can satisfy your unique business requirements today and easily adapt to changes in the future. Sage PFW meets the needs of your business, providing fast, dependable, customizable materials management and data security.

Unlike most manufacturing software, Sage PFW was developed from the ground up to address the unique challenges of process manufacturing. Its complete solution of powerful financial and process manufacturing modules provide specifically targeted capabilities to boost production, maximize profits, and increase efficiency in your supply chain.

### STREAMLINED INTEGRATION

Eliminate redundant data entry and automate your workflow with fast, dependable, and secure materials management that seamlessly integrates aspects of your business operations.

### IMPROVE YOUR DECISION MAKING

Benefit from accurate and timely data that provides the business insight required to capitalize on opportunities. Better, faster, and smarter decisions can provide you with a significant competitive advantage.

### POWERFUL FORECASTING

Project how changes in production schedules and material costs will impact your operation with powerful forecasting features.

### STRATEGIC SCHEDULING AND MRP MANAGEMENT

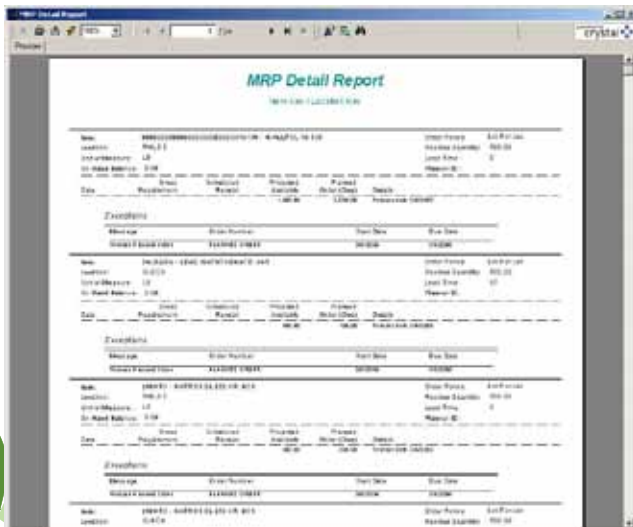
Improve efficiency and eliminate costly mistakes utilizing streamlined automation and precision scheduling.

### INSIGHTFUL REPORTS

Transform your data and gain the insight you need to manage your business more effectively using extensive, instant reporting capabilities.

### SECURE BUSINESS INTEGRITY

Safe, secure, and controlled! Protect the sensitive information in your business—Sage PFW assures complete security at user, menu, and company levels, protecting your materials requirements planning data from unauthorized access or manipulation.



**Streamlined Integration**

Virtually eliminate redundant entry efforts by leveraging information from the Inventory Pro, Formulas, and Order Entry Pro modules. The MRP module allows your personnel to work within a central database, sharing uniform, consistent, and secure information. Integrate MRP with the Purchasing Pro and Production modules to capitalize on the efficiency of automated transaction generation. With this fully integrated solution, you have access to detailed records, so you can make decisions with insight and operate more efficiently.

**Improve Your Decision Making**

Eliminate costly material errors and reduce inventory investment and time lost due to material shortage and expediting costs. The Material Requirements Planning module helps you determine precisely when and how much material to purchase based upon a time-phased analysis of sales orders, production orders, current inventory, and forecasts. The releases of replenishment orders are planned for the proper points in time so that materials arrive in stock when needed. MRP will even schedule purchase orders and/or production orders for just-in-time receipt! This module ensures that you will always have sufficient inventory to meet production demands but not more than necessary at any given time. You can easily identify unrealistic manufacturing plans, which may arise when there is not enough time to manufacture an intermediate amount for a target production date, or if a vendor is unlikely to deliver materials by the time they are required. The Sage PFW MRP module allows you to formulate strategic business decisions based on insight from accurate production capacity details, inventory numbers, and labor availability and reap the benefits in your bottom line.

**Powerful Forecasting**

Empower your planning staff with the ability to analyze the impact of proposed production schedules and material costs utilizing robust “what-if” scenario capabilities. You can change the date or size of scheduled production orders to determine how those changes would impact material requirements and costs over time. MRP automatically evaluates all current and pending production orders (including containers and other bill-of-material items) to ensure that sufficient material will be on hand when it is required. From the essential details to the big picture, this module has been designed to promote accurate planning and materials management.

**Strategic Scheduling and MRP Management**

MRP offers various powerful and easy-to-use scheduling options to help ensure that your master production schedule is current. For instance, production orders may be scheduled based upon current customer orders and/or inventory levels, thus accommodating both “make to order” and “make to stock” procedures. With built-in scheduling formulas, MRP automatically reads your Order Entry Pro files as well as your Inventory Pro files. MRP will schedule the most efficient production orders to fill your work orders, whether they are open or if you have set minimum inventory requirements. MRP capabilities include scheduling production orders for intermediate formulas so that they will be available when you need them. MRP assesses all levels of components required to manufacture an item and ensures that there is sufficient lead-time to manufacture intermediates to meet your higher-level production timelines. Accurate, powerful, and reliable—it’s everything you need your MRP software to be and more.

**Insightful Reports**

Extensive reporting capabilities provide the insights you need to create accurate production schedules and carefully control your production plans. Robust reporting tools in Sage PFW provide quick and easy access to critical business information because all reports can be tailored to your specifications using a variety of user-defined parameters. Plus, you can easily monitor your time-phased production schedule and material requirements. Sage PFW utilizes one of the most powerful reporting tools on the market—Crystal Reports®. You receive the abilities to export data in more than 20 formats, quickly send reports over e-mail, and perform snap customizations. The sophisticated, customizable reporting in MRP will transform your data into strategic, decision-making tools that will help you more effectively manage your materials requirement planning.

**Secure Business Integrity**

Sophisticated, multilevel security protects your proprietary data from unauthorized access or manipulation. Powerful security options allow you to control which groups have access to your sensitive data. Additionally, you can create and assign an unlimited number of user IDs and passwords. These and other user-defined safeguards, such as easy-to-follow audit trails that identify who made each change by date and time provide a high level of security for your highly sensitive MRP data. With Sage PFW you can rest assured knowing your data remains protected and private.