



Game-changing MRP Optimization in seconds with the Portus MRP Simulation Engine.

for Made2Manage®

Designed by Manufacturers, for Manufacturers



In less than 15 seconds, you can replicate an entire MRP with thousands of rows and see precisely which purchase orders you should cancel, delay, or expedite.

The Portus MRP Simulation Engine takes less than 15 seconds to securely replicate every detail of your full MRP – even if you have thousands of rows of sales orders, part numbers, and other data points.

Once replicated, it leverages the Portus team’s proprietary advanced, recursive algorithm and interactive tools. These help you instantly highlight and prioritize MRP issues that can hurt your bottom line, such as oversupply and bottlenecks. You’ve never seen anything like this.

Plugs right into your Made2Manage® database

With real-time connections to data tables drawn straight from your Made2Manage® ERP, you’ll get wholly accurate, up-to-the-second materials supply and demand data, instantly.

Having immediate MRP insight is only part of the puzzle. This is why Portus automatically converts your MRP data into **actionable reports** that help you optimize your working capital management, for example:

MRP Requirements Report

- Know what to order and when, based on your required materials vs. your net
- Flow seamlessly from MRP reporting to Portus reporting
- Get more info with Portus’s signature continuous drill down

MRP PO Reschedule Report

- **Cancel** tells you which items to cancel because they’re NOT NEEDED for upcoming orders
- **Pull in** tells you which items to reschedule for EARLIER delivery
- **Push out** tells you which items to reschedule for LATER delivery

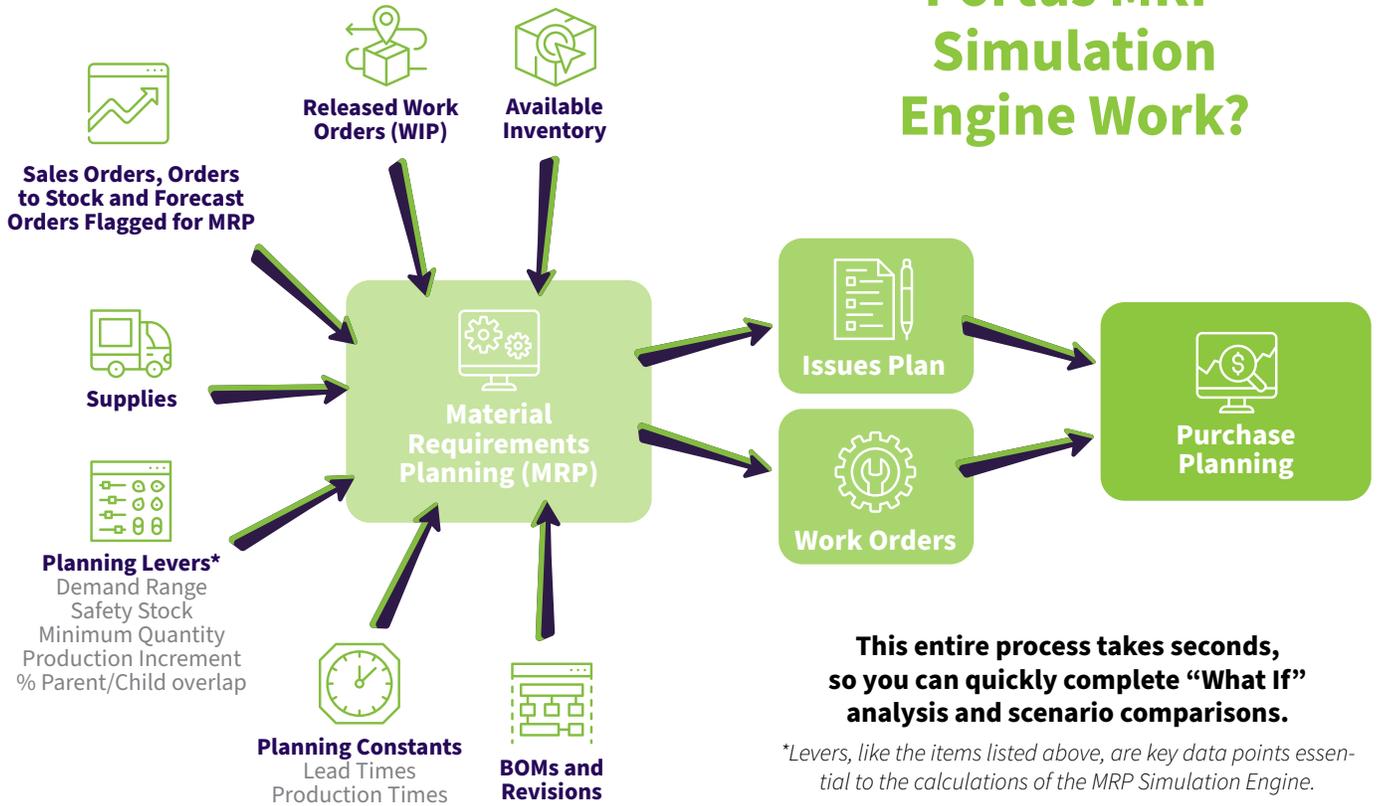
- Full, fast ERP MRP simulation on demand
- Interactive actionable reporting
- Insightful working capital management tools
- Continuous drill down to more detail
- Seamless part of the Portus Platform
- Integrated with Portus Gold Package

MADE2MANAGE®
ERP USERS
GET A FREE
30-DAY
TRIAL

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How Does the Portus MRP Simulation Engine Work?



The Portus MRP Simulation Engine first considers **demand levers** such as current sales orders, planned orders, and safety stock, and compares those to **supply levers** such as on-hand inventory and purchase orders.

After comparing demand and supply levers, the MRP Simulation Engine applies **logic** and our **advanced, recursive algorithm** to highlight potential issues based on lead time, the shop floor calendar, part sources, MOQs, days of supply, yield, and other critical planning factors.

4 Steps to True MRP Optimization

1. The MRP Simulation Engine looks for demand signals of Finished Goods (FGs).
2. It explodes each FG to its components (BOMs).
3. It matches the BOM components to inventory.
Answers the question: “What do I have vs. what do I need?”
4. It highlights purchasing actions, based on algorithmic prioritization logic.
Answers the question: “Can I optimize my working capital by cancelling, delaying, or expediting any of my purchase orders (POs)?”

Start Saving Immediately

Because you use your own, real ERP data with Portus and the MRP Simulation Engine during your **Free 30-day Trial period**, you’ll instantly know which purchase orders you should cancel, delay, or expedite. Do you know of any other software that can save you millions before you’ve even spent a penny?

Look Ahead with ‘What Ifs’

Combat uncertainty and plan ahead using **‘What If’ and scenario comparisons** (*Not available in trial version; requires additional setup*). Input your FG predictions into the MRP Simulation Engine and the system will automatically explode them into BOMs then apply prioritization logic and the Portus algorithm to calculate your predicted material supply needs.

Seamlessly Integrate with Portus

The MRP Simulation Engine is embedded directly into your Portus solution as an add-on to your **Portus Gold Package**, which means it looks, feels, and acts just like the reporting and analytics solution you already know and love. Only now it’s supercharged with a proprietary algorithm that delivers instantaneous, actionable insight into your full MRP.

Gain the Competitive Advantage

Sophisticated MRP optimization gets skipped 95% of the time because most manufacturers are so focused on getting materials in that they can’t spend time figuring out which items to postpone or cancel. Portus’s **MRP PO Reschedule Report** puts that information right at your fingertips, boosting your competitive advantage instantly.