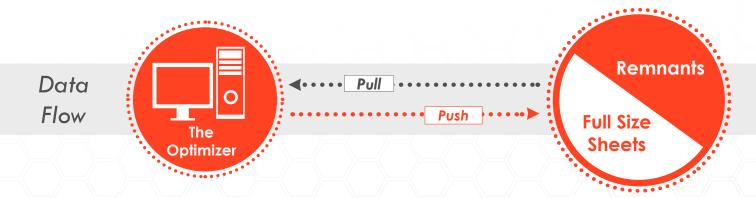


Remnant Management

Traditional inventory management systems are designed 'top-down' to satisfy the needs of order processing and have little or no interaction with manufacturing, InStock is built 'bottom-up': it treats raw material inventory management as an integral part of the manufacturing process. It is designed to create and maintain a materials database for full-sized sheets and/or offcuts. This materials database can be pulled directly into optimization software so that optimizations can be run against accurate reflections of the current real-world material quantities and sizes on hand in the factory. This 'real-world' reflection of actual raw material inventory makes InStock the perfect intermediary between storage and retrieval systems and engineering software or ERP systems.



Inventory such as offcuts, uncommon colors and thicknesses, and other non-sheet good inventory can be added to Eurosoft's database using barcode scanning or a simple user interface. The result: an accurate account of overall inventory on the shop floor in real-time.

A simple system to manage the inventory and scrap in your cutting area in conjunction with top-notch optimization.



Eurosoft, Inc. is a full service provider of innovative software solutions including, production optimization, factory automation and custom software in addition to delivering unrivalled quality customer service within the North American manufacturing industries.







How does InStock track Remnants?

Stage1: Office

The optimizer "finds" acceptable scrap pieces in the cutting pattern and marks them as re-usable.

Stage2 The **Factory**

The reusable scrap pieces are set aside, labeled (optional), taken to the storage area and put in bins. A simple UI supports the operator in confirming the remnants and their locations to the database.

Stage3: The

Office2 The user runs the next optimization. A database query is executed to retrieve all available remnants. The user reserves the remnants for the job. The data and pull list are sent to the factory.

InStock Remnants: Q and A

What savings can be expected?

- That depends on the yield. As a rule of thumb, 1/4 - 1/3 of the waste can be recuperated. Example:

85% yield = 4 - 5%

75% yield = 6 - 8%

Does it make remnants for all materials?

- That's totally up to the user. Select between all materials, same, or only one

Can the minimum remnant size be adjusted?

- Also user definable and can be designated for each material

What happens if a remnant cannot be found?

- The operator can use a substitute remnant, if it is available. If not, a full size sheet can be used instead

Stage4: The operator locates the remnants in their bins, transports them to the saw and then confirms the remnants use. "On the fly" parts can be made anytime from unreserved remnants.

The

Office2