

SUPPLY CHAIN MANAGEMENT

STRONG LINKS, STRONG CHAIN

Supply chain management is critical to practically every business. Nevertheless, even in large organizations, many steps in the supply chain remain dependent, either wholly or partly, on manual activity, leading to:

- Inaccurate order processing
- Inaccurate fulfilment
- Increased returns
- Longer planning
- Longer replenishment cycles

There is often the temptation to buy add-on applications to assist with these processes, which, in turn, require more integration and can lead to master data management issues. Some organizations add steps in Excel which can lead to inconsistencies and sub-optimal process.

CONSIDER ROBOTICS

Redwood Robotics™ is the right solution for supply chain challenges. Our approach eliminates the need for extensive manual effort to manage gaps in the chain. The solution provides automated consistency, standardization and increased speed for even the most complex processes.

LOOKING AT THE LINKS

Robots have something to offer at every step of the supply chain, ensuring there are no weak links.

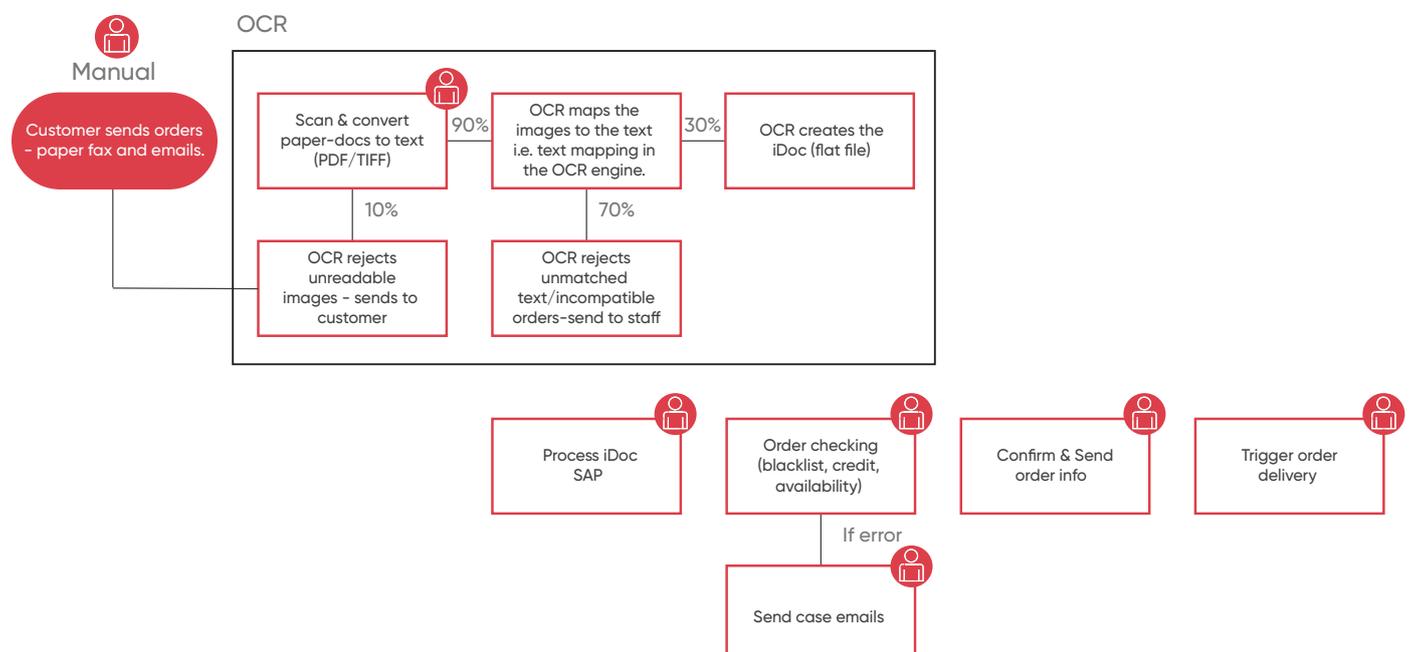
Order Management

Redwood has orders often arrive in different formats and layouts. Metadata information is often missing or inconsistent (i.e. product IDs, customer IDs). Data content may be incorrect, incomprehensive or both. Trying to use an optical character recognition (OCR) scanning solution to process such documents can lead to undesirable outcomes, such as:

Low matching rate – OCR solutions can deliver a good recognition rate in translating paper documents into a text file, but are less proficient at identifying and matching the information to the ERP master and metadata.

Manual order processing – With poor matching, incoming orders require manual intervention. After orders are captured in the system, the subsequent processing, from order-checking and confirmation to delivery triggering, adds multiple manual steps.

This, in turn, leads to frequent delays, error-prone processing and potentially lost orders. To resolve these issues, Redwood's technology can automatically match the text-converted orders and perform the invoice creation to automate order processing end-to-end.



Automated Order Management

Redwood gives business and IT stakeholders a single platform to coordinate the movement of materials, information and cash between suppliers and customers as efficiently and accurately as possible. It provides the control, notification and documentation you need to maintain and improve the consistency and quality of every step in the value chain—reducing the cost of doing business, improving customer service and streamlining the end-to-end sourcing and buying cycles.

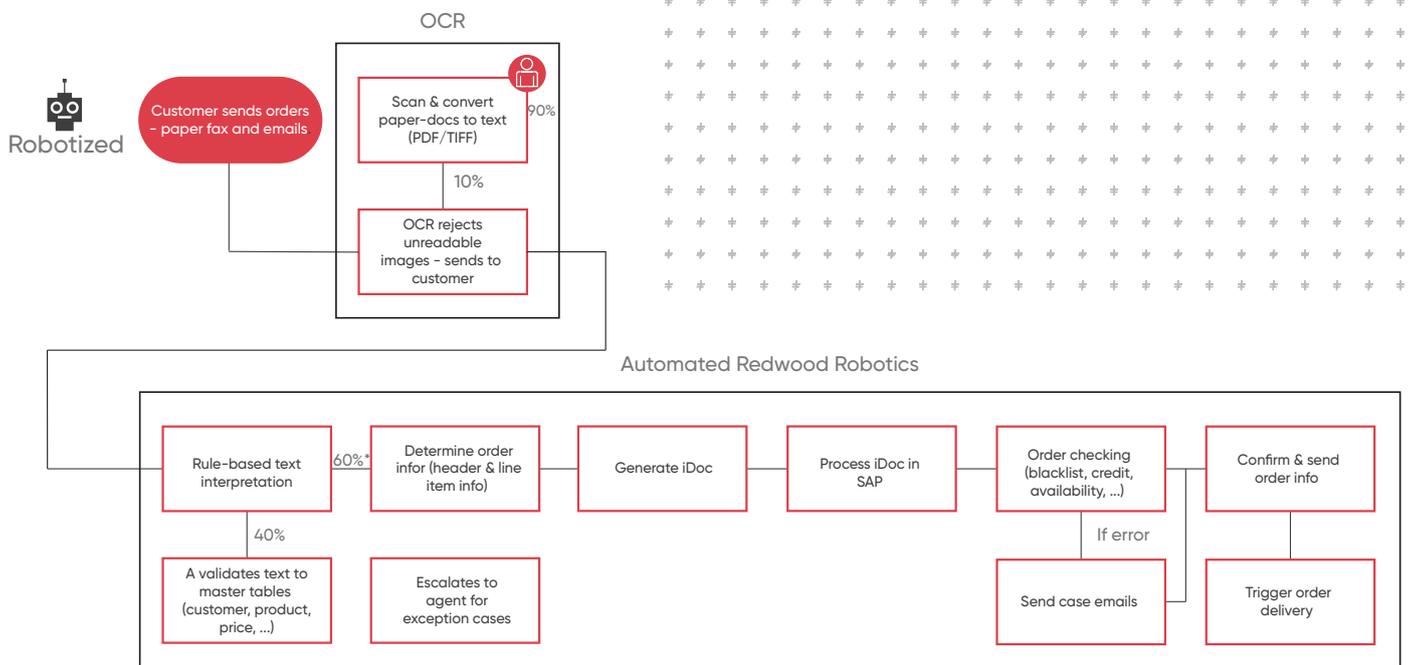
Our automation makes your supply chain more responsive and easier

to manage. It seamlessly connects supply, planning, manufacturing and distribution activities to your critical enterprise applications.

We also fill in the gaps between disconnected process steps and applications so that you don't waste manual effort holding your supply chain together. With Redwood, your processes work together, automatically and transparently.

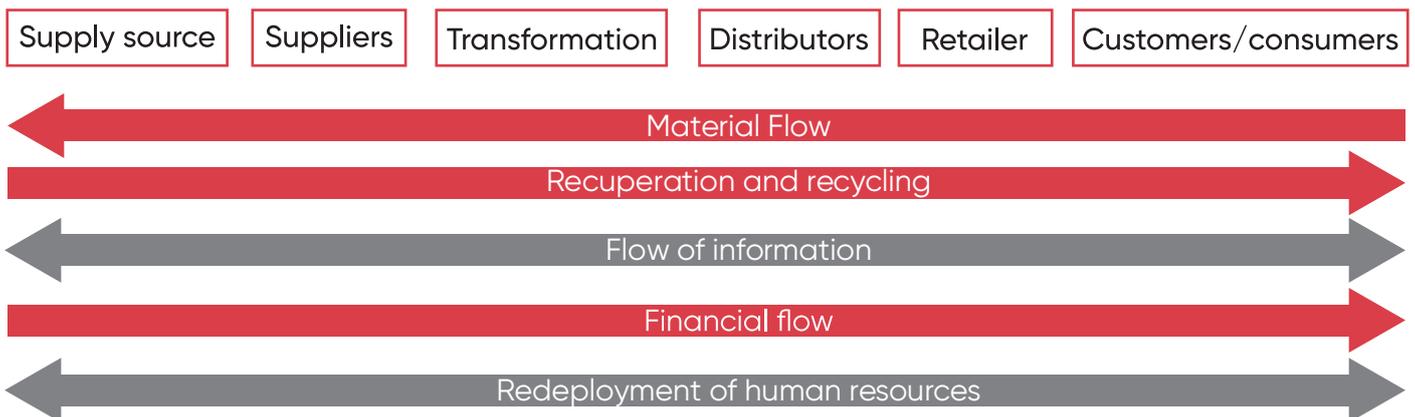
Redwood robotics solutions automate all the steps along your supply chain, including order checking, order confirmation and triggering of delivery workflows and exception escalation.

Automatically coordinate inventory, point of sale, supplier and BI information as changes happen.



Returns Management

Returns can cause significant headaches in the supply chain, but they're an inevitable part of doing business. With automated processes, the returns process becomes more standardized and easier to manage.



Robotic Returns Management

Efficient returns are critical to maintaining a good customer experience. Still, most ERPs make managing returns difficult, requiring end users to resort to ad hoc manual steps. Redwood Robotics eliminates this need by automating processes such as:

- ### 01

Re-entry of products into inventory ensuring correct pricing, including markdowns.
- ### 02

Quarantine of damaged goods.
- ### 03

Management for re-packaging or scraping
- ### 04

Correct adjustments of write-offs and inventory value.
- ### 05

Traceability of different levels and types of returns
- ### 06

Direct interaction with your underlying ERP without replication of metadata or master data.
- ### 07

Direct update/ integration with required compliance matrix or systems.

Supply Chain Planning

Redwood Robotics technology provides supply chain management with a reliable and consistent way to eliminate manual effort involved in sales and operations planning and execution processes while it increases operational agility.

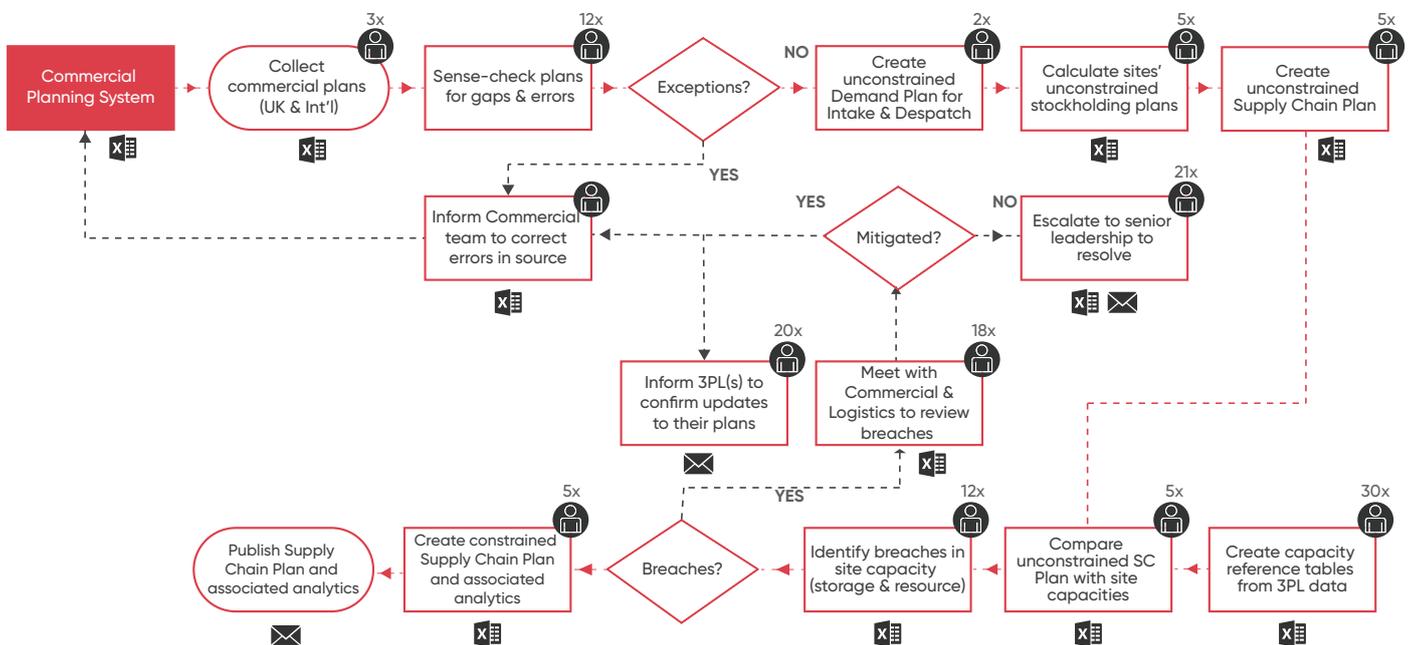
A typical planning process, as depicted below, has many people engaged in manual extraction and manipulation of data, attempting to collaborate across functions to align supply and demand plans each month. These people also have to manually identify risks caused by short-term demand and supply variation.



The most time-consuming elements include manual plan reviews for risks and changing source systems when risks are identified. This often means that these reviews happen less frequently, which, in turn, exposes the organization to higher costs and greater risk overall.

Running the S&OP Process before robotics

The manual process takes in excess of 22 manual steps

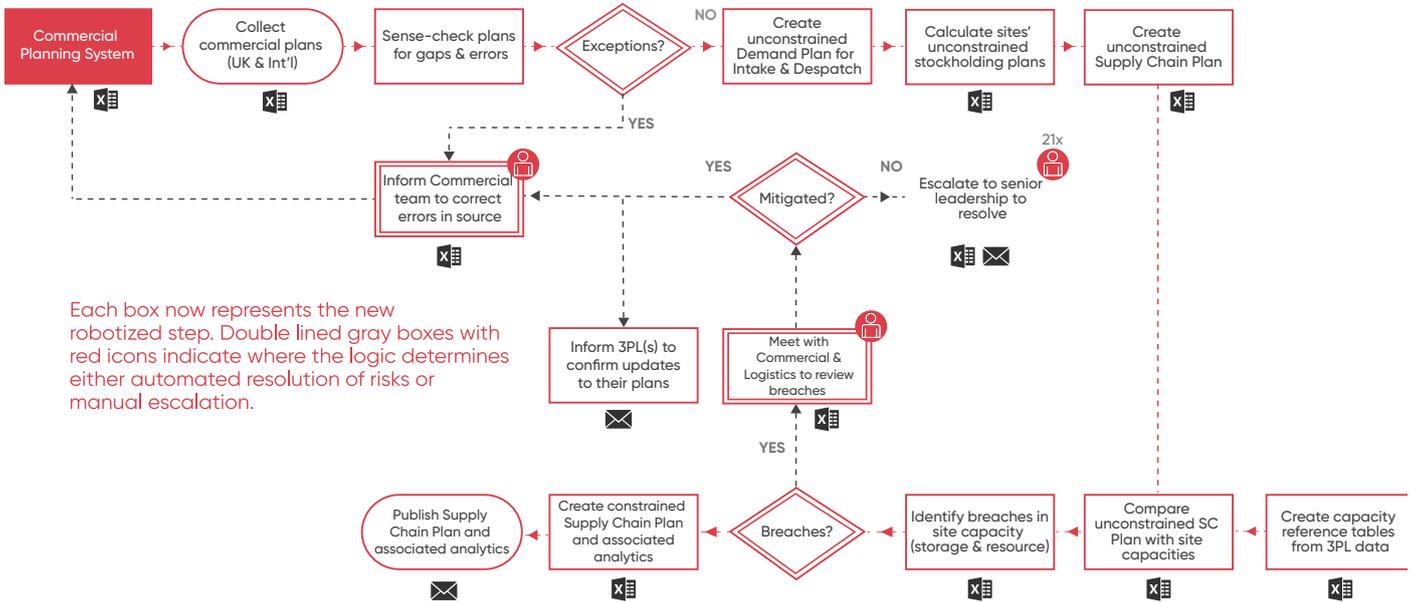


Supply Chain Planning

Robotic processing in supply chain planning, once implemented, collects data, performs calculations and makes simple changes directly within the respective ERP system. It can highlight more complex risks for escalation, seek approvals and update the task list once the changes have been posted for the next period. Risks defined as complex are escalated automatically for manual review and approval.

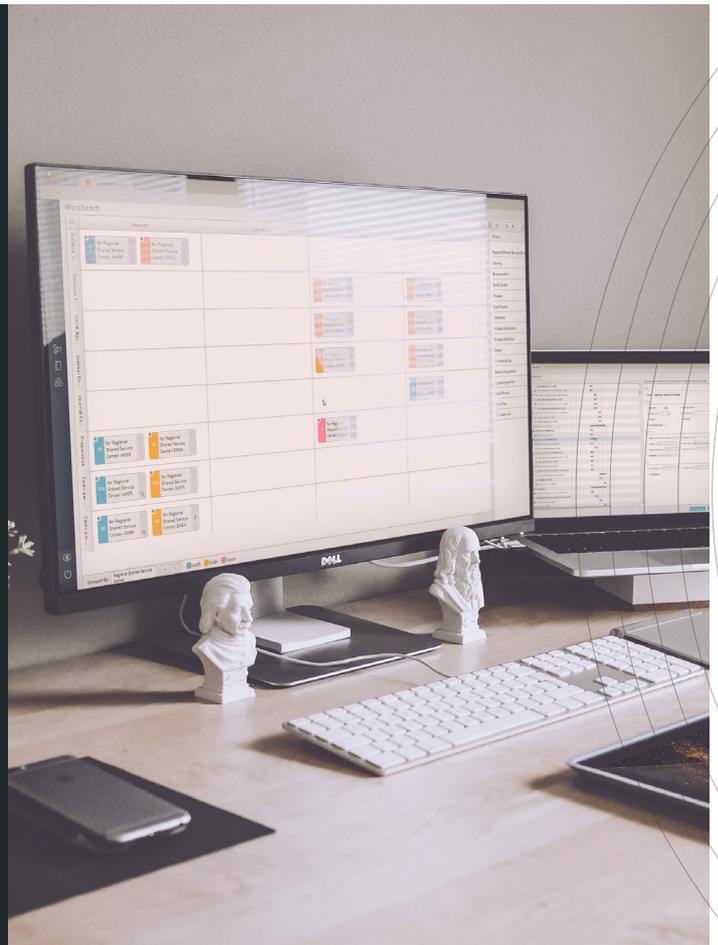
Running the S&OP Process after robotics

Automate over 95% of the manual activities



NO MISSING LINKS

Redwood eliminates repetitive, labor intensive, processes, reduces errors and frees teams to focus on strategic support that adds value. Engaged and motivated employees, equipped with the best tools, ensure a strong supply chain.



FOR MORE DETAILS CONTACT YOUR REDWOOD REPRESENTATIVE OR VISIT WWW.REDWOOD.COM