



Collaborative Material Management

In many organizations, the limitations of older systems and processes create barriers between important material planning and procurement functions. When changes occur in market demand or production capabilities, those organizations cannot smoothly re-plan their material flow. Many of those same organizations still use outdated manual processes to convert material or procurement plans to purchase orders or contracts, or to manage expedite/de-expedite functions and order cancellations. Poor collaboration, and the lack of automated systems, can lead to bloated inventories, slow response times, and lower productivity. The end results are higher costs and dissatisfied customers.

That is why forward-looking companies now seek a more collaborative, automated way to manage the flow of materials through their organizations.

Collaborative Material Management

i2 Collaborative Material Management™ is designed specifically to provide faster, more efficient and cost-effective material procurement. This solution gives companies the information needed to make better material purchasing decisions. It can be deployed to help synchronize and automate material planning and procurement.

A part of the i2 Collaborative Supply Execution™ suite, i2 Collaborative Material Management can enable companies to quickly analyze “what-if” scenarios and conduct incremental planning exercises—so they can react more quickly and intelligently to developing changes in demand.

This market-proven material management system provides proactive visibility into how supply changes impact demand, and vice versa. The solution allows purchase orders and requisitions to be processed automatically from rules-based material requirement plans. i2 Collaborative Material Management connects seamlessly to supply planning systems to automatically execute recommended schedules and expedite/de-expedite/cancel (EDC) recommendations.

Companies across all material-driven industries can deploy this i2 solution to decrease latency, reduce errors, and minimize disputes related to synchronizing planning recommendations with actual procurement execution.

i2 Collaborative Supply Execution

i2 Collaborative Supply Execution is a comprehensive suite of capabilities to address supply management objectives that can be flexibly deployed to meet specific business priorities.

Solutions that comprise the i2 Collaborative Supply Execution suite include:

- i2 Consolidated Procurement™, which provides global visibility and tracking of all purchasing
- i2 Supplier Collaboration/Lean Replenishment™, which allows companies to manage multiple replenishment modes including lean supply strategies
- i2 Collaborative Material Management, which synchronizes and automates material planning and procurement processes

i2 Platform

The i2 platform, a unique service-oriented architecture, is designed specifically to meet the requirements of supply chain management. The platform includes a layer of technology services such as XML data modeling, a business process workflow engine, and a rules-based programming language.

Manage Materials

i2 Collaborative Material Management provides these powerful capabilities:

- The automated release of EDC communications from planning to suppliers
- Trade-off analysis of the impact of supply changes on customer orders
- Evaluation of the impact of demand changes on component supply

Benefits

Collaborative Material Management from i2 is designed to help companies by:

- Providing proactive visibility into the dynamics of supply and demand
- Reducing inventory through lower safety stocks
- Improving productivity through increased automation
- Improved management of expedites, de-expedites, and cancellations
- Supporting more informed and intelligent procurement decisions
- Driving down material-related costs
- Improving overall customer satisfaction

For more information on i2 Collaborative Material Management and other i2 solutions, visit www.i2.com.

The screenshot displays the 'Manage Orders: PO Reschedules' window in the i2 Six application. It features a search section for purchase orders with fields for Order Id, Line Item Id, Item Id, and Supplier. Below the search is a table of PO Reschedules. The table has columns for Order Id, Seq. No., Line Item Id, Item Id, Supplier, State, Message, Quantity, Suggested Delivery Date, Original Delivery Date, and Difference [days]. The data rows are as follows:

Order Id	Seq. No.	Line Item Id	Item Id	Supplier	State	Message	Quantity	Suggested Delivery Date	Original Delivery Date	Difference [days]
P8	1	6	S-EW25-1	Jupiter	Sent	PO Expedite	20	5/11/2004	5/13/2004	-2
P7	1	7	S-PW34-1	Mercury	Sent	PO De-Expedite	10	5/11/2004	5/6/2004	5
P9	1	9	S-CF22-1	Saturn	Accepted	PO Cancel	10		6/6/2004	
P6	1	6	S-KV21-1	Saturn	Accepted	PO De-Expedite	20	5/11/2004	5/6/2004	5
P3	1	3	S-PN12-1	Saturn	Accepted	PO De-Expedite	20	5/11/2004	5/6/2004	5
P5	1	5	S-CB32-1	Saturn	Accepted	PO De-Expedite	30	5/11/2004	5/6/2004	5
P4	1	4	S-CF22-1	Saturn	Accepted	PO De-Expedite	100	5/11/2004	5/6/2004	5

Synchronize material planning and procurement.



The Supply Chain Company®

11701 Luna Road
 Dallas, Texas 75234, USA
 Phone 1.877.926.9286
 Email info@i2.com
 Web www.i2.com