



**syncmanufacturing™**  
Demand-driven planning, scheduling and execution software

**Drive real-time synchronization  
throughout your organization  
for bottom line results.**

clarity

control

confidence

# Transform how you do business.

Demand-driven manufacturing can be a complex business, but panic and guesswork are no longer priorities once you synchronize your processes with us. Sync**Manufacturing**™ software syncs all resources vital to your internal operations and extended supply chain — to simplify your life and transform how you do business.

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**Only SyncManufacturing synchronizes and prioritizes your entire order-to-delivery process in real-time.**

- Create dynamic schedules.
- Synchronize shop floor workflow.
- Maximize production throughput.
- Manage supply replenishments.
- Drive on-time delivery.
- Promote continuous improvement.

“ In two years, we’ve seen a 27% reduction in cycle time, work-in-process reduction from \$32M to \$21M and a 60% reduction in the average number of days late for delivery. ”

VP, Global Business Improvement  
& Information Systems  
Metals Manufacturer

# Real-time control. Real-time results.

Sync**Manufacturing** focuses on real-time enterprise and operational management — from planning and scheduling to inventory management, production and execution systems.

“ With Synchrono, our velocity is up, our direct costs are down. Additionally, we’ve dropped work-in-process by 25%. I cannot imagine running my business without Synchrono. ”

**Director of Capital  
Manufacturing Operations**  
Capital Equipment Manufacturer

Discover how Sync**Manufacturing** can synchronize and prioritize *your* manufacturing operations and extended supply chain.

**Request a demo anytime  
at [synchrono.com](https://synchrono.com).**



# Real-time information integration and flow throughout the plant and beyond.

In manufacturing, changes are constant and reactive measures can result in chaos. Our user-friendly software is comprehensive and adaptive, giving everyone visibility into changes in supply and demand, so you can **keep your production process synchronized** in real-time.

## Know more.

In a synchronized environment, everyone is connected so everyone knows more — from scheduling, purchasing and production to sales, engineering and management.

We eliminate the need to build and update static production schedules. As demand enters, Sync**Manufacturing**<sup>™</sup> checks materials and capacity, while managing constraints. The system easily adapts to changes in real-time, reflecting what's actually happening on the shop floor. And everyone has visibility, **so everyone is always on the same page.**

Seq. Hbr/Order	Release Time	Order Hbr	Constraint Resource	Gap Hours	Released Lead Hours	Order Lead Hours	Delta Type Code	MIN/MAX Constraint Release Time	Leadst Resource
4/6/2013 2:16 AM	118904-0004	193-PAINT	0	10	10.01	4/1/2013 6:47 AM		4/6/2013 10:01	
4/6/2013 2:29 PM	118407-0003	193-PAINT	0	10	10.01	4/1/2013 6:47 AM		4/6/2013 11:00	
4/7/2013 2:04 AM	118904-0004	193-PAINT	0	10	10.01	4/1/2013 6:47 AM		4/7/2013 11:00	
4/7/2013 2:04 PM	118904-0003	193-PAINT	0	8.14	12.21	4/1/2013 6:47 AM		4/7/2013 10:01	
4/8/2013 3:04 AM	118904-0002	193-PAINT	0	10	0.01	4/1/2013 6:47 AM		4/8/2013 10:01	
4/8/2013 4:07 AM	118904-0001	193-PAINT	0	3.01	0.01	4/1/2013 10:01 AM		4/8/2013 10:01	
4/8/2013 11:00 PM	118407-0004	193-PAINT	0	2.63	12.01	4/1/2013 6:47 AM		4/8/2013 11:00	
4/8/2013 11:42 AM	118904-0001	193-PAINT	0	0.78	3.01	4/1/2013 10:01 AM		4/8/2013 11:42 AM	
4/10/2013 12:08 AM	118407-0002	193-PAINT	7.22	0	0.01	4/1/2013 6:47 AM		4/10/2013 12:08 AM	
4/11/2013 12:02 AM	118720-0002	193-PAINT	17.14	0	0.01	4/1/2013 6:47 AM		4/11/2013 12:02 AM	

Our scheduling engine instantly identifies resource and/or material constraints, providing actionable information you can use to resolve issues before they become problems.

Release Time	Order Hbr	Constraint Resource	Gap Hours	Released Lead Hours
4/6/2013 2:16 AM	118904-0004	193-PAINT	0	10
4/6/2013 2:29 PM	118407-0003	193-PAINT	0	10
4/7/2013 2:04 AM	118407-0004	193-PAINT	0	10
4/7/2013 2:04 PM	118904-0003	193-PAINT	0	8.14
4/8/2013 3:04 AM	118904-0002	193-PAINT	0	10
4/8/2013 4:07 PM	118904-0001	193-PAINT	0	3.01
4/8/2013 11:00 PM	118407-0004	193-PAINT	0	2.63
4/8/2013 11:42 AM	118904-0001	193-PAINT	0	0.78
4/10/2013 12:08 AM	118407-0002	193-PAINT	7.22	0
4/11/2013 12:02 AM	118720-0002	193-PAINT	17.14	0

## Control variability.

Sync**Manufacturing** allows you to manage and respond to variability before it undermines production. Whenever an order is moved, the priorities of all operations and materials are automatically re-prioritized and re-synchronized.

Consume Pct	Item Nbr	Item Desc	Order Nbr	Resource Name	Net Required Qty	Total Time	Setup Type	Production Unit
100%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02133-20	719-1	Packaging	5	24	BACh
88%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02109-20	419-1	Packaging	3	2	BACh
88%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02118-20	629-1	Packaging	10	4	BACh
64%	2005	Blonde wood 4 FOOT x 4 FOOT Table	W02007-20	330-10	Packaging	10	47	BACh
64%	2005	Blonde wood 4 FOOT x 4 FOOT Table	W02192-20	8700089-1	Packaging	20	8	BACh
54%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02190-20	550-30	Packaging	1	04	
41%	2005	Blonde wood 4 FOOT x 4 FOOT Table	W02076-20	550-10	Packaging	10	4	
41%	2005	Blonde wood 4 FOOT x 4 FOOT Table	W02019-20	927-1	Packaging	10	4	
30%	2003	Blonde wood 4 FOOT x 4 FOOT Table	W02004-20	280-20	Packaging	2	09	
28%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02000-20	729-1	Packaging	10	4	
17%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02194-20	819-1	Packaging	5	2	
0%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02079-20	560-10	Packaging	10	47	
-7%	3008	Stained wood 4 FOOT x 4 FOOT Table	W02143-20	829-1	Packaging	10	4	

Red, yellow and green color-coding indicate order availability and urgency, to make it easier to identify orders that demand quick action to resolve materials/capacity issues.

Consume Pct	Item Nbr	Item Desc
100%	3008	Stained Wood 4 FOOT x 4 FOOT Table
88%	3008	Stained Wood 4 FOOT x 4 FOOT Table
88%	3008	Stained Wood 4 FOOT x 4 FOOT Table
64%	2005	Blonde Wood 4 FOOT x 4 FOOT Table
64%	2005	Blonde Wood 4 FOOT x 4 FOOT Table
54%	3008	Stained Wood 4 FOOT x 4 FOOT Table
41%	2005	Blonde Wood 4 FOOT x 4 FOOT Table
41%	3008	Stained Wood 4 FOOT x 4 FOOT Table
41%	2005	Blonde Wood 4 FOOT x 4 FOOT Table
30%	2003	Blonde Wood 4 FOOT x 4 FOOT Table

“ With Synchrono, we have confidence accepting new orders and making new customer commitments. Order status is visible to everyone in real-time. Production priorities are much easier to manage. Our shop floor time has been cut in half. ”

VP of Operations

Stainless Steel Systems Manufacturer

Request a demo anytime at  
[synchrono.com](http://synchrono.com).

## Embrace simplicity.

Simple and intuitive, our red, yellow and green screen indicators give you status at a glance and alert you to any issues. This eliminates guesswork across your organization, from sales and customer service to engineering and purchasing.

Buffer	Item Nbr	Item Desc	Item Type Code	Order Policy Code	Inventory Qty	Buffer Qty	Reorder Qty	Safety Stock Qty	Mfg Interval	Planner Code	Supply Qty	Demand Qty
100%	1013	4 FOOT x 4 FOOT Foam P...	BUY	KP		300			7 A	G	0	189
80%	3003	Stained Wood 4 FOOT x 8 ...	MAKE	MM	99	500	225	100	28	G	0	0
80%	2007	82 INCH x 2 INCH Table L...	MAKE	KP	100	500			7 B	G	0	0
77%	1006	Screws	BUY	MM	2,281	10,000	3,000	1,000	7 A	G	7760	
54%	1014	4 FOOT x 4 FOOT Coruga...	BUY	KP	138	300			7 C	G	200	155
50%	1028	1 INCH wood peg	BUY	KP	1,200	2,400			14 A	G	1000	0
39%	1016	2 INCH x 2 INCH Pine Wood	BUY	KP	2,000	3,200			7 C	G	1000	300
38%	1025	1.5' x 2' Metal Chair Seat	BUY	KP	740	1,200			21 A	G		
30%	1022	Brackets	BUY	POS	700	1,000	250		21 A	G		
29%	1027	Laminata - Blonde Wood H...	BUY	KP	641	900			21 A	G		
23%	1001	1 FOOT Particle Board	BUY	MM	1,500	2,000	1,000	300	28	G		
24%	1017	Laminata - Stained Wood	BUY	KP	409	600			7 C	G		
20%	1028	1.5' x 2' Metal Chair Back	BUY	KP	1,200	1,500			21 A	G		
13%	1018	Bipng - Stained Wood	BUY	KP	521	600			7 C	G		
9%	1019	4 INCH x 4 INCH Fetter...	BUY	KP	2,839	2,700			7 A	G		
9%	1018	Washer	BUY	POS	2,839	3,000	1,000		7 C	G		
5%	1012	2 INCH x 2 INCH Fetter...	BUY	KP	2,594	2,700			7 A	G		
1%	1002	Laminata - Blonde Wood	BUY	KP	446	450			7 A	G		

Sync**Manufacturing** analyzes real-time production and inventory data to improve your replenishment management.

Buffer	Consumes Pot	Item Nbr	Item Desc	Item Type Code
100%	1013	4 FOOT x 4 FOOT Foam P...	BUY	
80%	3003	Stained Wood 4 FOOT x 8 ...	MAKE	
80%	2007	82 INCH x 2 INCH Table L...	MAKE	
77%	1006	Screws	BUY	
54%	1014	4 FOOT x 4 FOOT Coruga...	BUY	
50%	1028	1 INCH wood peg	BUY	
39%	1016	2 INCH x 2 INCH Pine Wood	BUY	
38%	1025	1.5' x 2' Metal Chair Seat	BUY	
30%	1022	Brackets	BUY	

## Define, refine, improve.

Our analytical tools and real-time data allow you to track, predict and improve performance of critical areas of the operation.

Recognize and resolve items disrupting flow. Further perfect your flow with every order.

Item Name	Item	Status	Qty
3004 4' 8INCH x 4 2INCH Pine Wood	Consume Qty: [16]	Release Qty: [0]	
30	(Step 3 of 4)		
40	(Step 4 of 4)		

Analytical tools allow you to monitor key pacing operations and align orders.

Easily access real-time information and modify inputs with user-friendly drag-and-drop features.

## Unique capabilities in SyncManufacturing™ software...

Build schedules dynamically, so orders are immediately queued, prioritized and communicated to all functions.

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Adjust execution variability proactively, in real-time, and align operations with customer delivery expectations.

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Provide universal visibility to ensure clear, consistent interpretation of data and objectives across production, supply, customer service, management and other functions.

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Rapid replenishment and purchase functions link directly to current production capabilities in a pull-based process that supports demand-driven manufacturing.

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Highlight opportunities for continuous improvement with analysis tools that are intuitive and easy-to-use.

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Integrate easily with any existing ERP platform — including Infor, Oracle, SAP, Microsoft Dynamics, JD Edwards and more.

## drive concrete, competitive results.

Dynamic scheduling and execution features increase throughput as much as **50%**.

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Resource, labor and materials synchronization eliminates waste and cuts cycle times by up to **75%**.

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Make and buy decisions based on actual demand reduces inventories by as much as **60%**.

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Capacity management and visibility tools make it easier to manage demand/production changes — and drive on-time deliveries as high as **90%**.

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Access to key metrics helps you allocate resources and boost revenue-per-employee by as much as **30%**.

Request a demo anytime at  
**[synchrono.com](https://www.synchrono.com)**.

## Drive velocity. Drive down costs.

- Balance work-in-process.
- Achieve consistent cycle times.
- Ensure predictable deliveries.
- Synchronize all resources.

Sync**Manufacturing**™ — planning, scheduling and execution software that meets your demand.



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Sync your supply chain from the factory out.