



CASE STUDY

WISCO INDUSTRIES

Wisco Industries includes two divisions at three locations that total 300,000 square feet of manufacturing and assembly operations. The Metal Stamping and Fabrication division supplies OEMs in many industries with precision metal stampings, fabrications, sub-assemblies, and complete products. The Food Service Equipment division manufactures and distributes pizza ovens, convection ovens, and heated merchandisers. Manufacturing facilities are located in Wisconsin and Alabama.

Industry:
Food & Beverage

Location:
Oregon, WI

Results



Reduced overall
inventory by 20%



Reduced raw material
inventory by 15%



Increased efficiency of
shop floor operations



Gained ability
to add unlimited users
with no IT investment



When Wisco Industries’ customers began requesting advanced capabilities such as integrated quality and EDI, the company knew it needed a new ERP system. Its previous platform didn’t integrate with other business systems and lacked adequate functionality for controlling inventory. It also required lengthy upgrades that disrupted production. Hoping to eliminate the data siloes that made it difficult to meet customer needs, Wisco Industries began researching cloud-based solutions.

Losing production time to upgrade a complex ERP system is something that would make any manufacturer cringe. Yet, it happens. But for Wisco Industries the pain didn’t stop there. Along with the complicated upgrades, the company also had a lot of external systems that didn’t interface at all—like quality documentation, SPC, and even human resources information like employee vacation time.

Wisco Industries is made up of two divisions: one that manufactures food service equipment and the other does metal stamping and fabrication. When customers requested capabilities like integrated quality and EDI, that’s when the company knew it needed a new ERP.

“We were looking for a system that would not only get rid of all these little islands of information but also something in the cloud,” said Bob Hartung, Director of Information Technology.

Wisco came across the Plex Manufacturing Cloud in Fabricator Magazine, and what stood out about the system was a unified database.

“When we were first looking at Plex, I was impressed because everything seemed to be self-contained within the system. Centralization of data, EDI, the portals—all these things improve communication and build a relationship with the customer where needed,” said John Brayshaw, Operations Manager.



I think the teamwork between Wisco and Control+M is why we came up with such a great solution that's positively impacted their business. The adage, 'Plan the work and work the plan,' was really well-executed at Wisco.

Patti Nowak

PMP, Control+M Solutions

A Great Partnership (Control+M)

Soon after connecting with Plex, the Wisco team met Patti Nowak from Control+M Solutions, LLC.—a former Plex customer turned consultant. Patti and her team guide manufacturing companies through Plex implementations leveraging solution architect experience and expertise to ensure a successful outcome.

“Wisco really focused on their implementation project and had excellent leadership with the core team and upper management that encouraged discipline and thoughtful work. Those qualities when you're managing a project are key—especially with an ERP change,” said Nowak.

Wisco saw the value the Control+M team brought to the table in helping the company focus on optimizing its Plex implementation.

“Patti was the captain of the ship leading us in the right direction. We didn't have a person like Patti on our team and needed her to come in and kind of steer us in that area. It's been really helpful,” said Mike O'Malley, Controller.

Smoother Shop Floor Operations

The live scheduling and visibility Wisco gained with the Plex Manufacturing Cloud has had a great effect on shop floor operations. Employees are using the Control Panel to record production of all materials, and this has dramatically improved efficiency.

“Materials are now flowing better through the shop floor instead of having all this inventory sitting there waiting for something to happen. Plex has definitely made us more efficient,” said John Brayshaw.

“A big improvement that I see with Plex is the fact that we can do live scheduling. We can now move a job and schedule it in front of another job at a whim or a customer’s request. We couldn’t do that before.”

–John Brayshaw, Operations Manager, Wisco Industries

Now the company can use live scheduling to respond quicker to customer requests without affecting other customer orders or stopping and re-starting production. Wisco can see at any moment what’s being done at any workcenter on the shop floor, who the employee is, levels of production rates or quality, and the checks that are in progress or completed.

Tighter Inventory Control

As the company has seen inventory move more efficiently from each step in the production process, inventory control has improved. Gone are the days of the annual physical inventory that involved manually tagging up to 9,000 materials— and spending the Fourth of July holiday weekend in the warehouse. No more searching for materials on the floor that could last up to 20 minutes to locate something.



“Our inventory is down at least 20%, and our finished goods and raw material inventory is down by 15%. We’re reducing our inventory, and our cash flow is the best it’s ever been by far.”

*–Ryan Kjellstrom, Vice President of Line Sales and Marketing.
Wisco Industries*

For Wisco, tighter inventory control has resulted in less inventory on the shop floor, better material handling, and faster lead times. The company can also leverage buying power with its suppliers. Instead of purchasing one material at a time, Wisco can place an order for multiple items from one supplier to drive costs down.

“What surprised me after we implemented Plex was more accurate close-out and costing. On the sales side, I’ve been able to hold our pricing without an increase due to that fact that our close-outs are more accurate and our costs of goods are better now than in our previous system,” said Ryan Kjellstrom.

A More Competitive Company

No matter what happens within the manufacturing industry, Wisco feels ready to respond. Mike O’Malley says most of that is out of the company’s control but Plex puts Wisco in a much better position to boost sales.

“Better quality, more efficiencies, and enhanced communication. All those things help us build better relationships with our customers—and that’s what Plex gives us. At the end of the day, I think it’s going to make our future brighter and more competitive as we go forward,” said O’Malley.

ABOUT PLEX

Plex Systems, Inc., a Rockwell Automation company, is the leader in cloud-delivered smart manufacturing solutions, empowering the world’s manufacturers to make awesome products. Our platform gives manufacturers the ability to connect, automate, track and analyze every aspect of their business to drive transformation. The Plex Smart

Manufacturing Platform includes solutions for manufacturing execution (MES), ERP, quality, supply chain planning and management, Industrial IoT and analytics to connect people, systems, machines, and supply chains, enabling them to lead with precision, efficiency, and agility.

Learn more at www.plex.com