



ECLIPSE THE COMPETITION

NUCOR gains a competitive advantage with complete production visibility.



THE COMPETITIVE NEED FOR AUTOMATION.

For almost 30 years, NUCOR Building Systems manufacturers competitively priced metal buildings that are delivered on time and can be easily assembled at any site. While they were manufacturing the best product possible, they knew they had room to improve.

What they required was a proven technology solution to send orders directly from their ERP system to their

roll forming machines. This would eliminate the need for operators to manually key in jobs at the controller. Automation would also eliminate mistakes such as duplicate order entries.

THIS IS WHERE ECLIPSE PRO PRODUCTION MANAGEMENT SOFTWARE FROM AMS CONTROLS ENTERS THE MANUFACTURING PROCESS.

“AMS Controls was able to retrieve all of our machine parameters and logic prior to the retrofit and modify them for the new XL200 controllers and Eclipse Pro software. They have also provided superb remote support and are always focused on making NUCOR more efficient and more profitable.”

RICK SEARS, IT SUPERVISOR, NUCOR BUILDING SYSTEMS





OUR TECHNOLOGY. NUCOR'S SUCCESS STORY.

Once the team at AMS Controls listened to NUCOR's complex challenges, they knew the solution. It involved the installation of our XL200 Series controllers on their purlin mill and two panel lines. Next, Eclipse Pro Production Management Software was added for complete production visibility.

It was an upgrade that helped NUCOR up their manufacturing game. Now they could electronically send orders to the controllers and collect both production and coil data from each machine during actual production.

GOING FROM MISTAKES TO MISTAKE PROOF.

Eclipse Pro software not only eliminated NUCOR's duplicate order entries, and the errors that resulted from this manual process, but it helped them improve production efficiency that included:

- Minimum savings of 200 man hours in a 2-year period by reducing data entry.
- Complete visibility into their production process through real-time monitoring.
- Significant time reduction for operators to load production jobs.
- Electronically send orders to controllers to drastically reduce part mistakes
- Collect production + coil data from each machine as they run.



MAKE EVERY OPERATOR YOUR BEST OPERATOR.

By automating the order entry process using Eclipse Pro software from AMS Controls, NUCOR has drastically improved both operator efficiency and accuracy. They also benefit from improved visibility of the entire manufacturing process using reporting tools to track downtime and scrap. It's real-time monitoring of their lines that helps them to continue to eclipse their competition.

