

## AUTOMATING PROCESSES BECOMES HIGHLY PROFITABLE WITH WORKFORCE TRAINING

**ABOUT NEW MILLENNIUM BUILDING SYSTEMS.** New Millennium, a wholly owned subsidiary of Steel Dynamics, engineers and fabricates steel building systems and components for low-rise and multi-story construction - including commercial, industrial, healthcare, educational, and government markets. Engineered systems include steel joists, girders, and trusses, steel decking, and long-span composite floor solutions. New Millennium can design and produce building systems to meet unique and diverse architectural and structural requirements.

**THE CHALLENGE.** The goal was to reduce downtime and increase productivity in automated manufacturing processes at our steel joist facility in Fallon, NV. When New Millennium ventured into automation in 2019, its workforce was not ready for the level of technology it was adopting. In the first few years, there was a lot of trial and error, and hard lessons were learned on the fly.

**MEP CENTER'S ROLE.** When the idea of training their workforce came up, Manufacture Nevada helped facilitate training solutions for automation, mechatronics, hydraulics, pneumatics, and general mechanical applications. New Millennium has reduced downtime in automated processes by 70%, increased their efficiency by 40%, and commercialized the products created by the automation processes, ultimately saving hundreds of thousands of dollars per year in operating and material costs.

"Without the help of Manufacture Nevada, we would be years behind in training on the level of technology we have implemented at our facility. Jarrad Prida is one of the best in the game and has opened doors for our workforce's knowledge that we would not have been able to find on our own. He has created flexible learning that's required for our robust production environment. We look forward to getting the rest of our workforce at our six other facilities across the US and Mexico up to the same level of comprehension in the future."

-Rob Harrison, Manufacturing Development Manager

## RESULTS



70% decreased downtime on automated processes



40% improved efficiency for automated processes



100,000's savings in operating and material costs



Commercialized products created by automated processes



Flexible workforce learning

## CONTACT US



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