



# A State-of-the-art Manufacturing Execution System for Steel Manufacturing

Shanxi Jianlong Industrial Co., Ltd. (Shanxi Jianlong) produces over 50 varieties of high-quality metal products, including high-strength construction steel, carbon and alloy structural steel, automobile steel, and much more. Shanxi Jianlong set out to build a brand-new steel manufacturing facility from the ground up. To ensure efficient operations and achieve the highest production quality, establishing a state-of-the-art Manufacturing Execution System (MES) was a top priority. Shanxi Jianlong selected Lenovo ThinkSystem SR650V2 servers, fueled by 3rd Gen Intel® Xeon® Scalable processors, to underpin its mission-critical MES—helping the company to achieve 45% lower operational and IT maintenance costs while also improving the performance of core systems by over 40%.<sup>1</sup>

“With Lenovo ThinkSystem servers, powered by 3rd Gen Intel® Xeon® Scalable processors, supporting ultra-efficient scalable steelwork manufacturing, we can focus on delivering high-quality products to our customers and powering economic growth in Shanxi Province.”

**Xiaofeng Wang, Engineer of Automation, Shanxi Jianlong**

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<sup>1</sup> For more complete information about performance and benchmark results, <https://www.intel.com/content/www/us/en/customer-spotlight/stories/shanxi-jianlong-industrial-customer-story.html>