Midea Group, known globally for its consumer electronics and HVAC products, built its industrial vision inspection cloud platform with an end-to-end artificial intelligence solution from Intel. Midea used Intel® Xeon® Scalable processors and Analytics Zoo, a unified analytics and AI platform, to help the company's industrial visual inspection cloud platform develop a comprehensive deep learning process in a quick and agile manner. This comprehensive deep learning process ranges from frontend data preprocessing, to model training, inference, data prediction and feature extraction. The solution helps Midea reduce equipment cost and extend the equipment life cycle. Overall, the visual inspection cloud platform has won praise from frontline workers to top-level management.

"Intel® Xeon® Scalable processors helped achieve faster and better computing. The combination of Intel's software, hardware products and technology has helped us in taking a solid step forward in smart manufacturing."

Zheng Hu, Director, Midea Vision Institute

Midea Builds its Industrial Vision Inspection Cloud Platform for Smart Manufacturing

**Products and Solutions**
- Intel® Xeon® Scalable processors
- Intel® Advanced Vector Extensions 512
- Analytics Zoo

**Industry**
- Manufacturing

**Organization Size**
- 10,001+

**Country**
- People's Republic of China

**Learn more**
- Case Study

99.8% RECOGNITION RATE for visual inspection

57% REDUCTION in project deployment cycle

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