

NEWSLETTER

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Liaoning Accelerates Digital Transformation of Manufacturing

China's northeastern province of Liaoning is accelerating manufacturing digitalization through industrial internet technologies. Manufacturers in the industrial hub are adopting intelligent equipment, bionic robots and computer numerical control (CNC) machines across machinery and apparel production. The transformation highlights efforts to modernize traditional manufacturing through automation and digital technologies. **(Xinhua)**

Chengdu and Italy Deepen Technology Cooperation

Chengdu, capital of southwest China's Sichuan Province, is strengthening technology cooperation with Italy. More than 40 institutions and companies joined a Milan matchmaking event, where partnerships were established in specialized robots and mobile solar-powered generation equipment. The cooperation highlights growing opportunities for joint research, technology transfer and commercialization. **(Xinhua)**

China Advances BeiDou Integration with AI and Satellite Internet

China plans to strengthen technological innovation of the BeiDou Navigation Satellite System (BDS), integrating it with artificial intelligence (AI), satellite internet and other technologies. The system already provides positioning, navigation and timing services worldwide, with applications spanning transportation, agriculture, meteorology, hydrological monitoring and disaster relief. **(Xinhua)**

China's Industrial Robots Expand into Real-World Applications

China's industrial robot sector is expanding into hazardous and specialized applications, from petrochemical inspection to water-quality monitoring. The country produced 538,000 industrial robots in the first half of 2026, up 28% year-on-year, while robotics-sector revenue reached 165.5 billion yuan (about \$24.4 billion). Robot exports to 141 countries and regions rose 18.6%. **(Xinhua)**

China Advances Next-Generation Synchrotron Light Source

China's Hefei Advanced Light Facility (HALF) has successfully generated its first electron beam, marking a key step toward completing the fourth-generation synchrotron light source in Hefei, Anhui Province. Once operational, HALF will provide high-precision tools for research and innovation in advanced materials, new-energy batteries, biomedicine, aerospace and high-temperature superconductivity. **(Xinhua)**