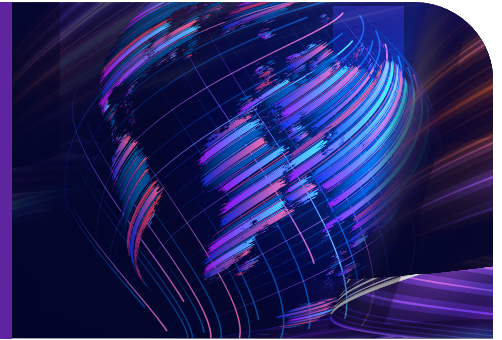


AI-powered detection

Preventing downtime,
increasing productivity



Computer vision, the internet of things (IoT) and robotics are converging to enhance manufacturing productivity and efficiency. DXC Technology gives you access to a variety of cost-effective and easily deployable AI applications for smart manufacturing and smart spaces, such as the application of computer vision for factory automation and quality control. Leverage your existing investments in hyperscaler cloud platforms, or deploy secure, private AI with help from DXC and NVIDIA to translate ideas into AI Impact.

AI-driven motion anomaly detection with robotic arm

Reducing production slowdowns via nonintrusive AI-driven motion detection algorithms

Challenge	Solution	Benefits
Why are we doing it?	What is the solution?	What is in it for you?
<ul style="list-style-type: none"> Connecting robot controllers in existing brownfield manufacturing facilities is time-consuming Detecting and improving robot pathing is often done only during initial setup of production line and not monitored continuously Existing camera-based motion-tracking systems are expensive and require extensive calibration and preparation of the environment 	<ul style="list-style-type: none"> An affordable nonintrusive solution consisting of an industrial camera, AI models for motion tracking, and the corresponding hardware Real-time video footage showing movement tracking Charts showing axis positions over time Machine learning model for outlier and anomaly detection to detect slowdowns 	<ul style="list-style-type: none"> Access the logical data of robot position, axis movement over time, without extensive preparation Receive alerts about anomalies in robot timing and movement Detect slowdowns or microstops of your production cell Improve production efficiency and reduce costs

Learn more at
dxc.com

Contact us

- Sunil Menon
sunil.menon2@dxc.com
- Alexander Linke
alexander.linke@dxc.com

Get the insights that matter.
dxc.com/optin



About DXC Technology

DXC Technology (NYSE: DXC) helps global companies run their mission-critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. The world's largest companies and public sector organizations trust DXC to deploy services to drive new levels of performance, competitiveness, and customer experience across their IT estates. Learn more about how we deliver excellence for our customers and colleagues at [DXC.com](https://dxc.com).