

6
WAYS
**Computer Vision
Can Improve Your
Manufacturing Process**

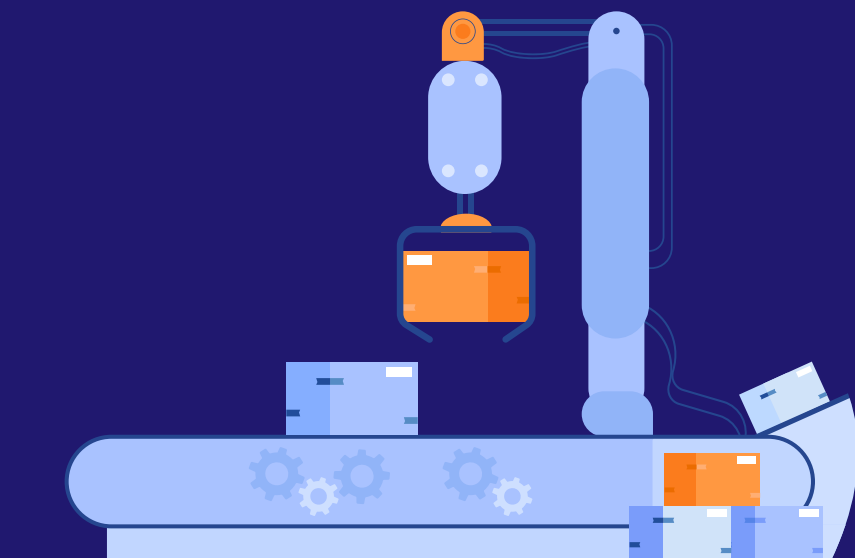


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01

Detecting Product Damages & Defects

Identify out-of-shape or defective products in the manufacturing process using object detection models for quality assurance.

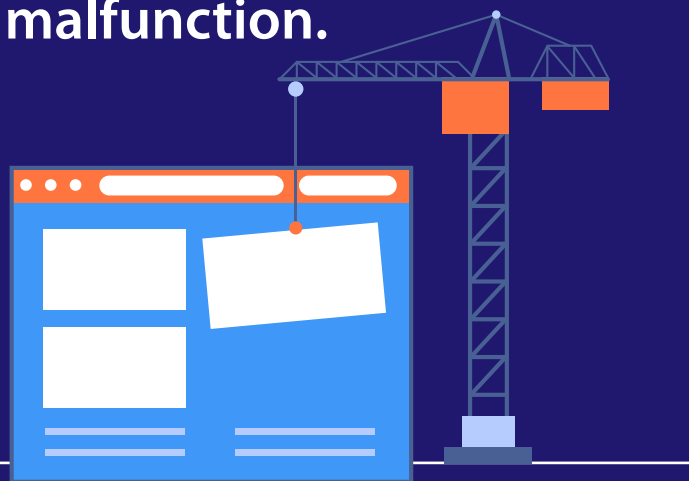


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02

Predictive Maintenance

Over time, industrial processes lead to material degradation. This has the potential to cause significant losses and may even halt the production process. Computer vision-enabled systems alert production managers, helping them to take quick action in case of any malfunction.



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03

Safeguarding Workers

Computer vision monitors worker movement, spots potential hazards, and helps establish a secure workplace.



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04 Package Inspection

Implementing computer vision technology to detect package-related flaws helps regulate quality.



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05

Enables Barcode Generation

Computer vision applications like Barcode Recognition (OBR) can help identify standard 1D & 2D barcodes, routing components automatically by product line.



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06

Stock & Inventory Management

Computer vision makes real-time data collection possible, analyzing photos and videos taken by drones, mobile devices, and cameras deployed on store floors, shelves, and warehouses. It streamlines functionality, identifies which products are over or under-sold, and helps in tracking and arranging stocks.



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