



AI-Robotics in Supply Chain Management



Written by **GXO Logistics**

In the supply chain sector, the timely movement of goods is important for businesses to thrive, and how we harness our imaginations can play an important role. At GXO we have recently embarked on a fascinating journey of piloting AI-enhanced robotics.

A huge leap into the future of automation, this development showcases the evolution of supply chain management. The robots are designed to streamline warehouse operations. By integrating the robots with AI, we aim to revolutionise traditional supply chain methods, paving the way for a more flexible structure. Through machine learning, robots can adapt to environments

and make data focused decisions quickly. This fusion of AI and robotics ushers in a new era of automation, where machines work alongside human colleagues.

Robots can perform tasks with speed and level of accuracy that we as humans at times cannot. The use of AI Integrated robotics holds a lot of potential. Every movement, decision, and communication is meticulously recorded and analysed, producing insights within warehouse operations. Using this data will pick up on any inconsistencies, and improve the workflow. This approach with data enables continuous improvement.

The rise of automation has raised concerns about potential job displacement and the future of human operatives and workers in logistics. We are addressing this by making it clear that we value people, our teams in every department and collaboration! We wouldn't ever want to replace humans with robots. Robots will simply free up



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human colleagues to focus on more important activities. We also believe in investing in people by training and continued development.

We're not quite at the point of flying cars yet, but AI-enhanced robotics open up vast possibilities for the logistics sector. The future looks brighter than ever with so many technology advancements on the rise. For those aspiring to careers in technology, engineering, or logistics, this represents a new frontier.

In this moment of evolution, we want to encourage you to seize the opportunities that lie ahead in logistics, see you in the future!

Additional information

Find out more

[Article: GXO pilots AI-enhanced robotics in warehouse](#)

About the author

GXO is the world's largest pure-play contract logistics provider, offering cutting-edge supply chain solutions to the world's most successful companies.

Do you want to work alongside inspiring people, while feeling valued and trusted? GXO is an equal opportunities employer, committed to providing a diverse, world-class workplace for more than 40,000 team members in the UK & Ireland across over 290 facilities. We're seeking talented people to join our operations in a variety of roles. Our greatest strength is our people – energetic, innovative individuals of all experience levels and talents who make GXO a great place to work.