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The Top 5 Changes That Occur With AI in Logistics.

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**Allianze BPOSERVICES**

**Predictive Capabilities Skyrocket When AI in Logistics Is Implemented**

The capabilities of AI are seriously ramping up company efficiencies in the areas of predictive demand and network planning. Having a tool for accurate demand forecasting and capacity planning allows companies to be more proactive.

**Robotics**

No conversation about Artificial Intelligence is complete without mentioning the field of robotics. While they may sound like a futuristic concept, they are already embedded inside the supply chain. Tractica Research estimates that the worldwide sales of warehousing and logistics robots will reach $22.4 billion by the end of 2021. Robots are locating, tracking, and moving inventory inside warehouses, they are conveying and sorting oversized packages at ground distribution hubs.

**Big, Clean Data**

The Artificial Intelligence answer is not only about robots, however. The power of Big Data is allowing logistics companies to forecast highly accurate outlooks and optimize future performance better than ever before. The insights of Big Data, especially when generated by AI, can improve many facets of the supply chain like route optimization and supply chain transparency. Just look at real-world examples: like UPS saving 10 million gallons of fuel annually by optimizing their routes, or how companies are getting smarter with last-mile deliveries.

**Computer Vision**

Another set of eyes is always a bonus when moving cargo around the world – and this is especially true when those eyes are connected to state-of-the-art technology. Computer vision-based AI is allowing us to see things in new ways: including the supply chain. According to logistics giant DHL, visual inspection powered by AI is identifying “damage, classifying the damage type, and determining the appropriate corrective action” faster than ever before.”

**Autonomous Vehicles**

Last but certainly not least: autonomous vehicles. While driverless trucks may still be a while off, high-tech driving assistance is coming to the logistics industry to increase safety and efficiency.

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