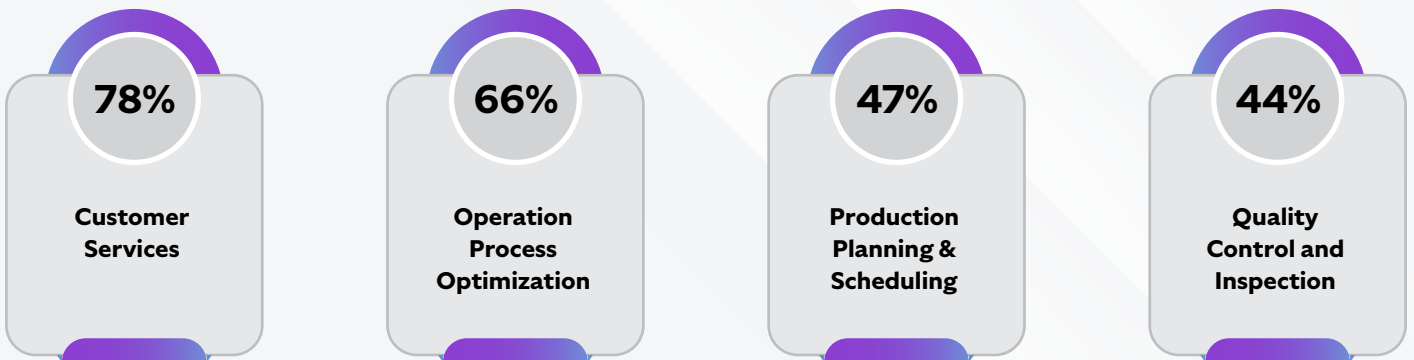


## HOW GENERATIVE AI TRANSFORMS INVENTORY MANAGEMENT

According to **EY research**, around 40% of supply chain organizations are investing in **Gen AI** technology.

Gen AI improves inventory management by analyzing stock levels and enhancing various supply chain functions, such as :



### Benefits of AI in Inventory Management



#### PROCESS STREAMLINING

Enhances efficiency and productivity in inventory management from procurement to delivery.



#### STOCKING OPTIMIZATION

Optimizes stocking management & delivery processes, ensuring the right products are in stock at the right time, minimizing shortages and overstocking.



#### PERSONALIZED EXPERIENCES

Businesses can improve satisfaction and loyalty by customizing products and services to individual preferences.



#### COST REDUCTION

Reduce costs by providing accurate demand forecasting, optimizing inventory levels, and streamlining procurement processes.



#### REAL-TIME INSIGHTS

Deliver up-to-the-minute data for agile responses to market shifts and informed decision-making.



#### CUSTOMER SATISFACTION

Ensures optimal product availability, elevating shopping experiences and fostering loyalty.

### Use Cases of AI in Inventory Management



#### DYNAMIC SAFETY STOCK MANAGEMENT :

AI optimizes safety stock management to prevent inventory issues and boost ROI while enhancing customer experience.

#### DEMAND FORECASTING :

AI-powered forecasting provides real-time insights that significantly enhance accuracy and reduce supply chain errors. This results in minimizing losses caused by unplanned demand or incorrect stock numbers.

#### PRODUCTIVITY ENHANCEMENT :

AI integration streamlines task management, improving productivity and resource utilization with better monitoring of lead times, quantities, and operational inefficiencies.

#### LOGISTICS STREAMLINING :

It prioritizes critical processes, addressing bottlenecks, meeting customer demands, and reducing costs. This results in significant savings in storage expenses and unsold products while enabling inventory expansion.

#### WORKFORCE EMPOWERMENT :

It provides employees with the tools to make accurate product recommendations, boosting retail performance by up to 40%. Additionally, it offers educational resources to enhance overall business performance.

**Emergys'** tailored AI solutions unlock your inventory management potential. Streamline your supply chain, optimize stock levels, and cut costs effortlessly to propel your business toward success.