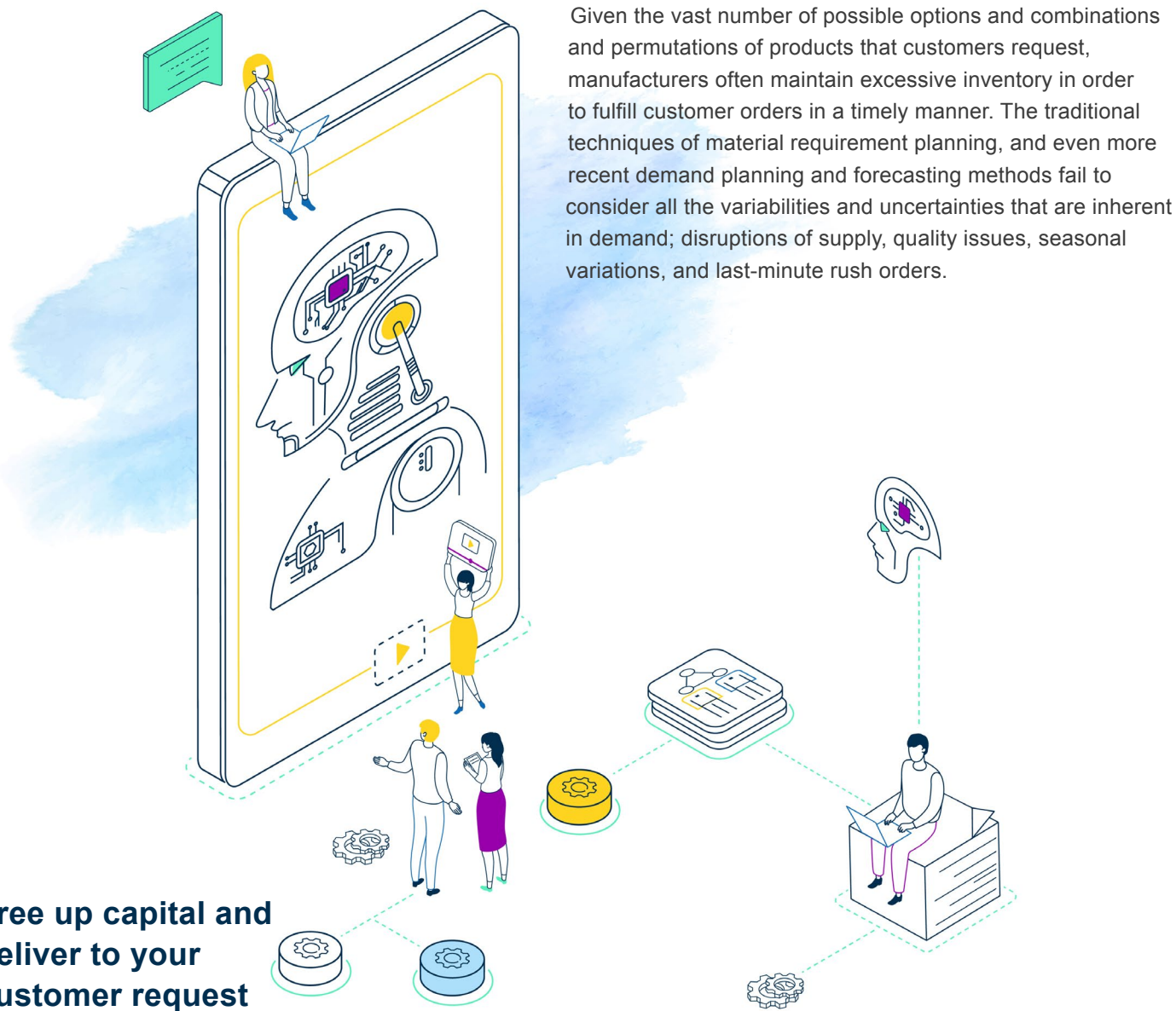


Eliminate excess inventory cost and free up capital using Adexa Genie[®]



Given the vast number of possible options and combinations and permutations of products that customers request, manufacturers often maintain excessive inventory in order to fulfill customer orders in a timely manner. The traditional techniques of material requirement planning, and even more recent demand planning and forecasting methods fail to consider all the variabilities and uncertainties that are inherent in demand; disruptions of supply, quality issues, seasonal variations, and last-minute rush orders.

Free up capital and deliver to your customer request at reduced cost. It is all about predicting!

The Adexa solution offers a combination of AI search techniques based on Gradient Descent and machine learning (ML) algorithms that can consider many different factors including but not limited to BOM commonalities, inventory move patterns, seasonal variations, supplier behavior as well as cost of products, suppliers, and transportation.

By continuously evaluating the ever-changing underlying patterns, the system makes logic-based projections as to what is needed and how to minimize cost and ensure highest level of service level.

Benefits of Adexa Safety Stock Genie[®]

By optimizing inventory multiple areas in the business benefit both directly and indirectly

- As the demand changes depending on seasonality or other factors, system automatically adjusts for optimal inventory levels
- Reduction in inventory while maintaining desired service levels. Safety stock levels are not a constant and depend on many factors. The system recommends quantity and location of each part and SKU
- By providing enhanced visibility of requirements to your suppliers, they can improve performance, ensuring on-time delivery and at a lower cost
- Reduce storage & material handling cost by avoiding movement of the wrong inventory
- Reduce insurance, taxes and expedited shipping cost through better projection of how much product is needed and where it is needed
- Improve production efficiency by utilizing the best capacity to make the right inventory at the right time

The System Functions

Adexa is the perfect tool for improving productivity and reducing cost quickly and efficiently

Re-order point recommendations

Safety stock levels are examined continuously, and the right quantities are recommended for each part# and SKU at every location they exist.

Real-time & continuous monitoring

By continuously monitoring new data from supply and demand, the system keeps adapting to its environment to learn and deliver the highest quality results.

Optimizes service levels and cost

Users decide the desired service level by customer (tiers) and/or product (family); and the system delivers the optimal inventory level and cost for that service level in real-time.

Scenario analysis

Multiple scenarios can be created, compared, and analyzed to enable a fact-based decision for the best service level and cost alternative.

KPI and alerts

The system displays actual savings and/or cost avoidance from existing policies as new data becomes available and is incorporated in planning.

