

# I AM NCR POWER DEMAND ANALYTIX (DAX)

Retail and Distribution Industries



## Are out-of-stocks resulting in lost sales and spoiled perishables taking their toll on your profitability?

Are disconnects between your stores and distribution centers causing too much of the wrong inventory to take up your valuable shelf space? Determining and assuring ideal inventory levels in high-volume retail environments is no easy task. All too often, countless variables—such as special promotions, holiday sales, changes and spikes in customer demand—make effective inventory replenishment a serious, if not impossible effort.

Designed to address this very challenge in fast-moving consumer goods and food retail, NCR Power DAX software solution optimizes both ordering and inventory replenishment.

Its powerful and precise forecasting, inventory management, ordering and analytics functionality—coupled with multi-echelon replenishment and perishable item management capabilities—help retailers better understand demand and more accurately manage replenishment orders throughout the supply chain.

NCR Power DAX ultimately helps advance retailers from “push” to “pull” inventory strategy, providing enhanced efficiency and more reliable replenishment processes across every echelon of the entire retail chain.

- Clear and measurable ROI High profitability via minimized out-of stocks, spoilage and perishable shrink
- Increased inventory visibility
- Optimized store-level execution and performance, improved business performance and enhanced shopper experience

For more information,  
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# Why NCR?

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 485 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier.

NCR is headquartered in Duluth, Georgia with approximately 29,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries.

## A Close Look at Demand-Driven Replenishment

### Precision Demand Forecasting

Forecasting functionality accurately predicts demand based on sophisticated algorithms, data validation and data cleansing. The robust forecasting engine accounts for promotions, seasonality, trends, special events, end caps, new items, markdowns, item/SKU relations and out-of-stocks. It also promotes overall supply chain visibility by providing all units of all levels with long-term store demand forecasting.

### Intelligent Fresh and Perishable Item Handling

Featuring a custom logic designed to accommodate fresh and perishable item expiration, as a means of reducing potential out-of-stocks. The solution provides retailers with total inventory visibility, as well as with full shelf life awareness, allowing them to optimize availability, minimize spoilage and significantly reduce costly disposal. For even further business efficiency and profitability, NCR Power DAX supports expiration-based markdown, prompting retailers to launch promotions as products near the end of their useful shelf life.

### Multi-echelon Replenishment

NCR Power DAX enables full synchronization across stores and distribution centers with a unified demand-driven forecast to deliver multi-echelon inventory optimization, and assures that stock is replenished proactively, based on actual shopper demand. By supporting complex supply chains and optimizing enterprise-wide forecasting, retailers can quickly and easily adjust replenishment to respond to changes in consumer demand. This means retailers can reduce their overall inventory levels while maximizing customer service.

### Ordering Optimization

This solution provides powerful order optimization, with support for numerous cost attributes, including inventory holding, out-of-stock, spoilage, storage and fixed order costs. There are dedicated algorithms that streamline both fast-moving and slow-moving items, along with perishables with a short shelf life. Orders take into considerations forward buy discounts, store order workflows, delivery schedules, replenishment parameters and item allocations.

## Product Highlights

- **Automated forecasting and replenishment**—fully automated replenishment processes that help address every possible inventory scenario across the entire retail chain
- **Centralized inventory management with an eye for detail**—centralized order management that keeps stores, warehouses and distribution centers in full sync
- **Innovative and user-friendly**— all functionality delivered via web-based graphical user interfaces, with clear and coherent workflows that assure high efficiency and accuracy
- **Seamless integration with NCR Inventory Manager**— a centrally-managed solution enabling high business agility through increased IT visibility; supports parallel inventory counts and financial valuation processes

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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