

# Plantensive Helps DIY Hardware Retailer Migrate from JDA E3 to the Next Generation Supply Chain Solution on the Plantensive Cloud

## Challenge

This DIY Hardware Retailer is one of the industry's largest hardware cooperatives, with annual revenues of \$3 Billion and boasting some 3,800 member-owned stores in 50-plus countries, primarily the US. Besides the usual tools and building materials, merchandise includes automotive items, bicycles, camping gear, housewares, office supplies, and small appliances.

Customers also can have any of its 67,000 product portfolio (both domestically sourced and imported) offering specially shipped to their local stores through their e-commerce site or via store delivery. The co-op's buying power enables member stores to offer items at competitive prices.

Our client had been a long-term user of JDA E3 (Advanced Warehouse Replenishment) and it had outgrown the system's capabilities given the complexity of new supply chain marketplace dynamics. They needed a modern suite of applications that would provide more robust capability and scalability. Additionally, the client analyzed on-prem versus cloud infrastructure and perpetual versus SaaS licensing options.

## Our Solution

Plantensive led the transformation initiative to implement Blue Yonder's (JDA) Demand, Demand 360, Demand Classification, Fulfillment, Order Optimization, Slow Mover Forecasting, and Replenishment Interval Optimization solution across its 2000 vendor, 12 Distribution Centers. Given the significant leap in technology, Plantensive engaged with the management team to define new forecasting, inventory planning and order planning processes to enable the transition from E3 to the latest BY technology while leveraging Plantensive's proven retail supply and demand chain process guidance.

Plantensive also worked with IT to define interface requirements, data mapping, integration unit testing and systems integration testing to enable a new planning process that is more dynamic and responsive given the significant pressures of an omni-channel marketplace. It was determined that the client was best served by maintaining a perpetual license, and that Plantensive would provide IaaS via their Plantensive infrastructure as a Service powered by AWS. Plantensive led all change management and end user training to ensure adoption and retention of new processes.

## Our Results

There were many benefits realized which included improvement in forecast accuracy, increasing inventory turns, reducing inventory mark downs, optimizing procurement buys while balancing against service level objectives and using a "manage by exception" planning process.

Solutions:

- Strategic consulting and SC process alignment
- Full-service Blue Yonder implementation
- Infrastructure as a Service (IaaS) powered by AWS
- Education and Training Services

Overall, the lasting impact of the project increased our client's supply chain maturity by successfully moving them to the next generation retail supply chain solution on Plantensive's Cloud.

## About Plantensive

Plantensive, a Vaco company, is a supply chain, retail planning, and category management solutions provider to many of the world's leading companies across the CPG, distribution, manufacturing, and retail industries. We provide end to end supply chain solutions and proven tools to accelerate value. Plantensive's global supply chain services meet you wherever you are in your journey - from your suppliers to your customers.

## Results Highlight



**Improved forecast accuracy**



**Increased fill rates while keeping inventory levels the same**



**Reduced false signal buys**



**Drove towards "Manage by Exception" Planning Processes**



**Leveraged Plantensive Cloud to drive agility**