



Buy Anything, Get Anywhere 4.0 (BAGA)

THE ANYWHERE TO EVERYWHERE SUPPLY CHAIN



Real-time Decision Support

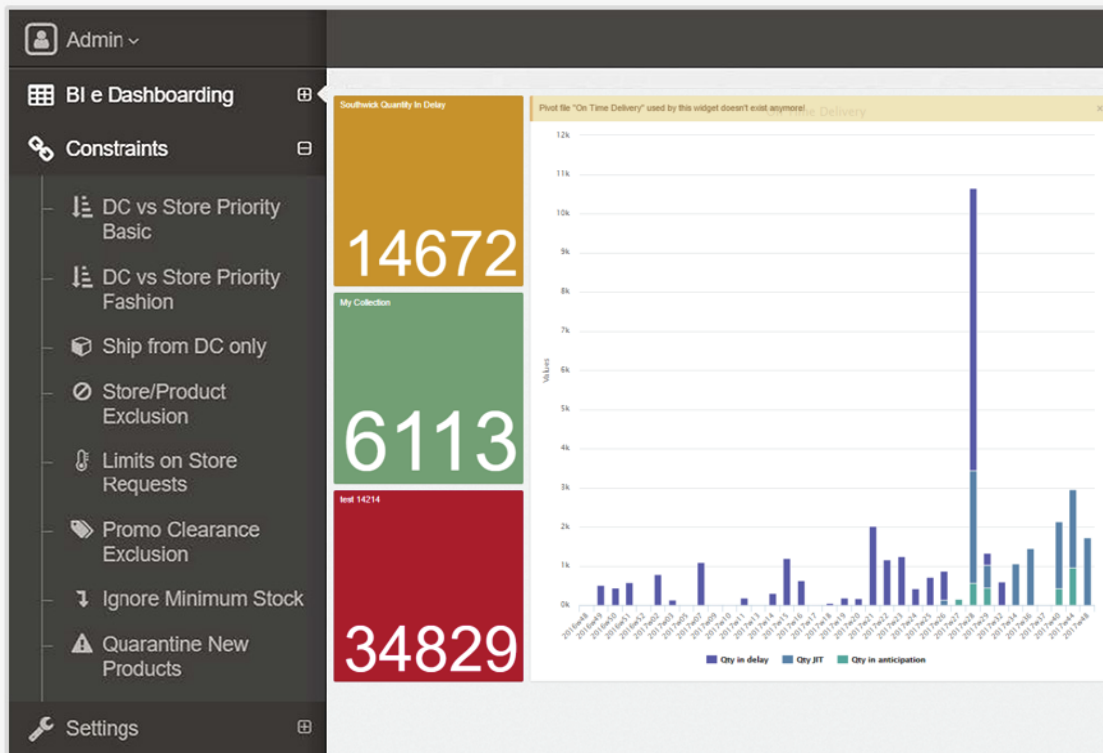


Maximize Margins



Increase Customer Loyalty

Mobile phones, social streaming, and an always-on shopper profile have changed the way retailers are required to meet customer gratification today. With leading online commerce platforms experimenting with drone delivery and same-day fulfillment, brick-and-mortar organizations are challenged to keep up with the trend or lose out on business as well as customer loyalty.



Not just retail, even healthcare services organizations like pharmacies are exploring a direct-to-home fulfillment process—all leading to a fresh look at their supply chains.

ORS Buy Anywhere, Get Anywhere 4.0 (BAGA) is a revolutionary solution to help retailers create an omni-channel fulfillment process and engage with customers at any intersection.

BAGA 4.0 combines enterprise big-data and smart algorithms to deliver the omni-channel customer experience while reducing costs and maximizing profitability.

By enabling BAGA 4.0, retailers can automate an order fulfillment, while ensuring the inventory required is synchronized across various locations, and the net profit on the sale is maximized. BAGA uses a complex non-linear optimization function unique to every single SKU requested by customers. The algorithms solving the model are executed in a scalable software environment, ensuring REAL-TIME response.

When a customer does not find a specific product online or in store, the best way to keep them engaged is to offer a home delivery from an alternate location (closest store or Distribution Center).

BAGA 4.0 offers the following capabilities:

1

Custom constraints

Using an intuitive interface, business managers can easily setup various constraints including:



Distribution Center versus Store priority: business managers can set the fulfillment for a certain requesting store to a Distribution Center, and the most convenient DC will be chosen even if picking from another store in the network would be more convenient. This might be necessary to accelerate clearing the DC's stock before new collections come in.



Quarantine of new products: business managers can exclude new products for a certain period of time to observe the new products sales trends



Stores to be excluded: stores with high sales volume and product volatility may be excluded a store from the fulfillment network

When a “BAGA” request is received, the algorithm checks for the constraints, and a list of eligible locations is created. It also checks for locations that do not hold sufficient stock, and excludes them from the list. Finally, the most convenient location is selected based on the net profitability. Regardless of the number of business constraints, BAGA will always find the optimum solution in REAL-TIME.

2

Modular BI Dashboard

The BAGA 4.0 dashboard is designed to offer business-driven insights: pivot graphs, counters, grids, and alerts can be added on the fly to the visualization panel. Furthermore, users can customize KPIs by changing metrics, and create multi-dimensional data structures with zero latency.

3

Smart sales forecast engine

BAGA 4.0 uses a sales forecast engine to predict the expected daily sales. The engine analyzes historical operations log at a very high granularity: store, class and type, location, and so on. The forecast engine adapts to different contexts in real-time: if, for example, new predictions are significantly higher (or lower) than previous season results, all the predictions are reduced (or respectively increased). The engine relies on our proprietary Big Data Analytics optimization platform that automatically adapts its forecasting methods based on changing real-time business metrics using a portfolio of sophisticated scientific methodologies.