

# Blue Yonder's Fulfillment Resource Forecasting

Purpose-Built Omni-channel  
Planning Microservices

## Finally, Fulfillment Forecasting Built for Omni-Channel Business

Retailers are expanding the reach of their business with omni-channel order and delivery options. With more order collection and delivery options from store, businesses need to optimize in-store fulfillment operations and enable stores to scale their store fulfillment capabilities across their networks. Traditional planning and execution software were not designed for these new business models.

## Translate Your Forecast Into Labor and Resource Needs

Blue Yonder's Fulfillment Resource Forecasting is a first of its kind, a cloud-native microservice built on Luminate Platform that translates forecasts into labor and hard assets required for in-store operation. Now, retailers can define their primary needs for the execution of in-store omni-channel order fulfillment.

Including:

Labor

Totes

Bags

Scanners

Labels

## Benefits

- Predict unconstrained customer demand
- Place resources optimally across your commerce ecosystem

## Extend Forecasting Beyond Your WMS and Meet Store Needs

Your WMS generates a pick forecast based on order forecasts for a DC, but it doesn't do that for your store fulfillment needs. Blue Yonder's Fulfillment Resource Forecasting works with existing forecasting tools or as a stand-alone solution. An intuitive and straightforward UI allows users to define their drivers and conversions and **convert expectations into assets across the forecast horizon.**

For example – a standard grocery order takes fifty (50) minutes, one (1) trolley, one (1) scanner, and four (4) totes to pick and pack. The tool consumes the order forecast at a specific time and location, and using the standards set by the operator, converts the order into its resources. The resources are then aggregated to the day and sent to the workforce management, planning and execution tools.

### Features



**Native integration**  
out-of-the-box adapters to Blue Yonder's Fulfillment Order Forecasting and Workforce Management

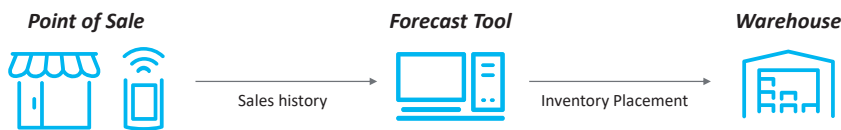


**Intuitive and extendible UI**  
retail users can build their own execution drivers to convert forecasts into hard assets

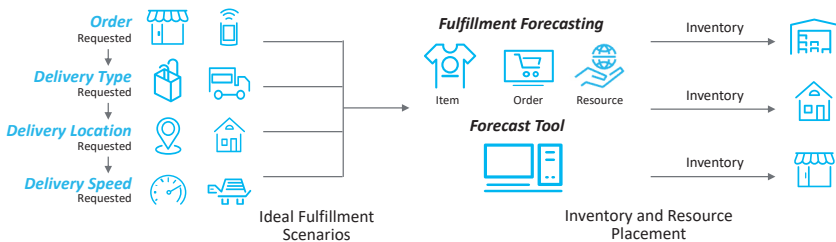


**Built-in labor conversion**  
out-of-the-box labor calculation to convert demand into hourly labor forecasts for scheduling tools

#### Traditional planning tools forecast where and when consumers buy



#### Fulfillment Forecasting plan where, when and how the consumers want to get the product



### Achieve Commerce Excellence:

- Reduce overtime up to 15%
- Superior efficacy in periods of changing demands
- Improve customer service
- Improve order on-time fill rates
- Quickly capture demand trends for new stores

Optimize your fulfillment and labor forecasting so you can define the resources needed to guarantee perfect availability and forecast their consumption over time.

[blueyonder.com](https://blueyonder.com)

