

Luminate Planning

Collaborative Demand Management

Easily aggregate, disaggregate and visualize multiple levels of demand supporting a streamlined collaborative demand management process

Business context

As omnichannel pressures, disruption, and new sources of competition proliferate, planning data and related attributes are growing rapidly and becoming much more complex. Yet response expectations continue to shorten.

This growing demand volatility and increasing supply chain complexity make it more challenging for companies to predict multichannel customer demand with sufficient accuracy and speed. It is more critical than ever to view and analyze planning data streams at an aggregate level, and collaborate more effectively, in order to gain forward visibility into demand spikes or reductions while improving forecast accuracy and planner productivity.

Demand Worksheet				Scenario: Live Search [0001 Forecast - DDU (0)] [0001 Forecast - DDU (0)]							
DmdMkt	DmdGroup	Loc	Time	5/9/16	5/16/16	5/23/16	5/30/16	6/6/16	6/13/16	6/20/16	6/27/16
ITEM1001	ALL	EDC	Total Forecast...	25,902.00	80,500.00	3,000.00	500.00	102.00	0.00	0.00	0.00
			DPUEFFPrice	10.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
	WDC	Total Forecast...	4,000.00	4,900.00	2,920.00	2,600.00	61.18	54.86	54.86	54.86	
		DPUEFFPrice	10.00	20.00	30.00	10.00	12.00	13.00	11.00	90.00	
ITEM1002	ALL	EDC	Total Forecast...	22.00	3,000.00	3,100.00	2,700.00	63.29	65.40	56.96	59.07
			DPUEFFPrice	0.50	89.00	71.00	90.00	54.00	0.00	76.00	65.00
	WDC	Total Forecast...	2,700.00	3,100.00	2,900.00	2,700.00	63.29	59.07	56.96	56.96	
		DPUEFFPrice	61.00	89.00	90.00	98.00	1.00	1.00	76.00	76.00	

Real results

Increase forecast accuracy

10-20%

Reduced inventory

5-10%

Improve planner productivity

15-30%

Key features

- Unified view of demand**
 Integrates any numeric data stream with access controls for security. Get immediate visibility to changes across the hierarchy
- In-memory data management and visualizations**
 Leverages new high speed in-memory architecture to manage data at the speed of the market, with quick slicing/dicing to view data in multiple facets

The Blue Yonder solution

Blue Yonder Demand 360 adds significant statistical intelligence to the forecasting process, while reducing process time and database management through an integrated in-memory engine, optimal parameter settings, and by using the best algorithm for a given situation.

It provides the ability to view data at multiple levels simultaneously, as well as related computations and database measures within a single spreadsheet. It simplifies hierarchy-based data aggregation/disaggregation at multiple levels, with the ability to edit data and see the impact across the hierarchies instantly. Data disaggregation is just as easy, with user-configurable disaggregation includes custom disaggregation logic.

Demand 360 is an important part of Blue Yonder's Luminate™ Planning solution suite, an end-to-end planning platform that integrates machine learning-based pervasive intelligence through an autonomous planning network delivered in a SaaS environment on Microsoft Azure. Demand 360 helps improve scalability, enhance flexibility, avoid redundant reports, and increase planner productivity helping to improve customer service without adding inventory or safety stock.

Capability details

- **Demand Data Aggregation and Disaggregation**
Simplifies multilevel planning data aggregation, allowing users to easily analyze planning data streams from multiple sources. Also allows dynamic disaggregation with state of the art in-memory technology, maximizing visibility to multiple planning levels and simplifying the process of making top-down, middle-out, and bottom-up adjustments.
- **Collaboration and Consensus**
Provides Marketing, Sales, Vendors and others with visibility and input into the Demand Plan, helping to reduce excess and obsolete inventory. It facilitates more informed decisions through insights into potential benefits.
- **Demand Classification**
Automatically classifies products into defined groups, based on the statistical analysis of their historical data.
- **Greater Planner Productivity**
Liberates and empowers your workforce to focus on strategic planning while delivering a superior customer experience with far fewer manual overrides.
- **Part of Luminate Planning**
Luminate Planning is an end-to-end SaaS based, AI, ML driven planning solution built from the ground up leveraging the power of the Luminate Platform and MS Azure for faster time to value.

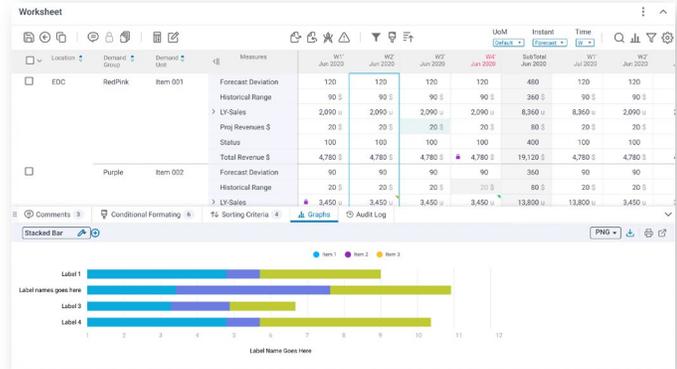
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Offline edit and import capabilities

Easily integrate data from multiple sources for greater visibility and collaboration, including the ability to aggregate SKU-based information

Key benefits

- Improved productivity with a highly automated forecasting process
- Improved customer service at lower cost through reduced inventory and safety stock
- Better, more comprehensive reporting capability with fewer redundant reports
- Streamlined consensus forecasting process, with better collaboration leading to less waste, optimized labor, and improved sustainability



Digital transformation is at your fingertips

To learn more, visit blueyonder.com