

OpsVeda for Food and Beverage

Real-time farm to consumer optimization & traceability

When it comes to room for errors, food and beverage companies have none. Power of large retail & restaurant chains, fill-rate and timeliness linked penalties, short shelf life, fluctuating demand, shift to healthful products, increasing number of packaging variants, unpredictable availability of input material, and stringent regulations - all of it make a lethal mix that can test even the most robust supply chain.

Given this environment, it is not surprising that F&B companies have two conflicting objectives from their supply chain - improve service levels while containing costs. On the face of it, this is an ideal case for a demand-driven supply chain. But the marketplace for F&B products is complex. The rise of convenience & discount stores, e-tailers and specialist outlets (e.g. organic products) has made lean execution very complex. To make matters worse, the marketplace complexity is increasing by the day.

With Internet-of-Things (IoT), most constituents of the F&B supply chain generate more data than ever. OpsVeda enables a lean supply chain by acquiring data from the extended enterprise in real-time, and assessing the impact of each event on up/down-stream processes. It replaces reports that detail what happened yesterday, with **real-time** actionable prescriptions that enable decisions to improve results tomorrow. This helps recapture of a portion of the typical 10-20% revenues and margins left on the table due to out-of-stocks, excess inventory and related penalties. Through instant visibility across the supply chain it also helps F&B companies comply with applicable regulations.

Monitor | Control | Optimize



BENEFITS

Increase Revenue

- ⇒ Produce & distribute to demand
- ⇒ Replenish optimally on-time
- ⇒ Run timely promotions

Reduce Costs

- ⇒ Optimize inventory levels
- ⇒ Product track & trace
- ⇒ Reduce SLA linked penalties
- ⇒ Reduce LTL shipments

Improve Service Level

- ⇒ Production tracking and downstream adjustments
- ⇒ Smart fill-rate management
- ⇒ Smart inventory allocation

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Supplier Management

- ◆ Early alerts on delays based on Trends, Acknowledgements, ASN & GR Postings
- ◆ Supplier delay impact forecasting on Manufacturing & Sales
- ◆ Lot monitoring for easy recall of finished products
- ◆ Vendor timeliness, fill-rate and quality management

Inbound Shipments

- ◆ Real-time monitoring of shipment conditions (sensor data)
- ◆ Alerts based on deviation from route plan, weather reports etc.
- ◆ Carrier and route performance analysis

Manufacturing

- ◆ Procurement and production to demand plan and POS signals
- ◆ Real-time assessment of short or excess production, and WIP inventory
- ◆ Monitoring of production schedule and costs
- ◆ Complete Batch Genealogy with up & down stream track & trace
- ◆ Equipment maintenance & repair performance

Sales Operations & Outbound Shipments

- ◆ Real-time monitoring of *available to promise/ship* inventory positions
- ◆ Order allocations to achieve most optimal regional coverage
- ◆ Carrier and route performance analysis
- ◆ Managing order sizes and combinations for cost-effective transportation

Customer Management - Retailer/Restaurant/Catering Companies

- ◆ On-shelf availability and sell-through rate related alerts
- ◆ *Time on shelf* analysis and retail inventory optimization
- ◆ Promotion alerts based on stock ageing and expiration dates
- ◆ Instant track & trace for identification of recalled lots/ units and their locations

Out-of-the-box Industry Content | Business Authored Rules | Reconfigurable Storyboards | Powerful Visualization | Quick Search | In-Context Collaboration

OpsVeda is an enterprise software company focused on providing operational intelligence and real-time analytics solutions. It enables real-time predictive visibility into opportunities and risks across execution processes spanning order fulfillment, supply, manufacturing, logistics, channel, and retail operations. OpsVeda customers span the F&B, consumer packaged goods, apparel & footwear, life sciences, industrial machinery and high-tech industries.



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