

OpsVeda for Life Sciences

Real-time Operational Visibility for Agility and Compliance

Many drugs are coming off patent, cost competition from generics is rising, and the R&D pipe-line in the Life Sciences industry has thinned. Perhaps the most challenging business environment for cutting edge Pharma companies. However, many Pharma companies still run their operations on a supply chain designed for an era of high margin, patented drugs.

The Pharma Supply chain consists of suppliers, in-house & contract manufacturing units, distributors, retailers, hospitals and insurers, managed with legacy transaction systems and spreadsheets. But price & cost pressures, along with fluctuating demand, has made agility a pre-requisite for survival. Additionally, counterfeits and increased threat of contamination have made securing the supply chain more critical than ever.

A silver lining in this gloom is the easy availability of data. Thanks to health-records, social networks, genomics, third party manufacturing, and a global market with varied regulations, there is a surge in the data accessible to the industry.

OpsVeda acquires and analyzes the voluminous data from all sections of the Pharma supply chain in real-time, and highlights events that degrade performance or create opportunity. This enables timely action, and thereby improves the agility of the supply chain.

Monitor | Control | Optimize

Consumption

Processes

Data Sources



Real Time Actionable Intelligence
Cloud or On-Premise
Live in < 6 weeks



Process Agnostic Data Store

Powered by **SAP HANA**®



BENEFITS

Increase Revenue

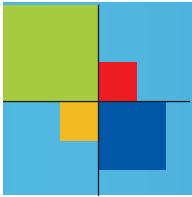
- ⇒ Increase on-time order confirmations
- ⇒ Reduce backlogs
- ⇒ Reduce counterfeits

Reduce Costs

- ⇒ Reduce inventory
- ⇒ Improve shift hand-over
- ⇒ Reduce charge-backs

Improve Compliance

- ⇒ Counterfeit detection
- ⇒ Batch genealogy & real-time tracking
- ⇒ Timely asset maintenance



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Chemical Suppliers

- ◆ Early alerts on delays based on Trends, Acknowledgements, ASN, GR Postings etc.
- ◆ Supplier delay impact analysis - Manufacturing & Sales
- ◆ Batch monitoring for easy recall of finished products
- ◆ Real-time view of all procurement KPIs

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

- ◆ Complete Batch Genealogy with up & down stream traceability
- ◆ Real-time view of Process Health - Yield, Variance, Delays/Shortages etc.
- ◆ Alerts for impact on production orders based on upstream changes
- ◆ Scheduling conflict related alerts based on department specific data sources
- ◆ Equipment usage and availability metrics

Sales Operations & Outbound Shipments

- ◆ Real-time monitoring of available to promise/ship inventory positions
- ◆ Backlog management
- ◆ Samples Management
- ◆ Carrier and route performance analysis



Channel Management

- ◆ Counterfeit detection (Mass serialization/ Pedigree verification)
- ◆ Chargeback management
- ◆ Shelf-life tracking and related alerts based on channel data
- ◆ Excess/ Insufficient inventory analysis based on channel data

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 consumer packaged goods, apparel & footwear, life sciences and high-tech industry.



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