

OpsVeda for Hi-Tech

Because shorter product life-cycles call for greater operational agility

The Hi-Tech industry grapples with tremendous cost pressures, in an environment fueled by continuous innovation. This has led to short product lifecycles, and a geographically spread, complex supply chain to enable responsive and cost effective execution.

On the make side, the Hi-Tech value chain consists of semiconductor vendors, foundries, contract manufacturers and OEMs. The products are taken to market by a web of component and finished goods distributors. Given the technical nature of the products it is common for distributors to influence the design of downstream products/ solutions through initiatives like design and deal registration. These and other specialized demand generation programs like price protection and ship & debit, make managing the complex supply chain even harder.

While competition may be intense, the Hi-Tech industry is also characterized by the extraordinary collaboration between partners. Till now, the data shared by partners has mostly been used for post-fact analysis and planning.

At **OpsVeda**, we leverage this data to improve day-to-day operational agility. Proactive action helps companies recapture a portion of the typical 10-20% of revenues and margins left on the table due to out-of-stocks, missed deliveries and expedites.

OpsVeda analyzes enterprise data in **real-time** and highlights business situations that degrade performance or create opportunity.

Monitor | Control | Optimize



BENEFITS

Increase Revenue

- ⇒ Increase on-time order confirmations
- ⇒ Reduce out-of-stock
- ⇒ Manage design registrations

Reduce Costs

- ⇒ Reduce inventory
- ⇒ Improve plant efficiency
- ⇒ Reduce asset maintenance costs

Improve Service Level

- ⇒ Production tracking and downstream adjustments
- ⇒ Reduce backlogs
- ⇒ Intelligent re-routing

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Semiconductor/ Component Manufacturing

- ◆ Complete Batch Genealogy with up & down stream traceability
- ◆ Real-time view of Process Health - Yield and Variance
- ◆ 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

Component Distribution

- ◆ Real-time monitoring of unconfirmed orders
- ◆ Prescriptive backlog handling through real-time monitoring of demand and supply
- ◆ Real-time exception management for sales operations
- ◆ View of distributor/ OEM inventory, sales and forecast for stock re-allocation decisions
- ◆ Dynamic re-routing based on demand changes



OEM/ Contract Manufacturing

- ◆ Real-time analysis of component availability based on PO acknowledgement, ASN and goods receipt's
- ◆ Real-time monitoring of production order progress vis-à-vis demand
- ◆ Production schedule and cost management

Finished Goods/ Equipment Distribution

- ◆ Real-time monitoring of unconfirmed orders
- ◆ Prescriptive backlog handling through real-time monitoring of production & demand
- ◆ Samples tracking from request to return/ scrap
- ◆ Support for demand generation with design registration and ship-and-debit pricing
- ◆ Channel sales & inventory monitoring for price revision



Resale/ Retail Sales Management

- ◆ Shelf availability management and out-of-stock prevention (Excess/ Insufficient inventory)
- ◆ Demand shift detection
- ◆ Prescriptive inventory re-allocations
- ◆ Inventory monitoring and price-protection management
- ◆ Reverse supply chain monitoring and exception management

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, retail, life sciences and high-tech industries.



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