



Supply Chain Solution



The Challenge: Just-in-Time (JIT) Supply

Decision Inc. has created a Supply Chain analytics solution which optimises supply chain management. We have created a Just-in-Time supply process (JIT) to ensure our clients receive supply as they need it and only in amounts required.

When analysing supply chain we look at manufacturing efficiencies, the procurement process, logistics requirements, stock holding and demand planning. Insights provided from these metrics optimise the entire supply chain and reduce inefficiencies.



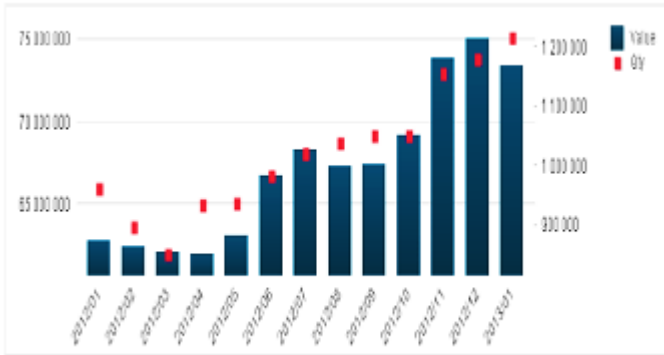
Key Benefits



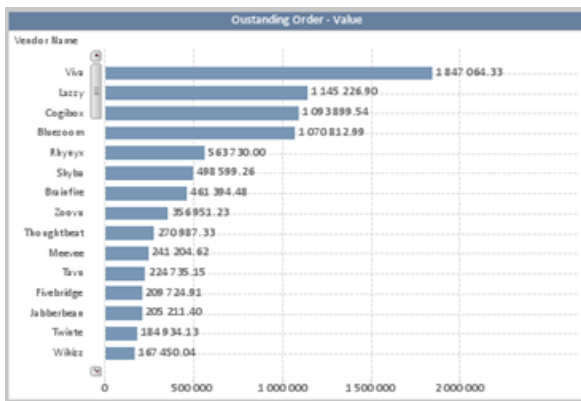
-  **Better demand planning:** Optimised stock holding
-  **Improve supplier relationship:** Easier to stipulate service levels required
-  **Reduce working capital:** Reduced stock holding leads to reduced interest payments on finance
-  **Optimise logistics:** Efficient flow of goods from point of origin to point of consumption
-  **Improve customer service and retention:** Supply of the right product at the right time
-  **Just-in-Time Supply:** More efficient supply process

Dashboards

Value vs. Quantity



Procurement



Key Analytics Metrics

- Effectiveness and Efficiency
- Product and Item Analysis
- Buyer Analysis
- Vendor Analysis
- One time spend Analysis
- Pricing Analysis
- Stock Holding Cost
- Stock Days
- Returns Handling Analysis
- Delivery Lead Time Analysis
- JIT Stock Analysis
- Order Receiving Analysis
- On Time Delivery Analysis
- Profitability and Reporting Analysis

Manufacturing Metrics

- Maintenance Management
- Planned & Unplanned Downtime Analysis

Working Capital - Inventory

Item Category	Value of stock on Hand	Qty On Hand	Qty On Purchase Order	Stock OH + PO	Qty On Stock Order	Stock OH + PO - SO
	R 50 492 791	185 569	516 500	702 069	62 246	639 823
Material processing - Classic pro...	R 20 115 026	103 969	33 433	137 402	39 120	98 283
Material processing - Conveyor ...	R 12 222 576	14 019	9 249	23 267	8 444	14 824
Material processing - Allied Products	R 4 723 085	3 924	629	4 553	599	3 954
Surface protection - Production	R 4 137 301	4 311	44 382	48 693	332	48 361
Material processing - Moulded Pr...	R 3 410 226	19 489	8 470	27 959	7 387	20 572
Press shop consumables	R 2 388 870	2 265	0	2 265	0	2 265