Rethinking supply chain management for a digital age
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Transforming supply chain performance

The digital transformation of today’s supply chains is already upon us. Every business will be affected for better or for worse. Embracing this reality now and adapting to it intelligently through the power of data is the surest way for supply chain leaders to take the first step in the journey.

Enter SupplyVue, a comprehensive analytics solution that brings together all your supply chain data and information flow across your entire network into one cloud-based platform. Designed to monitor and analyse every stage and handover point in the supply chain using the most forward-thinking management practices, SupplyVue enables you to plan and track performance with confidence.

Use it to align your organisation internally, then integrate and collaborate externally with your supply chain partners and customers to create a high-performing, effective and efficient supply chain ecosystem fit for the digital age.

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<th>Approach to SCM</th>
<th>Local</th>
<th>Above market</th>
<th>Holistic</th>
<th>External integration</th>
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<td>Functional optimisation</td>
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<td>Effectiveness and efficiency Demand shaped for supply, fewer exceptions</td>
<td>External integration with customers and suppliers Automated replenishment</td>
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Introducing SupplyVue

SupplyVue is a smart supply chain diagnostic, simulation and planning tool, designed by industry practitioners in conjunction with the world renowned WMG supply chain and cyber security teams. It brings a powerful diagnostic capability to analyse the detailed operating practices in your supply chain. Best Practice diagnostic expertise is built in as standard.

SupplyVue helps the business through the change management process by:
• Revealing where the supply chain is underperforming;
• Diagnosing problems and finding the root cause of issues
• Modelling and simulation so that the business can evaluate and agree the course of action.

SupplyVue has a unique planning methodology which generates planning ‘templates’ that deliver ideal plans for the underlying operations whilst maximising product flow through the supply chain. A holistic, silo busting, approach to supply chain management delivering a demand driven, low inventory supply chain that is both effective and efficient.

SupplyVue is an online supply chain expert in a box that will give you the confidence to transform your business. When you have selected the way you want your supply chain to operate, SupplyVue will adjust the dials and settings in your systems that control the flow of goods and bring that change to life.

Automated Diagnostic

Reporting, Diagnostics and Insights

Executive dashboard – insights and opportunities to improve that are hidden in the detail of the supply chain

Reveal

Comprehensive root cause analysis of supply chain issues to find true causes of failure. Finding causes of variability and uncertainty in the supply chain process flows

Diagnose

Standardised, objective and repeatable data driven supply chain process excellence assessments to drive process improvement.

Assess

Intelligent Design

Scenario Planning, Simulation and Evaluation

Create alternative operating scenarios. Defining replenishment methods and modelling associated inventory buffers for each scenario

Planning template

Simulating the supply chain operation to provide confidence and gain consensus on how the supply chain should be designed and run.

Simulate

Providing the definition of the supply chain operating model and the case for change.

Evaluate and select

Next-generation S&OP

Enrich your S&OP process with analytics – see across functions, geographies, products, markets and brands; segment; roll-up and drill-down for executive level dashboards and insights.

• Full S&OP reporting capability
• Scenario planning and policy setting
• Capacity visibility and management
• Automated process excellence assessment
• Service failure root cause analysis
• Improvement project definition
• Operating model enablement

Synchronised Planning

Automated, process driven supply planning

Demand driven planning following the ideal synchronisation planning template

Supply Planning

Elegant algorithms for solving infeasible plans. Demand smoothing, alternate sources, stock building etc.

Plan solving

Planner and business select the preferred plan for the period.

Select
Examples of the reporting, analysis and modelling capability available in SupplyVue

**Integrated business planning**

Holistic view of key performance indicators
End-to-end overview of the supply chain with multiple filters to view performance within the network.

**Analytics-based S&OP**

Revealing improvement opportunities
Identify the business units/entities with greatest improvement opportunities against KPI’s or by ‘size of the prize’.

**Forecast process assessment**

Automated process assessment
Summary of which parts of the process are operating less efficiently and the likely sources of opportunity improvement.

**Inventory right-sizing**

Targeted service levels
Combining forecast and actual sales data with daily inventory positions in every warehouse to anticipate inventory shortages.

**Demand-driven planning**

Modelling production wheels
Using changeover cost and time and sales volume to calculate replenishment policy scenarios and create a replenishment plan.

**Delivery cost and service analysis**

Efficient use of network
Assess opportunities for network efficiency improvement by identifying under-utilised assets and inefficient routes.
SupplyVue in practice

Creating a stable plan by applying production wheel planning methodology

Challenge
Despite having relatively predictable demand and high inventories, this industrial manufacturer still suffered shortages of items and had to change production plans and schedules constantly in order to maintain service levels. Operating costs were unnecessarily high and the day-to-day running of the supply chain was absorbing a disproportionate amount of management time due to fire-fighting.

Solution
SupplyVue reviewed the production sequence using the line changeover matrix and demand plan, identifying the lowest cost manufacturing sequence. Using this ideal sequence, SupplyVue used production wheel methodology to create a 16-week production plan. Scenarios were generated showing the trade-offs between manufacturing cost and inventory levels, and between levelling capacity and inventory levels, enabling the management team to decide on the production policies that most aligned to their business objectives.

Business impact
- 25% reduction in changeover time through optimised production wheel
- Levelled demand to prevent overtime and variable shift patterns
- Cut inventory levels through reduced cycle times and increased conformance to plan

Right-sizing inventory levels for a international retailer

Challenge
This international retailer was struggling with high levels of inventory in stores and central depots, but in the wrong mix for the rate of sales. Its inability to coordinate the flow of goods from long lead time suppliers to stores was causing repeated air-freighting to cover shortages. Yet working capital was above target.

Solution
SupplyVue reviewed the demand profiles in stores and at an aggregated level in central depots. At store-level granularity, the demand was too sporadic to be forecast, however, at the central depot-level, the product flow was sufficient to determine reliable flow-based forecast. SupplyVue demonstrated that a switch to a Kanban pull mechanism from the central depots to stores, coupled with a demand-driven replenishment mechanism from central depot to supplier, would transform inventory levels and eliminate the need to air-freight to cover product shortages.

Business impact
- 25% reduction in overall inventory levels
- Levelled demand to create a predictable and stable demand signal onto suppliers
- Eliminated air-freight costs caused by product shortages
The time is now

The supply chains of tomorrow will be characterised by higher product flow, better customer service and lower overall supply chain costs. Getting ahead of your competitors and taking your supply chain digital is not only feasible; it’s fundamental.

Find out more in our white paper: Synchronise for success: rethinking supply chain management for the digital age

Available to download here: https://www.concentra.co.uk/supplyvue-synchronise-success

Request a demo

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