

Ventyx Ellipse Supply Chain Management



Ventyx collaborative procurement strategies extend purchasing and inventory management beyond the enterprise to create a seamless value chain, allowing organizations and their trading partners to work as one.

The Challenge

Every dimension of business today demands greater efficiency, speed, and agility. Market pressures are forcing asset-intensive organizations toward a demand-driven business model in which success is based on the ability to anticipate customer requirements and respond with high quality, value-added products faster than the competition.

Most asset-intensive organizations rely heavily on maximizing working capital. Optimizing demand, inventory levels, contracts and purchasing agreements can all contribute to major savings across the organization, directly impacting the bottom line.

To thrive, these organizations have little choice but to innovate in core business processes so that the right products are produced for the right customers at the right time.

The Solution

In an age of intense competition, supply chain efficiency and adaptability are not just desirable - they are essential for success.

Ventyx Ellipse Supply Chain Management provides this efficiency and adaptability. It offers a user-definable framework of parameters to establish and maintain inventory and procurement policies, automate the replenishment process, and improve warehouse and supplier management.

Ventyx collaborative procurement strategies extend purchasing and inventory management beyond the enterprise to create a seamless value chain, allowing organizations and their trading partners to work as one. In essence, Ventyx Ellipse Supply Chain Management provides asset-intensive organizations with the tools and capability to manage and automate all the business processes that are used in the purchase to pay function.

Some key features of the solution include:

- Comprehensive identification and description of individual material items, which saves time and effort when identifying requirements.
- Flexible methods for management of items held within inventory, including management of items to be ordered on an 'as required' basis or held as consignment stock. This contributes to more efficient and cost-effective inventory management.
- Accounting and control of all items held as inventory, including provision for multiple warehouses and locations for each stock item, to ensure the most efficient and cost-effective service.
- Identification of parts required for maintenance or making up a particular piece of equipment, as the basis for subsequent requisitioning and inventory control processes.
- Mechanism to place limits over requisitioning activity in terms of quantity requisitioned, or value requisitioned, within a specified period.
- Comprehensive facilities for management of supplier and customer information, including statistical tracking.

- Management of the receipt of goods at locations other than the final destination and dispatch and transport of these goods to the final destination.
- Recording and control of over-supplies, under-supplies and damages either upon receipt of purchase orders or on inspection of stock items, along with provision for return of goods to supplier where necessary.
- Fully integrated with Ventyx Ellipse accounts payable and receivable processes to ensure that correct amounts are always paid.

The Benefits

Ventyx Ellipse Supply Chain Management provides:

- A more efficient supply chain that reduces inventory carrying costs.
- Increased revenues attributed to improved in-stock performance and enhanced abilities to increase customer satisfaction.
- Improved asset utilization.
- Reduced order cycle times.
- Enhanced revenue opportunities to create a responsive, efficient, adaptive supply chain network.

With a focus on partnership and collaboration, our global community of customers is supported by a team of over 1,100 professionals deployed throughout 18 offices around the world.

- Negotiation and administration of advance arrangements for purchase of goods and services in order to save time and money and ensure supplier performance to agreed service levels.
- Costing of material and service provision to work orders, equipment and projects as appropriate to provide visibility and reporting as required.

Ventyx Ellipse Supply Chain Management integrates to Ventyx e-business offerings, such as Ventyx Axis and Ventyx LinkOne, to provide seamless sourcing of goods and services required by the organization.



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Ventyx, an ABB company, is the world's leading supplier of enterprise software and services for essential industries such as energy, mining, public infrastructure and transportation. Ventyx solutions bridge the gap between information technologies (IT) and operational technologies (OT), enabling clients to make faster, better-informed decisions in both daily operations and long-term planning strategies.

Some of the world's largest private and public enterprises rely on Ventyx solutions to minimize risk, enhance operational and financial performance, and execute the right strategies for the future.

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