

VENTYX  TM
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Ventyx Critical
Inventory Optimization



Ventyx Critical Inventory Optimization

Reducing inventory costs. Increasing availability.

The VCIO solution maintains optimal inventory levels while preventing stock-outs of critical parts, helping organizations save millions of dollars in working capital.

The Challenge

Asset intensive businesses are heavily reliant on production equipment. The need to repair or replace this equipment can come about very quickly – and without much warning. Many organizations maintain large and expensive inventories, with much of the equipment held in case it is suddenly needed for repairs.

Financially, an organization is best to minimize inventory holdings to a level that still enables it to maintain the required level of productive capacity.

However, doing this without affecting maintenance and production can be difficult. Often, a lack of information about how to improve performance drives up inventory levels so maintenance can be completed in a timely fashion.

Enterprise Resource Planning (ERP) and Enterprise Asset Management (EAM) systems gather huge amounts of data on inventory holdings and usage. Dispersed throughout this data is information that has the potential to help organizations better understand and manage their business.

To improve performance, an organization needs to be able to identify and analyze key data. Standard reporting solutions do not go far enough – they simply regurgitate and summarize raw data.

Instead, an organization needs a set of intelligent tools that can perform an array of complex analytical processes. Tools that can recommend and, where appropriate, automatically implement changes to business processes to achieve optimal performance across the many variables that make up overall business performance.

The Solution

Ventyx Critical Inventory Optimization is a suite of specialist software tools that leverage existing data to drive enhanced enterprise performance. The solution automatically identifies and analyzes key data to assess the impact on varying the stock levels of every item. Once this assessment is complete, adequate stock levels, lead times and critical items can be determined, giving businesses a better indication of what they need and when.

Ventyx Critical Inventory Optimization is a powerful, customizable and proven solution that provides maximum flexibility.

The solution, which can integrate and operate with any ERP/EAM, includes:

Statistical Inventory Analysis

Maximizes availability of plant and equipment and frees up working capital by ensuring that stocking levels of both production critical and non-critical items are maintained at the optimal levels needed for day-to-day operation.

Vendor Scorecarding

Ranks and reviews vendors so that good performance can be rewarded, discrepancies tracked and reported on, and poor performance managed.

Warehouse Scorecarding

Produces tailored performance scores based on measurement of KPIs of the warehouse(s) and identifies areas of improvement.

Cataloging

Improves efficiency in cataloging new items, improves catalog accuracy and provides workflow management that includes all stakeholders.



The Benefits

Ventyx Critical Inventory Optimization provides visibility into how the calculations are made and the ability to change calculations to match specific requirements. The solution automatically fine tunes and re-tunes performance on a continual basis to ensure that maximum performance is sustained at all times.

Benefits include:

- Improved availability and reduced stock-outs of critical items.
- Reduced working capital tied-up in inventory.
- Improved vendor performance.
- Increased efficiency and effectiveness of cataloging, resulting in consistent catalog descriptions and classifications and the removal of duplicate holdings.
- Improved productivity in the supply function.

The simple yet sophisticated architecture enables the solution to be interfaced simply and seamlessly with any existing ERP/EAM(s) and implemented quickly for rapid and quantifiable return on investment.

Ventyx Critical Inventory Optimization aligns the interests of maintenance and supply to achieve inventory levels that meet the productivity demands of the organization without holding excess inventory, while also enabling supply to measure and optimize cataloging, warehousing and vendor management.



About Ventyx

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. .

To learn more about Ventyx visit www.ventyx.com or contact a Ventyx sales representative today.