



VENTYX ™
AN ABB COMPANY

Ventyx Defense
Leading Enterprise Asset Management
Solutions for the Defense Industry

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Leading Enterprise Asset Management Solutions
for the Defense Industry

Ventyx helps defense organizations meet the security challenges of the 21st century with its world-leading, tri-service solution. Designed for and by the military, the Ventyx Defense solution enhances logistics capability across an entire operation.

The Industry Challenges

Understanding global trends driving the defense industry

The global security environment is more challenging than it has ever been. Governments have increased defense spending in the face of an escalation in both the spectrum and number of conflicts. In this environment, defense organizations must be ready to respond to expected and unforeseen threats. The key driver for these organizations is capability. Defense organizations require logistics capability across their entire operations – from military functions and systems through to resources and the sustainability of the supporting infrastructures. They need an integrated logistics picture fusing the supply, maintenance, human resources, and finance functions, in all operating environments – sea, land and air. Integration improves combat force capability through increased logistical visibility and equipment availability, rapid access to inventory and efficient use of appropriately trained personnel. Defense forces are increasingly working in coalition with domestic and foreign military and civil organizations, which have different systems, processes and skills. The effectiveness of their collaboration depends on their ability to share information.

The Solution

Enhancing defense capability with an integrated tri-service solution

Ventyx helps defense organizations meet the security challenges of the 21st century with its world-leading tri-service defense industry solution. Designed for and by the military, the Ventyx Defense solution enhances capability in a number of ways. It ensures optimal sustainability across the full spectrum of conflict and supports defense organizations in all stages of readiness. It is fully deployable, offering multi-tier store-and-forward capabilities. The Ventyx Defense solution increases combat capability by fusing variables including personnel, equipment, facilities, training and funding.

The Ventyx Defense solution enables military and defense organizations to:

- Better manage assets
- Support deployed operations
- Improve supply chains.
- Manage integrated logistics support functions
- Improve maintenance to fully utilize assets
- Reduce training overheads
- Lower ownership costs
- Outsource IT services
- Provide decision-support capabilities
- Provide broader integration in a Service Oriented Architecture (SOA)

The Benefits

The Ventyx Defense solution provides:

Tri-service capability (Army, Navy and Air Force)

We support the Army, Navy and Air Force in Australia and Canada and single service clients in other countries. Our core system is easily configured to suit the needs of each service and has rich functionality not limited to:

- Deployability—is being used in the field and theaters of operation which have no dedicated communications facilities.
- Mobility—communicates with key information systems from remote locations.
- Condition monitoring—assesses the state of equipment and makes recommendations.
- In-transit visibility—tracks personnel and property across military operations.

Complete operational support for different organizational levels

- Most defense software is transactional, catering only to day-to-day operations including procurement, warehousing, and stocktaking. The Ventyx Defense solution does this and more. We provide solutions for all levels of a defense organization from operational units through to industrial infrastructure and support systems and senior strategists. We understand the importance of data integrity and process compliance.



Active deployments

- The Ventyx Defense solution continues to support Australian and Canadian Forces in operations. The solution has been procured by the Chilean Navy, Royal Brunei Armed Forces, Botswana Defense Force, Britain's Royal Navy (Faslane Nuclear Submarine Base), Lockheed Martin (supplier to the US Coast Guard), CAT Logistics (supplier to HTSI NAVSUP) and Kwajalein Range Systems (Lockheed Martin/Bechtel Joint Venture supplier to the US Army Space and Missile Defense Command).

Additional benefits

- The Ventyx Defense solution is user friendly and may be delivered via the Internet or hand-held devices like personal digital assistants, to improve ease of use.
- Reduces customization, lowers through-life support costs and enhances interoperability, because it has been designed as a global template for the defense industry.
- Leverages off Ventyx's large commercial customer base in asset-intensive industries such as mining, utilities and transportation to achieve best-of-breed status.
- Provides executive and decision-support information for logistics movement.





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.