

## Product Overview

# Asset Suite



Ventyx Asset Suite helps you improve your performance, safety and analysis.

Asset Suite is a complete solution that helps you effectively manage assets and MRO costs to achieve the high level of performance, safety and reliability you need in today's competitive marketplace.

### Asset and Work Management

If an asset is down when you need it running, the negative effects extend throughout and beyond your organization. Aging infrastructures further intensify the challenge of keeping assets in service and operating at peak efficiency.

You need to optimize the performance of your assets, while making sure the right people are at the right place and time, and fully equipped to perform the work. Asset Suite simplifies this task with the ability to:

- Manage database of all assets and uniquely identified components
- Track and manage assets that dynamically change location, owner, and status
- Support predictive maintenance and reliability-centered maintenance programmes
- Leverage mobile and RFID technologies to enable preventive and condition-based maintenance of mobile and dispersed assets
- Enable the creation of designs and estimates for customers and field construction
- Manage the design and implementation of changes in asset configuration
- Assign follow up activities and track their progress
- Maintain a comprehensive service audit history to support Sarbanes-Oxley and other industry regulations
- Provide references to documentation sources including drawing coordinates, document sections, paragraphs, or pages
- Support document indexing, revision control, controlled distribution, user notification, and retrieval
- Capture auditable summaries of work activity and associated labor, materials and miscellaneous costs
- Update / fine tune model work orders based on actual work history

## Materials and Procurement Management

Too many materials (or too few), too many vendors, and too much money tied up in inventory is a heavy burden to carry.

You need a solution that drives supply chain costs and complexity down. This is made easier with the ability to:

Manage warehouse details including row / bins, cycle counts, issuing, and kitting / staging

Provide detailed part traceability from manufacturing to installation point

- Manage uniquely tracked commodities (UTCs) such as tools and mobile equipment
- Factor return-to-stock and repairable items into inventory levels
- Conduct inventory management analysis using flexible tools that promote informed stock decisions
- Leverage the skills of both engineers and buyers in procurement assessments
- Promote paperless processing of purchase orders, quotations, and invoices with electronic data interchange (EDI) functionality
- Track costs and commitments at the project level to avoid budget overruns
- Support e-Commerce processes while ensuring all procurement rules are met and avoiding re-buying material that is already in stock
- Allow pay on receipt processing without the need for hard copy invoices through evaluated receipt settlement
- Establish facility-level security to separate regulated and non-regulated business units according to FERC requirements

## Safety and Compliance Management

Ensuring the safety of your employees and community and maintaining compliance with regulators are top of mind in asset-intensive organizations. Features that minimize human intervention also increase safety, security and compliance, such as the ability to:

- Electronically manage personnel qualifications to maintain proper certification and training
- Automate the integration of material safety data sheets and equipment tag out in work processes

- Include permit requirements and risk assessment functionality in work packages
- Schedule permit expiration reports to run on a regular basis
- Monitor total exposure, including internal and external radiation doses, in nuclear environment

### Work and Asset Management

- Asset Maintenance
- Work Scheduling
- Preventive Maintenance
- Predictive Maintenance
- Emergency Work
- Historical Analysis
- Construction Estimates
- Plant Accounting
- Time Reporting
- Document Management
- Assignment Tracking
- Project Management

### Supply Chain Management

- Inventory Management
- Stocked Material
- Non-Stocked Material
- Consignment Material
- Direct Charge
- Tool Control
- Material Receipt
- Material Replenishment
- Purchasing
- Accounts Payable
- Contract Management
- Invoice Payments

### Operations Management

- Configuration Control
- Operator Rounds
- Narrative Logs
- Limiting Conditions for Operation
- Tagout Procedures
- Personnel Scheduling
- Field Mobile Support
- Equipment Configuration

### Compliance

- Material Safety Data Sheets
- Personnel Qualifications
- Extended Control for Safety and Regulatory Materials
- Asset Engineering Change Control
- Radiological Exposure Control
- Asset Isolation

## Organizational Learning Features

Aging workforces threaten business continuity and access to skilled labor. You need a way to adequately retain and transfer knowledge, and features like the following will expedite the process:

- Intuitive application layout and navigation
- Online help at the field level, page level and system level
- e-Learning toolkit with easily tailorable Web-based training (WBT) templates
- Customizable baseline training materials that can be made facility specific and reflect local work procedures

## Integration Suite

For enterprises that require work by technicians in the field, Integration Suite supports the scheduling and dispatching of asset related tasks using the Service Suite mobile workforce management system. These tasks originate in Asset Suite, with Integration Suite providing a baseline link between the applications that can be deployed quickly and minimizes the total cost of ownership.

## Compose for Asset Suite

Customize Asset Suite to meet the enterprise business requirements using Compose for Asset Suite. Compose enables the easy tailoring of Asset Suite pages with a view to the services and business logic of the enterprise. Using a Graphical User Interface (GUI) with drag & drop and cut & paste capabilities,

Asset Suite pages may be tailored to address specific enterprise business processes. Compose eliminates the need to understand XML schema, and reduces the time and cost to maintain the software application.

## International Support

For enterprises operating in multiple countries, the ability to support various languages and cultures is essential. Capabilities such as the following will ease the assimilation process:

- International currency conversions and history
- Automated extraction, translation, and update of system data
- Powerful translation toolkit
- Single localization repository and glossary that can be exported and translated

## ASSET SUITE AT-A-GLANCE

### Asset & Work

- Optimize asset and fleet life cycles
- Streamline outage and emergency response
- Decrease operating and maintenance costs
- Increase asset utilization
- Improve availability of critical assets
- Reduce risk of downtime and stoppages
- Improve replace/repair decisions
- Contain labor costs
- Improve workforce productivity
- Optimize contractor utilization
- Reduce warranty costs
- Extend equipment life
- Achieve higher quality
- Improve tool management
- Improve OEE, OOE, MTBF, and MTBR

### Parts & Inventory

- Optimize inventory levels
- Reduce inventory carrying costs
- Automate stock replenishment
- Enable lot and batch tracking
- Support bill of materials (BOM) by manufacturer model
- Provide site and enterprise-wide inventory visibility
- Improve component tracking
- Monitor parts trends and usage
- Identify most used or faulty parts
- Eliminate outages due to out-of-stock conditions
- Preserve parts by leveraging warranty repairs
- Enable quick and easy response to recalls

### Purchasing

- Centralize purchasing for multiple sites
- Leverage corporate buying power
- Streamline purchasing process
- Reduce maverick inventory purchases
- Reduce time and cost per purchase order
- Improve vendor management and analysis
- Eliminate unreliable vendors
- Eliminate low quality products
- Improve pricing with purchase agreements
- Reduce time to procure parts
- Improve contract and lease management
- Improve sourcing of emergency spare parts
- Reduce rush charges for emergency orders
- Reduce cost of specialized equipment parts

### Safety & Compliance

- Comply with health and safety requirements
- Comply with environmental regulations
- Comply with financial reporting requirements
- Control, validate, and audit processes
- Provide detailed reports on compliance
- Eliminate/reduce penalties for non-compliance
- Prevent warranty invalidation
- Respond rapidly to changing requirements
- Maintain documents, drawings, procedures
- Reduce number of incidents per month/type
- Reduce lost time incident rate
- Identify percent safety work orders completed



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