Proficy Tracker from Velotic

Increase throughput and accelerate time-to-market in conveyor and assembly manufacturing

Production tracking and order execution management to optimize your manufacturing process and production orders

With installations worldwide, Proficy Tracker from Velotic, part of the Proficy family, is a comprehensive routing, tracking, and order execution management system that helps manufacturers raise productivity and cut costs by monitoring and managing the execution of production orders.

Tracker automates routing and sequencing to accelerate time to market, reduce warranty and recall exposure, and support Lean operations and building right the first time. This proven solution collects genealogy and traceability data for audit trails and regulatory compliance. Other capabilities include WIP inventory control, defect containment, hold management, substitution management, sequence management, broadcast, and more. Additionally, Tracker coordinates across the supply chain to help meet production schedules.

Built on Velotic's widely used CIMPLICITY HMI/SCADA software, Tracker also enables ISA standards-based HMI to speed operator actions. It offers secure-by-design connectivity and certificate management. Configuration is simple with modeling for repeatability and time savings.

Proven in high-value, high-volume, high-variability environments, Tracker provides detailed, continuous information to help you make the best decisions for a competitive advantage.

Outcomes

- Increase throughput with detailed, continuous information to help you make the best decisions
- Enable faster time-to-market with powerful order execution
- Reduce risk including exposure to recalls
- Drive higher productivity and lower costs
- Leverage efficient scheduling and routing of materials
- Improve production performance with the ability to manage and adapt to real-time situations on a production floor
- Achieve Lean manufacturing and build right the first time

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01 Increase throughput and launch new products faster

With Proficy Tracker, each serialized item that moves through your production or packaging process can be tracked. You get the information you need to optimize your manufacturing process while managing inventory levels and locations, scheduling resources, and routing materials much more effectively and automatically.

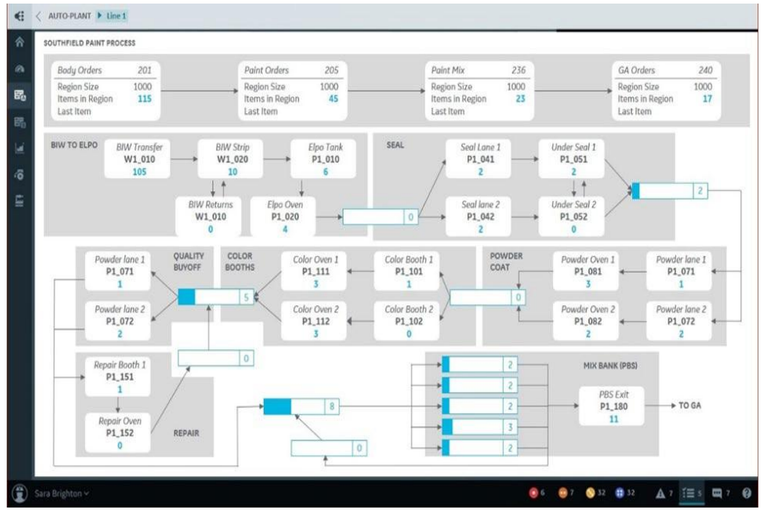
02 Implement Lean production to streamline operations and reduce costs

With Production Tracking & Order Execution Management, Tracker helps manufacturers and suppliers understand real-time sequence requirements and handle situations that occur on the plant floor when the sequence is broken – enabling manufacturers to build right the first time. It helps facilitate a large reduction in WIP inventories along with finished goods inventories while meeting production targets.

03 Improve inventory and production orders with real-time information

Better manage inventory, production orders, and routing materials with detailed data using Tracker. This software solution empowers your operators with real-time information and control of their operations to accommodate a variety of production flow adjustments.

Tracker is ideal for high volume, high variability, and high value operations (for ex. automotive, home appliances, recreational vehicles, computers, etc.)



A global standard for routing and tracking, Tracker accelerates time to market, reduces warranty and recall exposure, decreases costs, and enhances Lean manufacturing

04 Achieve real-time flow management of jobs

Tracker provides the ability to not only track the real-time location of jobs on the production floor, but can be configured to perform routing logic on the movement of jobs throughout the facility. This unique capability allows manufacturers to manage the manufacturing, routing, and delivery of multiple product components into complex product assemblies.

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Features

Recent New Features

- Multi-user development, accelerating configuration, and deployment
- Ad hoc distributed queries
- SQL Always On support for high availability and disaster recovery for SQL Server (with exception of the Tracker Attribute Database functionality)

Proven Production Routing, Tracking, and Order Execution Management

- Routing and tracking
- Order management
- Broadcast
- Sequence management
- Substitution management
- Hold management and defect containment
- Collects data from many automated sensors and readers, including bar codes, RF tags, and mechanical tag systems
- Maintains data for all jobs in the system, including content, status, location, and production counts
- Provides routing control of production orders through the production facility
- Facilitates Build to Order/Build to Sequence
- Ensures building it right the first time
- Enables Lean manufacturing
- Collects genealogy and traceability data for audit trails and regulatory compliance
- Coordinates the supply chain
- WIP inventory control
- Finding critical jobs
- Meeting production schedules
- Manufacturing resource utilization

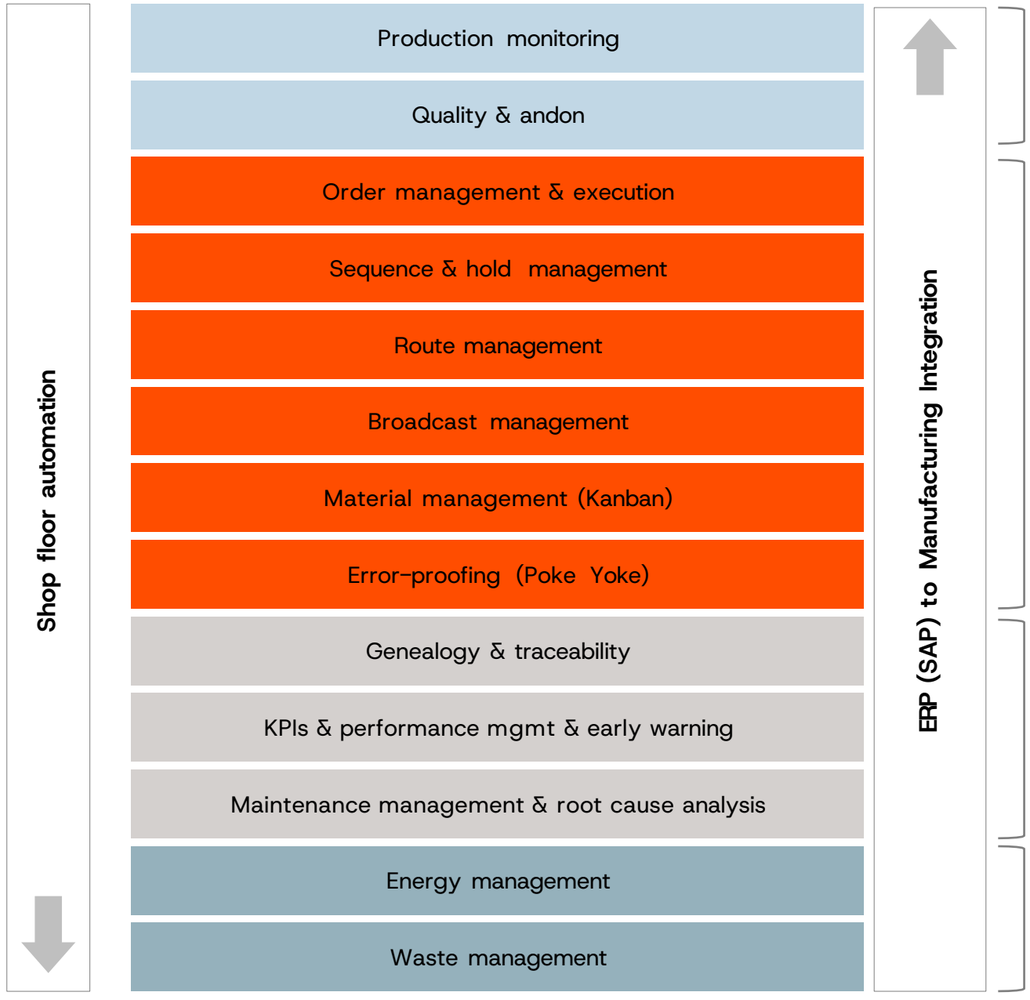
Standards for IoT interoperability and gain enterprise-wide visibility

- Tracker delivers a standards-based open ecosystem for superior interoperability and the foundation for IoT.
- As part of the Proficy family, Tracker reflects GE Digital's commitment to OPC UA, MQTT, ISA 18.2, ISA 101, and more.
- With Tracker, you can gain visibility across disparate, disconnected systems as well as a blueprint for manufacturing across enterprise-wide operations for a simpler, reusable manufacturing infrastructure.
- Furthermore, through CIMPLICITY HMI/SCADA, you gain a powerful, widely-used SCADA system that includes device connectivity (both native and OPC), graphical development, alarm management, marquee and pager interfaces, client management, and much more.

Used in hundreds of complex manufacturing plants globally

- There were mainly three criteria we considered during the selection process.
- They were high quality, cost savings, and an integrated solution.
- [The solution] from Velotic is quite outstanding in features and performance."

Mr. Lijia Yang
Electrics Control Engineer, Powertrain
Shanghai GM



Consult product documentation for hardware/software requirements. Confirm standard vs optional features with Velotic representative. Specifications are subject to change without notice. Results and functionality vary, depending on existing hardware/software, applications, implementation, and other factors.

Discover how Tracker from Velotic can increase your throughput and accelerate your competitiveness with proven, automated routing and tracking.

Learn more

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