

## SYSPRO for the Electronics Industry

Electronics manufacturers are facing constant pressure to introduce innovative new products that are durable, cost effective and fill a market gap. The pace is fast, design and production times are short, and time to market is constantly being reduced.

As a result, electronics manufacturers need reliable systems that enable cross-communication throughout the entire supply chain. They need to be able to stay on top of short product life cycles, long procurement lead times, indirect sales channels and complex supply chains, making reliable ERP applications a must for supply chain management.



Agility and speed in getting to market are critical in this industry in order to meet the challenges of:

- Continuous product innovation
- Short product life cycles
- High levels of obsolete inventory
- Complex supply chains

SYSPRO software empowers businesses to overcome these challenges and reinforce growth and profitability. SYSPRO's advanced planning and scheduling, serial tracking, work-in-progress inspections and procurement planning are some of the features that have made SYSPRO for Electronics a leader in the provision of world-class business software solutions.

In industries where rapid innovation is critical to remaining competitive, strategies to optimize inventory without sacrificing customer service and quality are essential. SYSPRO enables efficient management of operations by helping businesses automate and streamline order-to-delivery processes and gain complete visibility to an integrated picture of operations.

*"VEMCO is most impressed by SYSPRO's flexibility. The ability to handle our company's specific requirements and the strong manufacturing functionality has made this a great investment."*

**Fred Voegeli - President, VEMCO**

SYSPRO's Inventory, Inventory Optimization and Requirements Planning modules provide the tools to help reduce forecast errors, manage seasonality, and optimize inventories to meet customer service targets.

With consistent product improvement and innovation and the large number of components in electronic products, the efficient management of design revisions is central to maintaining control over product life cycles.

Improved forecast accuracy is essential in forecasting environments where product ranges and configurations are extensive, bills of material are complex and raw material and component lead times are long. This minimizes inventory holding and obsolescence costs without compromising customer service and brand loyalty.

Efficient automation, management and tracking of product life cycles is provided through the Inventory, Bill of Materials and Engineering Change Control solutions from SYSPRO, thereby streamlining time-to-market processes.

## Traceability

For compliance – whether government or customer-driven – the capability to ensure part traceability from material origins through manufacture to final destination is integral to guaranteeing products against defective materials and workmanship. Because SYSPRO's lot and serial traceability features are fully integrated to the rest of the system, they afford full centralized visibility to the origins, build and sales destination of products. This in turn ensures automated real-time tracking and the rapid tracing and analysis of the source of defects should they occur. When a product or part recall is necessary, it is important to be able to quickly retrieve and extract the right information. Using SYSPRO's powerful traceability features, businesses can confidently identify the source of defects and quality issues and limit recalls to defective product only. This prevents the need for total product recall and the associated costs and reputation impact.

## Inventory Management

The Inventory Optimization suite provides comprehensive tracking and analysis of forecasts, as well as slow-moving, excess, active and static stocks. Its powerful features enable accurate obsolescence provisioning, product rationalization programs and targeted promotions on slow-moving and end-of-life stocks.

## Requirements Planning

Excess component, work-in-progress and finished goods inventory is alleviated through the use of SYSPRO's powerful forecasting and Material Requirements Planning (MRP) features. These solutions provide a complete view of independent and dependent demand and supply, and accurate time-phased requirements with comprehensive pegging. Component-to-operation linking, along with order policy, lead time and time fence features enable accurate Just in Time (JIT) based materials replenishment.

## Advanced Trial Kitting

For those businesses not requiring full-scale MRP but a simpler derivative, SYSPRO offers Advanced Trial Kitting, which can run based on a range of user-selected criteria thereby ensuring only the materials required are ordered.

Additionally, true order-linked pull replenishment is provided through sales order- and purchase order-to-job linking and multi-level trial kitting, which enable



the automatic raising and linking of the relevant supply orders via simple review.

## Return Merchandise Authorization

SYSPRO's Return Merchandise (RMA) rapidly process customer returns and the resulting corrective actions such as receipting, exchanges, cross-shipments, repairs, scrap and credits, as well as charges for returns and restocking activities. Action codes, notes and user-configured returns classifications facilitate comprehensive analysis and reporting. The power of SYSPRO's returns automation is further enhanced by its seamless integration with the system's serial tracking, lot traceability, quality and engineering change control capabilities.

## Engineering Change Control

Control over part revision is seamlessly handled by the Engineering Change Control (ECC) module. ECC gives you the tools to record and track revisions of products and parts for design, as well as sales and replenishment purposes. ECC's queries, audit trail, history and archive facilities, gives quick on-line access to details of prior versions, as well as the option of reverting to the use of a prior version if required. In addition, the facility to attach copies of product design drawings to version and release levels provides access to visual details of revisions.

## Electronic Data Interface

SYSPRO's CRM and EDI solutions extend the benefits of the SYSPRO enterprise system by supplying key components of customer and supplier management and a seamless integration to back office accounting and ERP functionality, as well as Microsoft® front office programs.



## Learn more:

If you want to learn more about SYSPRO's solutions in the Electronics industry, visit us at <http://bit.ly/1OJVVe>