Electrolock

The Company

Since 1957, Electrolock, Inc. has been helping companies solve electrical and thermal insulation problems. They offer a wealth of design and manufacturing experience and services to many markets, including: electrical power equipment, electronics, home appliances, and automotive. Collaborating with the customer, Electrolock defines the problem, then designs and manufactures the solution. The company believes that if the problem is unique, then the solution should be too.

With multiple manufacturing locations in Ohio and South Carolina, Electrolock faced challenges related to managing and achieving inventory visibility in a multi-site operation.
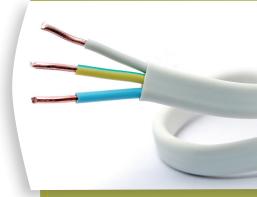
The Challenge

Having evolved from a distributor to a manufacturer of electrical insulation materials, Electrolock was planning to upgrade from an older legacy system because they needed more of a **manufacturing**-based ERP system to reduce costs, inventory, lead-times and help with quality control issues. They needed visibility to data to support decision-making, to improve customer response time, and to minimize the paper trail of spreadsheets and disparate databases. Their manufacturing environment is customer-driven and their production is focused on engineer-to-order, as they have very few "standard" products. The company had a limited planning system that provided no real window into understanding the loading on various machine centers in the plant. There was lack of visibility to incoming

orders and the production scheduling time to meet those orders. Their legacy system was older and only provided limited functionality when it came to bill of materials and development of production routes.

When Electrolock was looking for a partner to implement a new ERP system, their objective was to find a solution provider that shared the same approach to solving client challenges. "We needed a partner like enVista that could implement our ERP solution and tailor it towards our needs, not just install it," said said Electrolock President Joe Williams IV. Electrolock was looking for one system that would provide a high-level of visibility into organizational data, information, reporting and statistics, while simultaneously helping identify and implement business practice improvements. They also wanted to be able to integrate with their sister company, Dunstone, located in North Carolina.

enVista's Solution

In order to meet Electrolock's challenges, enVista implemented Microsoft Dynamics AX throughout Electrolock's enterprise. It was a multi-company, multi-site implementation that included all sites at Electrolock and Dunstone. The implementation was tailored to Electrolock's requirements for handling machine instructions, which are the unique customer specifications that have to be completed during the production process of each customer's order. Electrolock used enVista's enHanced Data Migration Tool to simplify and expedite the data migration

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> Joe Williams IV
> *President, Electrolock*

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process. Electrolock quickly learned and owned the entire process and was able to easily scrub and migrate their data. The ability to put all of their data in the proper migration order made for a seamless go live process; it was almost as easy as the click of a button. While testing and collaboration throughout the implementation greatly contributed to the project's success, customer ownership also paid a key role.

The Results

Partnering with enVista, Electrolock implemented and integrated the Microsoft Dynamics AX application throughout their enterprise. The company has seen significant results and improvements throughout their supply chain simply by utilizing a single system, highly adaptable platform. They now can perform capacity planning online. Due to improved visibility, Electrolock is benefitting from more accurate lead times, and more importantly, they are also able to be more responsive to customers' needs. Greater efficiencies are being achieved at the company, the workforce and systems are more in tune with one another, and Electrolock is now concentrating on continuous improvement initiatives.

enVista's "Big-Bang" all-at-once implementation of Microsoft Dynamics AX at Electrolock included:

- enVista's enHanced Data Migration Tool
- Security/User Permissions
- Financials General Ledger, Banking, Accounts Receivable, Accounts Payable
- Trade and Logistics
- Shipping Carrier Interface (UPS Parcel shipping)
  - Sales Orders, Return Orders (SC), Shipping, Bills of Lading, Commercial Invoices, Harmonized Tariff Codes, etc.
  - Purchasing, Receiving, Inventory Management
- Warehouse Location Control
  - Transfer Orders
  - Quality Management (Testing, Non-Conformances, Corrective Actions and Certificates of Analysis)
  - Quarantine Management and Control
  - Sales Quotations Converting to Orders
- Production Orders – Routes + BOMs
- Master Planning & Capacity Planning
- *Personalized Solution:* Customized to Handle Machine Instructions
- Growing Use of Role Centers for Cues, Analytics, etc.

For more information on enVista's services, please call 877-684-7700 or contact inforequest@ envistacorp.com

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