



Switzer Instrument Limited
Chennai, India
www.switzerinstrument.com

Industry:
Electrical/Electronic Manufacturing

Annual Revenue:
Privately held

CHAIN•SYS Products & Service
e•chain ERP Implementation

“Commenced with the manufacture of a limited range of Pressure Switches, our activities expanded to cover wider range of Pressure Switches and other Process Control Instruments such as Draft Indicators, Flow Switches, Differential Pressure Indicators, Primary flow elements. Every product earned excellent customer recognition for product quality and reliability.”

SWITZER

Founded in 1976, Switzer Instruments Limited is a high-tech electrical manufacturing company producing wide range of pressure, flow switches, indicators and differential pressure switches for controls. Switzer is dedicated to producing their product at a very high quality. e•chain

Challenge

Switzer Limited manufactures its components on a make to order basis, customers are offered the opportunity to choose their own parameters when ordering. Consequently causing each component to have a variety of different applications, and dynamically created item names based on parameters. Also BOMs and tracking must be implemented for each unique product.

Solution

e-chain has been successfully implemented in the following way:

- Item class master is used to define parameters.
- For each product class a separate XML file will be maintained in the server.
- A new page created for capturing product parameters in a sequential manner with appropriate validations based on rules table, similar to a wizard.
- This produces a Model Code for the item.
- BOMs are created according to the Model Code and parameters stored in a separate table from the wizard.
- The field value in item class values will be used for filling the Item Name code in Item Master.
- Switzer’s customers can now personally enter item configurations to their individual specifications.
- Real-time creation of Items and BOMs are configured by the system resulting in significant reduction for human interaction and therefore time.
- Even with complicated parametric input, e-chain has made error-free output a reality for Switzer.
- Perpetual tracking of parameters for each individual item is now done automatically through e-chain,