



## ITW Sexton Achieves Zero Parts Per Thousand Quality Standard Using Synergy 1000

“What we are known for is our high quality standards in manufacturing two-piece high pressure aerosol cans as well as deep-drawn metal filters,” said Brandon Johnson, Filter Manager for ITW Sexton. The deep drawn filter shells are for oil filter use. At the Decatur plant, ITW Sexton makes shells up to 12 inches in length and 5 inches in diameter.

ITW began looking for an SPC solution because the operators were using paper and pencil to plot the quality of the product they were manufacturing. “We were looking to establish a real-time SPC data collection process that would allow us to become predictive in identifying potential non-conformances in the work place,” explained Johnson. “Since our business unit implemented the Synergy software, we have seen a large reduction in the amount of errors for SPC data entry.”

Johnson likes the fact that the Synergy software is user-friendly and provides a visual monitoring system for their data entry. Johnson likes that they can attach or display ISO work procedures or visual displays of the gages used for measuring the product. “If there is a measurement out of specification, it will alert the operators immediately so that the corrections can be made in a timely manner,” Johnson added. Over the last couple of years, Johnson estimates they have saved approximately 2,000 to 3,000 man hours in data entry.

“The software has allowed our workforce to recognize potential non-conformances and eliminate defects before they occur,” said Johnson. For the last two years, their business department has maintained a zero parts per thousand quality standard with their customers. “With the help of the Synergy software, we have established our company as a leader in providing high quality products,” said Johnson.

According to Johnson, Synergy has helped ITW Sexton achieve its top initiatives

## Executive Summary

### Customer

ITW Sexton is a world leader in the production of two-piece specialty aerosol cans for automotive and adhesives & sealants applications. They manufacture two-piece cans at their facility in Decatur, Alabama, and produce deep-drawn metal filters. ITW Sexton is a division of Illinois Tool Works, a Fortune 500 company.

### Challenges

- To establish a real-time SPC data collection process
- To become predictive in identifying potential non-conformances in the work place
- To build a better product

### Solution

- Zontec’s Synergy 1000™

### Results

- Large reduction in data entry errors
- Saved approximately 2,000 to 3,000 man hours in data entry
- Maintained a zero parts per thousand quality standard with their customers

of ensuring the accuracy of the SPC data entered, the production of a high quality product, and the satisfaction of its customers. "Our business is now capable of eliminating defects before they occur and make it to the end user...our customers," explained Johnson. "The Synergy software gives us the capability to provide visual work instructions for the parts we are measuring. With the Synergy software in place, we have more process control of our daily production activities."

"With the help of the Synergy software, we have established our company as a leader in providing high quality products."

– Brandon Johnson, Filter Manager for ITW  
Sexton

Danei Edelen  
Marketing Manager  
Zontec  
1389 Kemper Meadow Drive  
Cincinnati, OH 45240  
Phone: 513.648.9695 x204  
Fax: 513.648.0805  
dedelen@zontec-spc.com  
www.zontec-spc.com