

QUALITY IN MANUFACTURING

SERVOTRONIX/MIDEA CUSTOMER TESTIMONIAL

BY QUALITYLINE



OVERVIEW AND OPERATIONAL MODE

WHAT SERVOTRONIX/MIDEA IS WORKING ON

Servotronix is part of the Midea Group, a leading global supplier of consumer appliances, Heating, Ventilation, Air-Conditioning (HVAC) systems, robotics and industrial automation systems.

This testimonial is based on an interview with Mr.Ohad Shental, Quality Manager at Servotronix Motion Control (SMC).



CHALLENGES AND BUSINESS GOALS

A BRIEF SUMMARY

- Servotronix needed a solution that would automatically harmonize, integrate, and interpret any disparate manufacturing data located at the production line.
- The solution is described as “remote eyes and hands on site” for the production lines in China as automatically integrates any global data source into the Advanced Analytics Solution.
- Servotronix dedicated engineers are responsible to determine which issues in the production line are related to product failure rate. The team works with the QualityLine system in a daily basis, receiving automatic alerts of anomaly detection that alerts about any issues in the manufacturing process.

RECOGNITION

**As a result of QualityLine's automatic implementation of the advanced manufacturing analytics and its quickly contribution to Industry performance,
Servotronix plans to roll out QualityLine's solution across all company's manufacturing sites.**

NEW WAY OF PROCEEDING

SOLUTION

CUSTOMIZED FOR MIDEA

- The Advanced analytics was created automatically by the solution and shows which components and/or test stations need attention, and which issues should be prioritised.
- Automated Data Integration enables fast and user-friendly integration of the captured data.
- QualityLine's dashboard enables quality and operations managers to visualize all the manufacturing processes. The platform is automatically aligned with the company's global production line.

MAJOR IMPROVEMENTS

1

ROI in 5.5 months

Return on Investment (ROI) in less than 6 months.

2

60% reduction of Yield-loss

Continuous improvment of yield using QualityLine's advanced analytics.

3


12% production capacity increase

Production capacity improved by 12% within one year of use.

4

10% Efficiency improvements a year

Continuous improvement of efficiency



**" WITH QUALITYLINE WE
HAD CONTINUOUS
EFFICIENCY IMPROVEMENT
OVER THE LAST 3 YEARS,
WHICH REPRESENTS
SIGNIFICANT COST SAVINGS
AND IMPROVED LEAD TIME
AND CAPACITY "**

MR.OHAD SHENTAL, QUALITY MANAGER AT SERVOTRONIX –
MIDEA

KEY BENEFITS

Immediate alerts

QualityLine's real-time alerts identify and prevent process degradation

Automated Data Integration

The solution automatically integrated and interpreted all type of global data source into one unified database

Advanced Analytics

The tool, automatically created to the customer, quickly provided ability to analyse data, improving product quality.

Accuracy of data

Very strong impact of accuracy of data. Enabled company to identify the main yield-loss factors.

OVERALL FEEDBACK

"QUALITYLINE AUTOMATICALLY INTEGRATED ALL OUR TYPES OF DATA, PROVIDING US WITH INVALUABLE DIAGNOSTICS THAT HELPS INCREASE OUR MANUFACTURING YIELD AND THE QUALITY OF OUR PRODUCTS.

WE NOW HAVE COMPLETE CONTROL AND END TO END VISIBILITY OF EVERY STEP IN OUR MANUFACTURING PROCESS "

EXPANSION

EXTENDING THE COOPERATION WITH QUALITYLINE



Cover other sites

The client plans to roll-out QualityLine's solution to other manufacturing sites

Efficiency

Continuous improvement in manufacturing efficiency. The graph is stable with an upward trend

Root cause analysis

QualityLine Advanced Manufacturing analytics has improved root cause analysis and provided us with 10% efficiency improvement

CONTACT US

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OF QUALITYLINE'S SOLUTION

www.quality-line.com
info@quality-line.com
