

QUALITY IN MANUFACTURING

EMERSON CUSTOMER TESTIMONIAL

BY QUALITYLINE



OVERVIEW AND OPERATIONAL MODE

WHAT EMERSON IS COVERING

Emerson Electric Co. is an American multinational corporation headquartered in Missouri, USA. Emerson has 205 manufacturing locations worldwide and provides engineering services for a wide range of industrial, commercial, and consumer markets.

This testimonial is based on the interview with Ms. Sigalit Fountain, Director Engineering QA & EHS at Emerson.



CHALLENGES AND BUSINESS GOAL

A BRIEF SUMMARY

- Limited control of real-time monitoring and reporting
- Need for automated data harmonisation to analyze databases from all subsidiaries
- Multiple issues resulting in low production efficiency
- Need for a AI diagnostic analytics to power manufacturing efficiency globally
- Lack of system documentation/old internally developed system
- Need to replace the existing solution with a new and user-friendly one automatically created by QualityLine solution



A WORD OF INTRODUCTION

Emerson interviewed global companies, including Siemens, Contel Technologies and SEEBO, but gave the final go-ahead to QualityLine's solution.

NEW WAY OF PROCEEDING

SOLUTION

MADE TO MEASURE FOR EMERSON

- Automated Implementation time/Go-live in 18 manufacturing chains: 3 months
- Only 1 internal resource leading the project
- Crucial implementation done by QualityLine solution
- Dedicated QualityLine team, solving all ad-hoc issues
- Major KPI reports included in QualityLine solution
- The tool entirely automatically replaced the old internal system
- Customisation was made to harmonise captured data
- On-demand adjustments to the dashboard following Emerson's needs

"Eighteen production chains are now effectively being managed, with harmonised capture of data and excellent root cause analysis of yield problems."

MAJOR IMPROVEMENTS

1

ROI in 4 months

Return on Investment (ROI) in less than 4 months.

2

22% of yield increase

Emerson improved its yield by 22% using QualityLine's solution.

3


17% production capacity increase

Production capacity improved by 17% within the first year of use.

4

32% better quality

Improvement of the production quality by 32%.



"OTHER SOLUTIONS WOULD REQUIRE OUR TEAM TO SPEND MONTHS TO ORGANIZE THE DATA ON THE IMPLEMENTATION PROCESS INSTEAD OF AUTOMATED INTEGRATION AS OFFERED BY QUALITYLINE. WE WERE FULLY OPERATIONAL UP AND RUNNING IN LESS THAN 2 MONTHS. ALSO, OTHERS ANALYTICS DIDN'T PROVIDED THE REQUIRED FEATURES WE WERE LOOKING FOR".

SIGALIT FOUNTAIN, DIRECTOR ENGINEERING QA & EHS AT EMERSON ISRAEL

OTHER KEY BENEFITS

Reactivity

QualityLine's real-time alerts are an important improvement, which Emerson was not having before.

Automated data integration

Automated Integration of all types of manufacturing data source in real-time from any factory worldwide.

Visibility

The tool provided a great visibility and ability to analyse data, improving product quality.

Accuracy of data

Very strong impact of accuracy of data. There are no mistakes in estimations and visibility of production chain.

OVERALL FEEDBACK: 10/10

**THE ANALYTICS WAS CREATED AUTOMATICALLY,
ACHIEVING THE FULL POTENTIAL OF THE DATA.
ALL THE DATA SOURCES, FROM ALL GLOBAL
FACTORIES WERE SUCCESSFULLY INTEGRATED
AUTOMATICALLY BY QUALITYLINE "**

EMERSON WAS ONE OF QUALITYLINE'S FIRST CLIENTS AND YET IS VERY
SATISFIED WITH THE IMPROVMENTS

MORE TO COME

EMERSON DECIDED TO EXTEND THE COOPERATION WITH QUALITYLINE



Promotion to Scotland

Already promoting QualityLine solution to Scotland.

Expansion

Potential expansion of use case as a result of Quality Emerson Global.

New features

Emerson will introduce a worldwide solution based on cooperation with QualityLine.



CONTACT US

**Request today a live demo
with one of our AI Experts**

