

QUALITY IN MANUFACTURING

GILAT CUSTOMER TESTIMONIAL

BY QUALITYLINE



OVERVIEW AND OPERATIONAL MODE

Gilat Satellite Networks is a public company, traded on the NASDAQ and in the Tel Aviv Stock Exchange. Gilat develops and sells VSAT satellite ground stations and related equipment. The company's subsidiaries are based in the US, Colombia, Ukraine, and Peru. Gilat is managing the production line, documentation, tests, and equipment along the production cycle. The company's main challenge was to become digital and to remotely manage its manufacturing processes globally.

This testimonial is based on the interview with Niv Tamir, AVP Operations at Gilat Satellite Networks.



CHALLENGES AND BUSINESS GOAL

A BRIEF SUMMARY

- Lack of end to end visibility through the entire manufacturing process worldwide.
- Need for automated data integration of any global data source to analyse databases from all subsidiaries.
- Limited control of real-time monitoring and reporting.
- Low frequency of manufacturing data analysis – highly time-consuming.
- Need of a system that would continuously collect and integrate multiple data sources into one database.
- Highly complex products which are difficult for root cause analysis.
- Low traceability efficiency in the whole supply chain.
- Need for a user-friendly solution that would automatically create the advanced analytics.



A WORD OF INTRODUCTION

QualityLine's real-time manufacturing analytics solution automatically integrated all types of data source to create our dashboard.

NEW WAY OF PROCEEDING

SOLUTION

MADE TO MEASURE FOR GILAT

- Automated Data integration that Automatically creates an Advanced Analytics for Customers
- Implementation time: 3 months
- Go-live in 3 factories over 35 databases
- Only 1 internal employee coordinating the project
- Critical implementation work done by QualityLine AI Patented solution
- Dedicated QualityLine team, solving all ad-hoc issues
- Major KPI reports included in the solution
- No changes to Gilat's internal system. No hardware or API installation.
- Detailed handover of all necessary information

“Very efficient solution, enabled us to automatically have a big picture on a daily basis 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

30 to 85% yield increase

30% to 85% yield improvement, depending on the product.

3

12% production capacity increase

Production capacity improved by 12% within the first year of use.

4

23% growth in satisfaction

23% rescue in customers complaints – less RMA units.



**"EXCEPTIONALLY FLEXIBLE
AND AUTOMATED SYSTEM,
THAT CAN ADAPT TO OUR
OPERATIONS NEEDS UNLIKE
SAP AND OTHER SOLUTIONS
WE REVIEWED"**

NIV TAMIR, AVP OPERATIONS, GILAT SATELLITE NETWORKS

OVERALL FEEDBACK: 10/10

**FANTASTIC CUSTOMER
SERVICE & RESPONSE TIME,
BASED ON SLA**

GILAT WAS ONE OF QUALITYLINE'S FIRST CLIENTS AND YET IS VERY
SATISFIED WITH THE SOLUTION

OTHER KEY BENEFITS

Cp and Cpk

Cp and Cpk of every test
– ability to provide
a report on quality
and a certificate
of compliance.

Better production results

Improved production
results, reduced
test duration and
increase of traceability.

Advanced Analytics

The solution
automatically created
an Advanced analytics
that provided
great visibility to R&D,
redefining the design,
and improving product
quality.

Automated Data Integration

All types of global data
sources could
automatically be
interpreted by the
solution

MORE TO COME

GILAT IS INCREASING ITS COLLABORATION WITH QUALITYLINE



2.0 Version

New version to be released.



Expansion

Potential expansion of use case—acquiring new production lines and strategic suppliers.



RMA

Setting up a new Return Material Authorisation process.

CONTACT US

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OF QUALITYLINE'S SOLUTION

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