

ANALYTICS FOR MANUFACTURING QUALITY + PROCESS IMPROVEMENT

Let Elite Technology Solutions make sure your company has the resources for success



If a company strives and excels in creating a streamlined supply chain with quality check points and product excellence then that company is successful and profitable.

Manufacturing Distinction

In today's manufacturing environment efficient processes, quality control and consistency of the product is paramount to a company's reputation, cost structure and survival. If a company strives and excels in creating a streamlined supply chain with quality check points and product excellence then that company is successful and profitable.

To create a company with those distinctive strengths takes leadership, technology and a team that is interested in creating knowledge from all of the data points throughout the manufacturing process.

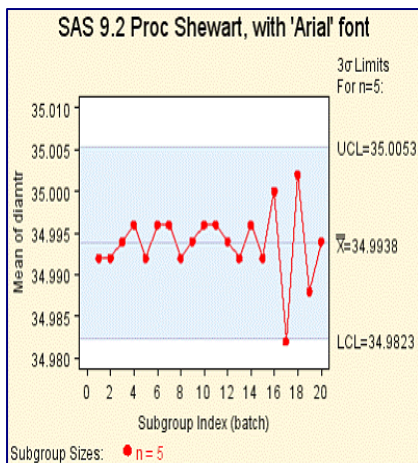
Leveraging the data that is collected throughout the supply chain and cycling it through a powerful analytical solution can create insights into processes and product quality that in the past were overseen and not correlated. This information can lead to great strides in reducing costs and increasing profits.

The Power of Analytics

A well defined analytical solution can enhance quality management programs, improve forecasting trends, advance predictive maintenance efforts along with further support continuous improvement initiatives and reduce time to market in research and development departments.

Enhance Quality Management through Analytics

- Monitor your manufacturing processes to maintain high quality, improve product reliability, and increase yields while reducing costs.
- Perform root cause analysis to help you identify quality issues and fix them before they become serious problems.
- View alerts and receive early warnings so you can take action to address potential quality issues, reduce rework, scrap rates and preserve quality reputation.

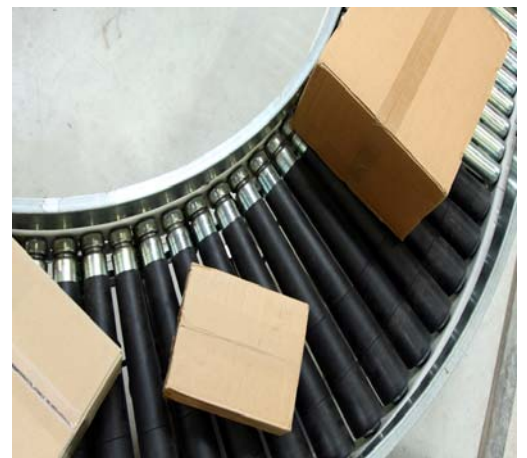


Are your processes in control?

How do you know?

Analytics Provides Superior Forecasting to Predict Trends

- Help you develop a plan for the resources needed in your operations including customer demand, equipment, labor or raw material supply.
- Boost understanding of how external factors such as consumer price index, oil prices, weather, prime rate could affect your customer's sales demand.
- Increase the accuracy of forecasts to reduce inventory while maintain high customer levels.



Advance Predictive Maintenance

- Determine the optimal time to perform regular maintenance and minimize scheduled downtime.
- Predict the life of equipment and related tools to maximize the return on investment.
- Schedule preventive maintenance activities before equipment breakdown results in unplanned downtime.

Support Continuous Improvement Initiatives

- Use advanced tools to manage your Six Sigma and Design of Experiments projects.
- Ensure that your continuous improvement initiatives generate positive results.
- Test out control systems for newly designed processes.



Reduce Time to Market in Research and Development

- Create ways for engineer and product development teams to build a knowledge base for design and engineering data.
- Apply advanced modeling techniques to reduce product development time and optimize lab experiment time.
- Leverage prior experience in identifying materials and chemicals that can result in improved and more reliable products

Elite Technology Solutions Services

Elite Technology Solutions combines the appropriate combination of technology and analytical techniques to help manufacturing companies optimize their supply chain processes. Time now spent on gathering, organizing, and cleansing data can be replaced with increased asset utilization, better equipment performance, lower inventory levels, reduced scrap and higher customer satisfaction. Elite Technology Solutions services can enable your company to improve overall process, quality of products and ultimately increase your bottom line.

The Elite Technology Solution offerings include:

- Data Sourcing/Data Integration/Data Cleansing
- Data Management/Data Warehousing - Reporting Systems/Portal development
- Analytical application development
- Statistical Analysis / Predictive Modeling
- Assessment and Implementation strategies



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