



Dan Boieriu is the Quality Manager at Delphi Diesel Systems Romania SRL since December 2007. Before *STATISTICA Enterprise* was implemented on the production lines (2010), the data used to be collected manually and it took several days to collect and analyze it. *STATISTICA Enterprise* does this automatically, much faster, and in real time! It saves a huge amount of time and allows for immediate adjustments when drifts occur. The Return On Investment (ROI) for the software is extremely fast!

***STATISTICA Enterprise* helps DELPHI Save Significant Time for its Statistical Process Control and 6 Sigma Applications**

Iasi, April 22nd of 2011

About DELPHI

Delphi (www.delphi.com) is a leading global supplier of electronics and technologies for automotive, commercial vehicle and other market segments. Operating major technical centers, manufacturing sites and customer support facilities in 30 countries, Delphi delivers real-world innovations that make products smarter, safer, more powerful and efficient.

Case Study

STATISTICA Enterprise has been used at Delphi's diesel plants in La Rochelle and Blois in France for more than 10 years. *STATISTICA Enterprise* is used to treat quality data under the Statistical Process Control and other sources. Technicians use the tool to get a visual display of the possible drifts and the test helps maintenance operations adjust the manufacturing process according to specifications.

With so many Six sigma and Shainin projects as part of innovation and continuous improvement process, it is important to analyse statistical data in order to determine the root cause of potential problems, test the products under various conditions and interpret

the result statistically. Root causes of a problem can be easily identified and corrective actions implemented to eliminate them. *STATISTICA Enterprise* helps address this.

Delphi's site in Iasi, Romania, which specialises in manufacturing diesel injection systems opted to use *STATISTICA Enterprise* to analyse its vast amount of manufacturing data. *STATISTICA Enterprise* is now connected to the site's manufacturing data base. *STATISTICA Enterprise*'s SQL language for retrieving records from the database allowed creation of a new table to directly collect data to treat it, saving the company significant time. Previously, the company had to manually collect the data and treat it with software. Collecting and treating data used to take three days. With *STATISTICA Enterprise*, it now takes only three hours.

STATISTICA Enterprise delivers continuous and useful information to the various individuals involved at different levels of the business. It adds a visual dimension to statistical process control and helps review indicators of interest without losing time accessing the data.

Staff at StatSoft France provided substantial support to the local team to implement the software and optimize its use.

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