

## UK Manufacturer Case Study

### SAS USED FOR RESEARCH AND CONTROL OF MANUFACTURING PROCESS

#### The Challenge

The Research and Development Department of this major manufacturer required an upgrade to their custom built analysis and reporting system. The system was used to check the quality of the electrical component and the worldwide user requirements demanded it to be intuitive and multi-lingual.

#### The Solution

The solution uses many of the technically advanced features included in the .NET framework to allow features such as no-touch deployment, and intelligent anticipatory sections derived from user histories. Many bespoke custom written analytical routines were also included in the solution. The technologies used were SAS Base, SAS ETL, SAS Macro, Visual Studio.NET, SAS/STAT, SAS/QC, SAS/IML and SAS/OR.

#### The Results

A more user-friendly front-end was delivered. The user is now presented with a series of easy to use HTML pages to facilitate viewing of their quality checking reports.

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