

The Partners



Experts in Statistics

Reliable quality data is a vital tool for process evaluation and control. Q-DAS® GmbH & Co. KG provides the software and service for efficient and reliable application of statistical methods necessary to set up a quality assessment system. Strategically targeted software products of the highest quality level and the professional competence of the Q-DAS® staff are the basis of our foundation. This is experienced by over 8.000 customers and 200.000 users from diverse industry sectors – all over the world!



CAQ with a Difference

For more than 15 years, iqs has stood for innovative ideas and forward looking technology in quality assurance and management. Identification of potential errors – a matter of course for the iqs CAQ System! The iqs CAQ system covers all quality assurance levels from planning and manufacturing inspections right through to the evaluation of quality markers. iqs customers include companies from diverse industry sectors like, for example, automotive, electronics, plastics and metal working from large enterprises to medium-sized businesses.



Would you like to find out more?
Please contact us ...

www.quality-campaign.com



QUALITY CAMPAIGN

2 Partners, 1 Solution.



Q-DAS® GmbH & Co. KG
69469 Weinheim
Germany
Phone: +49 (0) 6201 3941-0
q-das@q-das.de
www.q-das.de

iqs Software GmbH
77815 Bühl (Baden)
Germany
Phone: +49 (0) 7223 28148-0
info@iqs.de
www.iqs.de

2 Partners, 1 Solution – the cooperation between
iqs and Q-DAS® combines quality planning and
statistical methods at the highest level.

A Win-Win Situation

2 Partners, 1 Solution – the cooperation between iqs and Q-DAS® combines quality planning and statistical methods at the highest level:

- ☑ Comprehensive system solution for quality management from one source
- ☑ Combination of CAQ software with expert statistical know-how
- ☑ Bundling – benefit from the corporate strength of the leading suppliers in their sector
 - › iqs: preventive quality planning
 - › Q-DAS®: inspection data recording and statistical evaluation
- ☑ Conclusions from statistical process control to planning through an integrated and optimized quality planning and control system:
 - › Quality software with a learning control cycle
- ☑ Global support

COOPERATION

Quality planning is not a one-way street, but rather a continuous process. During the daily implementation of planning specifications, new findings repeatedly occur, which can result in alterations to, or conclusions being made on those specifications. The cooperation between Q-DAS® and iqs makes it possible to offer quality software with a learning control cycle, creating added value for your company. The iqs quality planning software provides the basis for operative use of SPC together with Q-DAS® products:

Planning Level ↔ iqs

An inspection plan includes detailed test specifications such as target values, tolerances, control limits and additional information. This is derived from the control plan, where the inspection steps are described based on a process flow chart and a complete overview of the inspection is displayed. The first step is the FMEA (Process and Product), which is used for process risk evaluation and development. Based on this, measures can be implemented for error prevention as well as detection measures determined, i.e. the inspections that need to be carried out. Before the inspection, inspection equipment is selected which has been qualified with the relevant proof of suitability.

Operative Level ↔ Q-DAS®

A measurement system capability study supplies relevant information for the selection of the measurement system. Only capable measurement systems may be used on the planning side.

An acceptance study of production facilities verifies that the facility is capable of manufacturing the products in the required quality, and a process capability study analyzes whether the required product quality can be guaranteed over an extended period of time. With the implementation of SPC, statistical methods are applied for the inspection and control of process stability. The statistical evaluations of the data for the various considerations are based on valid norms and guidelines as well as individual company specifications.

Consolidation of both Levels

Results from statistical analysis and process control studies provide input data for quality planning which then may be used as basis for determination of the specifications. In this way, an integrated, optimized quality planning and control system evolves, closing the above mentioned learning control cycle.

The preventive quality management system from iqs visualizes all quality relevant processes and links them to a shared database. The integration of Q-DAS® products into the system supplements the CAQ software with competent statistical know-how.

