



Clinical Trial Database

One of our customers, a research-driven products and services company with operations in the pharmaceutical sector, conducts a large number of clinical trials as part of its business. It is essential for the customer to be able to manage and track the large amount of data relating to these trials.

Business Problem

The customer had an existing Microsoft Access database system for managing their clinical trials. The database kept a record of which drugs were sent to each trial centre and what stocks were remaining of each trial pack.

The database had been in use for several years, over which time it had been supported and extended by their in-house developers. Tessella was asked to take over the support of the system and to implement a number of enhancements.

Tessella Solution

When Tessella became involved with the project, it was already known that the system contained a number of features that were undocumented or did not function correctly. Consequently the initial task for the Tessella consultant was to review the current status of the database system and its associated documentation.

Once the existing status of the database system had been documented, the Tessella consultant implemented the required fixes and enhancements. These were designed to improve the auditing features of the system. A number of other changes were made to improve the ease of use of the system.

Throughout the development process, the existing quality documentation (such as functional requirements specification, user guide and system test script) was reviewed and updated to bring it into line with the enhanced system.

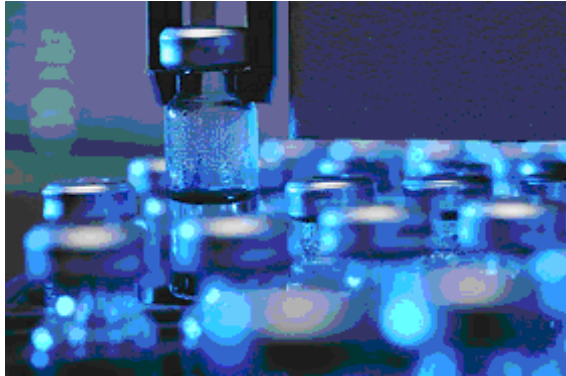
Tessella also recommended and implemented a process for documenting changes to the system, thereby extending the existing quality framework for development within the system.

Results and Benefits

The clinical trials database has now been enhanced to meet the users' requirements and a number of known problems with the original version have been addressed.

A framework has been put in place for managing future change to the code in the system and the existing quality documentation has been reviewed and updated. As a result of these changes, the system is more robust and easier to maintain.

Tessella has also been involved with on-going support of the system, providing rapid responses to technical issues.



Tessella plc 26 The Quadrant, Abingdon Science Park, Abingdon, Oxfordshire OX14 3YS, UK
T: +44 (0)1235 555511 | F: +44 (0)1235 553301 | E: info@tessella.com

Tessella Inc 233 Needham Street, Suite 300, Newton, MA 02464, USA
T: 1 617 454 1220 | F: 1 617 454 1001 | E: info@tessella.com

Tessella – successfully delivering IT and consulting services to world leaders in R&D, science and engineering.

For decades, Tessella has been successfully delivering IT and consulting services to world leaders in R&D, science, and engineering. Through the application of scientific methods and rigorous quality procedures, we enable clients in life sciences, energy, the public sector, and consumer industries to achieve a wide range of objectives, including, forecasting floods, developing fusion power, enhancing military sensor capability, increasing drug discovery and development efficiency, and reducing risk to health and the environment in the extraction and production of oil and gas. With offices in Europe and North America, global companies rely on Tessella for business critical assignments.

Copyright © Tessella plc 2009, all trademarks acknowledged.

