

Case study

Improvement of efficiency and compliance by adding Electronic Lab Notebook to laboratory processes.

How one of the world's largest research-based pharmaceutical company improved efficiency and compliance by evaluating tools and processes in daily lab reporting activities.

Business situation

Paper laboratory notebooks presented innumerable challenges to the customer process of drug discovery and development.

The most critical of these was the inability to efficiently locate relevant data for cross-departmental review or use, the loss of data, and poor or inconsistent security.

Data searches required manual examination of handwritten entries and their supporting computer outputs that are printed and applied with tape.

Goals

Evaluate a Electronic Lab Notebook tool.

Gain user-requirements and involve test users from all research sites.

Bring visibility into learning, transition and implementation costs.

Procedure action

Alignment strategies of stakeholders.

Situation analysis.

Outline user requirements.

Request the supply market with RFI Request for Information, Supplier pre-qualification, RFP Request for proposal and supplier audits.

Organize and manage the product/company presentations.

Initiate product test procedure.

Negotiate and select appropriate product/supplier.

benefits results

State of the art product selected to meet the user requirements.

A simple licensing model was developed and negotiated.

Interfacing to existing databases and other applications identified.

Necessary visibility into learning, transition and implementation costs.