

TRANSFORMATIONS

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R&D Process Analysis Uncovers Knowledge Assets

Poster presented at Bio-IT Conference in April, 2008

Throughout Pharma R&D, the strategic high-level workflow is usually quite visible to management and it is often supported by a variety of formal systems and checkpoints. Not nearly as visible, are the experimental results and analyses that feed reports and regulatory submissions in the primary R&D workflow. These more foundational, tactical, or front line research efforts often suffer from lack of management focus, inconsistent research processes, or informal systems. However, both strategic and tactical workflows create knowledge assets associated with research and development that are essential to successful product development. Failure to understand the knowledge assets generated from these contributions may lead to gaps in essential information.

Business process analysis formalizes the awareness and understanding of the R&D workflow, uncovers the knowledge generated at each process step, identifies where that knowledge is stored, and how it is accessed so the knowledge can inform current as well as future research and development efforts. It is important to know where these assets are captured by formal IT managed informatics systems versus informal systems that researchers adopt to optimize their efforts..... [Knowledge Poster](#). 

ELN Pilot Implementation Achieves Early Success

After evaluating Electronic Laboratory Notebook (ELN) systems and selecting a solution, a global Pharma company conducted a pilot as part of the overall ELN Program. This Program's goal was the implementation of a single off-the-shelf ELN solution across departments addressing the needs of Discovery Chemistry, Chemical Synthesis, and Pharma Technical Development Analytics.

The purpose of the pilot itself was threefold: 1) Confirm compatibility of the ELN solution for each of the departments and sites; 2) Identify and prioritize enhancements, customizations, as well as functional issues; and 3) Make a "go/no go" decision on the selected ELN vendor and application..... [ELN Pilot](#). 

Creating a Knowledge Roadmap for Pharma Development

The development organization of a global pharmaceutical company recognized that knowledge and information critical to their success was not consistently managed throughout their workflow. Gaps in information collection, storage, and searches were the cause of concerns around research efficiency and effectiveness. Redundant information was likewise concerning for fear that incorrect information or versions of information were being used as the basis of further scientific development, reporting, and decision-making.

The client decided to invest in an organized approach to assessing the information flow in the organization, determining knowledge managed at key stages in the workflow, and creating a roadmap toward better management of information and knowledge across the organization.... [Knowledge Roadmap](#). 

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Sample of current client initiatives:

- Clinical Trial Management System Definition, Vendor Evaluation & Selection
- Electronic Laboratory Notebook Implementation and Deployment

Recent & upcoming appearances:

- Dan Reasoner, Business Development Manager, presented a poster at Bio-IT in Boston entitled "R&D Process Analysis Uncovers Knowledge Assets" ...[Knowledge Poster](#). 
- Bob O'Hara, Managing Partner, participated in the DIA Annual Meeting in Boston June 23-26.
- Bob will be co-presenting a paper with Centocor entitled "R&D Knowledge Inventory Enhances IT Strategic Planning" at Bridging Pharma & IT in Providence, RI October 27-29. 

About ResultWorks

ResultWorks is a management consulting company which transforms business strategies of Life Sciences companies into successful technology and process harmonization initiatives. Results are achieved through skilled facilitation and exceptional management leadership. The ResultSessionSM is the cornerstone of our methodology which promotes collaboration and rapid decision-making while balancing people, process, and technology challenges.

To request additional information about ResultWorks, send us an email at marketing@ResultWorksLLC.com or visit our website at www.ResultWorksLLC.com.

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