

## Pre-Clinical Toxicology Analysis and Reporting Process Streamlined

**The Situation:** As the number of animal studies in a leading pharmaceutical company increased over the last few years, toxicology resources did not. Poor systems integration and lack of automation made many of the key processes overly manual, tedious, and time consuming for the scientists. With continued resource constraints forecasted, the Company decided that an investment in automation was the only way to meet the study demands with the same level of resources.

**The Solution:** ResultWorks was called upon to lead the project working with an application software provider. The project was divided into a definition phase and an implementation phase. The definition phase was facilitated by ResultWorks with a core team from the Company and the application provider. During just a day and a half Result Session<sup>SM</sup>, the automation solution was defined and a prototype was planned. Within two months, a proof of concept was delivered to the Company which cemented the commitment to the solution.

ResultWorks, the Company, and the application provider worked closely throughout the implementation phase meeting by phone weekly to stay on track. Issues were captured and changes were addressed with minimal distraction to Company scientists. Four months later, a complete solution was delivered to the Company. Testing produced just a handful of issues requiring a single test and release cycle.

The technology included integration between the LIMS and the toxicology system plus the automation software to select and produce tables and figures comparable to those produced manually by Excel and SigmaPlot. The tables and figures were then linked into standard report templates to produce draft study reports.

ResultWorks leadership together with the application software provider's expertise, and the Company's commitment and focus allowed this solution to be developed efficiently while delivering absolutely dramatic results for the Company scientists.

### Key Benefits:

1. **Timely Results:** Within six project months, the Company was able to define an automated solution, transfer data, generate tables and figures, and automatically create editable study reports.
2. **Dramatic Productivity:** Researchers were ecstatic at the savings in the manual effort which then afforded more productive research analysis.



### About ResultWorks, LLC

ResultWorks, LLC, a professional services company, specializes in transforming the business strategies of Life Sciences companies into successful technology and process harmonization initiatives. Remarkable results are achieved through skilled facilitation and exceptional management leadership. Consistent quality is delivered across a broad variety of challenging engagements through ResultWorks signature methodology. The Result Session<sup>SM</sup> is the cornerstone of that methodology yielding collaboration and rapid decision-making while balancing process, user and technical requirements.

For more information about ResultWorks, please contact us at [Marketing@ResultWorksLLC.com](mailto:Marketing@ResultWorksLLC.com).