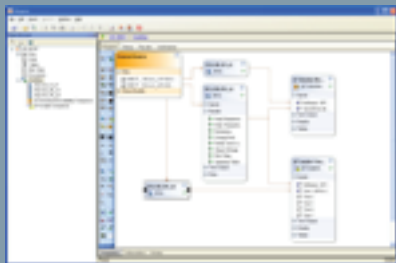




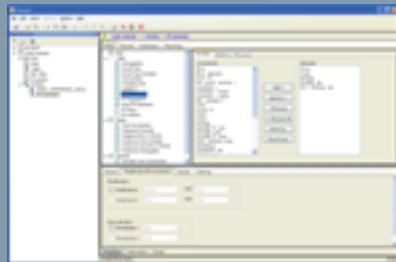
# AutoPilot™ Toolkit for Phoenix®

Integrated PK Automation delivers increased productivity and quality to the desktop.

Create Tables and Graphs from One or Multiple Studies in the Phoenix Project



Extensive User Control Over Format and Content



Integrated File Explorer for Transfer of Objects into Documents and Presentations



Pharmacokinetics (PK) Automation is a technology that gives companies the means to vastly increase productivity of their scientific staff while improving the quality and consistency of their PK analyses and reports. When the concept of PK Automation is applied to routine and repetitive analyses for the creation of presentation-quality PK tables, figures, and text output, it will dramatically shorten the turn-around time for intermediate and final reports and presentations – making time available that can be used for deeper and more analyses.

AutoPilot Toolkit for Phoenix is a configurable PK Automation software package. AutoPilot is integrated with Phoenix WinNonlin, the industry standard for Non-Compartmental Analysis (NCA) and PK / PD modeling, to produce report-quality tables, figures and text output (generated in SigmaPlot®, Microsoft® Excel® and Word) for regulatory submissions and interim reports.

AutoPilot operates on study data, models, and analysis results in a Phoenix project from the user's file system or from a controlled PK/PD data repository based on Pharsight Knowledgebase Server™ (PKS™).

## Benefits

- Reduce the time to complete interim and final PK reports by up to 75%
- Improve quality of reports leading to reduced effort in QA and Regulatory Affairs groups
- Capture and implement best practices and business rules within a department and across organizations
- Enable PK scientists to acquire new skills and focus their efforts on rewarding drug development research
- Reduce report cycles (i.e. the average time to report completion)

## Integrated Workflow

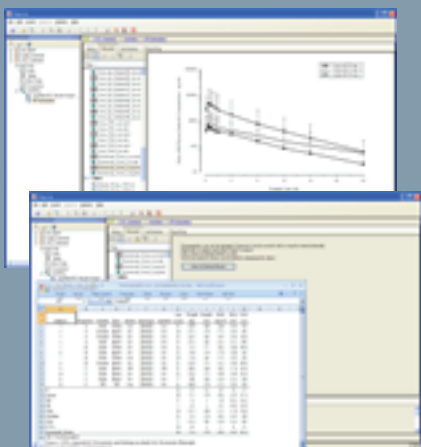
AutoPilot Toolkit for Phoenix provides the infrastructure and tools to manage and effectively automate the common or repetitive task of creating the required tables and figures for reports and presentations. Because these outputs must reflect the requirements and SOPs of each specific research organization, AutoPilot provides a user interface that enables customers to configure formatting and business rules applied to generated output, and to set standards for content of graphs and tables. These customer defined configurations allow companies to clearly communicate and enforce reporting standards across the organization.



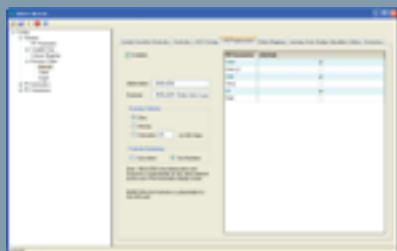
# AutoPilot™ Toolkit for Phoenix®

Integrated PK Automation delivers increased productivity and quality to the desktop.

Generated Tables and Graphs Become Part of the Phoenix Project



Administration Module Allows Implementation and Enforcement of a Company's Policies and Reporting Requirements



Creating tables and figures for reports and presentations is as easy as placing AutoPilot workflow objects into the same Phoenix WinNonlin project that is used for the analysis of study data. The AutoPilot objects use the very same results that the scientist looks at for analyzing study data. AutoPilot will create high quality tables and graphs in a fraction of the time that it would take to finish this task manually. And though the process is automated, there are still choices that allow the user to optimize the output: The same easy-to-use Phoenix-like user interface allows for selection of PK parameters or descriptive statistics and specific tables, graphs, or text output to be generated or not. Finally, an integrated file explorer supports a quick review of the generated output and the transfer of files from the Phoenix project to documents, presentations or to the local file system.

## The AP Automation Object

- The AP Automation Object uses study data and analysis results as input and generates a broad variety of tables and graphs in report-ready quality using Microsoft Excel and SigmaPlot.
- The user can select types of analysis generated (e.g., stratifications by demographics, normalizations, statistics) and types of output objects (tables, graphs, or text), and initiates the run the click of a button. Results are displayed and can be reviewed within the Phoenix project with the integrated File Explorer or integrated
- For many output options, the user can make selections for a specific run within the constraints of the administrator-defined custom settings, allowing for greater analysis flexibility.

## The AP Comparison Objects

- The AP Comparison Objects provide the ability to compare multiple study data and results in a single run.
- The user can conduct comparative analyses over different dosing routes (bioavailability of IV vs. PO), different dosing regimens (accumulation of steady-state vs. single-dose), and multiple analytes (parent vs. metabolite).

## Administration Module

- AutoPilot Toolkit comes out of the box with a predefined set of selected tables and graphs and settings for formatting and business rules.
- The Administration Module allows customers to create one or multiple custom settings files which will reflect the requirements and SOPs of each research organization and of specific types of studies (for example, "ascending dose" or "drug drug interaction"). The powerful and flexible user-interface of the Administration Module allows extensive configuration of formatting, nomenclature, and business rules that apply in the generation of the analyses run by regular users.

## For More Information:

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