

# Pharmaceutical PK/PD Solutions

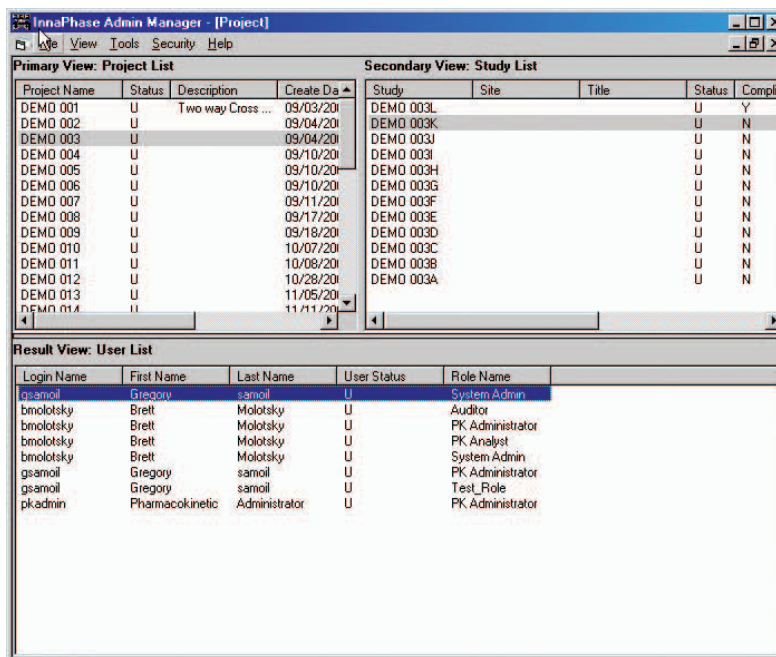
- Enterprise Pharmacology (EP) Series™ -- enterprise software system for centralized GLP-compliant management, analysis, simulation and reporting of PK/PD data in drug development
- Kinetica™ -- data analysis and reporting tool for non-compartmental to population PK/PD analyses; fully integrates with EP Series

Thermo Electron Corporation's EP Series and Kinetica are analytical tools designed specifically for pharmacokinetic/pharmacodynamics (PK/PD) research in drug development. EP is an application framework composed of an underlying database that interacts with a set of modules to rapidly integrate, analyze and report PK/PD data. EP's framework uses a regulatory-compliant user security and data-auditing layer, providing unparalleled data management and analysis within a secure database environment. EP comes installed with the latest version of Kinetica software, and supports other third-party tools such as SAS, Nonmem and WinNonlin.

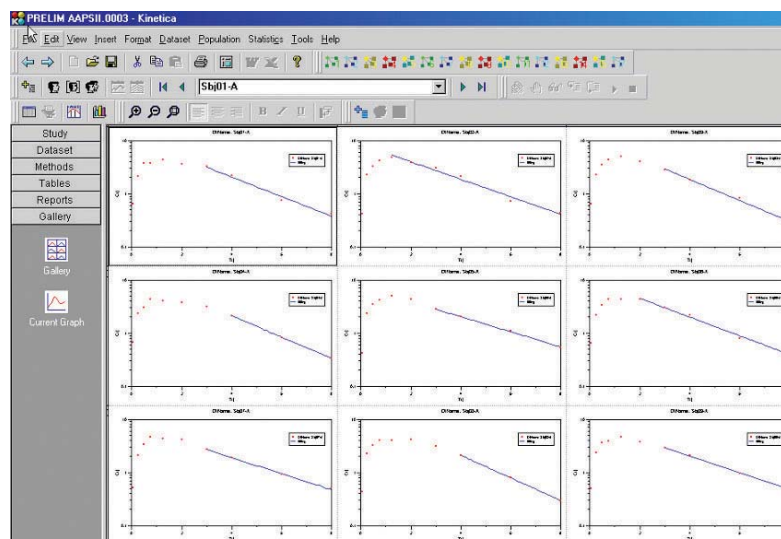
## Advantages of EP Series

- Highly configurable architecture based around a centralized Oracle database, managing any standard or multi-dimensional study structure. Stores raw data and computed parameters, and includes all analytical methods and user-defined options
- Monitors, logs and controls components of the system via compliant Application Programming Interface
- Customizable import and export modules and adaptable database-linking technology for interface with other corporate systems
- Data-mining tool for cross-study exploration and management of data stored in centralized databases.
- Includes Kinetica, Thermo's comprehensive PK/PD analysis tool with an intuitive user interface that allows scientists to perform a variety of analysis – from non-compartmental to population PK/PD – within a consistent, industry standard environment

Kinetica, sold separately as well as with EP Series, offers fast, high-throughput data analysis for clinical, preclinical, discovery, drug metabolism and drug delivery settings. Kinetica facilitates data analysis and reporting in a flexible environment.



Easily navigatable study administration and user account management



Powerful data analysis and reporting tool, Kinetica

## Advantages of Kinetica

- Non-compartmental, standard compartmental, population analyses, bioequivalence, graphing and reporting all in a single package
- Template format allows high-throughput analyses based on company SOPs for standardization
- Data and analysis information stored in single file
- Unit conversion and recognition of flagged data
- More than 60 validated templates for pharmacokinetic/toxicokinetic calculations