

FOR IMMEDIATE RELEASE:

Philadelphia, PA – May 28, 2003 — **bioKinetics** is excited to announce the release of Version 6.1 of K-TOPS™ plant simulation software. K-TOPS is a licensable event-based plant simulation technology designed to debottleneck production facilities quickly. Its innovative design allows users to input simple process steps, identify critical equipment bottlenecks and resource limitations, and determine valuable "what if" strategic change impacts. This technology has saved clients millions of dollars by optimizing plant designs and operations.

Version 6.1 includes the following enhancements:

- **Increased Speed**, up to 10 times faster than previous versions.
- **More Detailed Timelines** through improved Gantt chart capabilities:
 - Automated arrow drawing based on step name or delayed steps to highlight inter-equipment connections.
 - Creation of detailed unit operation information Gantt charts that reduce the amount of information on the chart and helps users see the critical (process) path.
- **Resource System Recipe Development** that instantly creates resource recipes based on identified resource usages and a template library.
- **Non-Consumable Histograms** that allow the user to "view the maximum resource values" over a longer time interval to analyze the potential for increased peak requirements due to schedule delays.
- **New Equipment Alternates Feature** that allows the program to select alternate equipment for use if primary equipment is unavailable.

To celebrate the release of K-TOPS Version, 6.1, we are inviting biopharmaceutical industry personnel in to participate in a WEB seminar and actually see K-TOPS in action. Dates for upcoming WEB seminars are June 12 @ 12 PM EDT, June 23 @ 3 PM EDT, July 11 @ 9 AM EDT, and July 22 @ 12 PM EDT. To register for a WEB Seminar, please contact Joe Weiss.

bioKinetics is the bioprocess engineering and modular equipment manufacturing division of the Kinetics Group, Inc. With office and manufacturing locations in key biotechnology markets throughout the US and Canada, bioKinetics provides process and facilities engineering and simulation, design and manufacturing of custom process equipment, and design/build delivery of critical process systems and facilities for the biopharmaceutical industry.

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