METSIM® Features

METSIM® has no limits for how a process simulation can be created. With full access to the APL keyboard, a simulation can be as advanced or simple as desired. METSIM® can create mass balances from design criteria, equipment sizing data, steady state mass and energy balances, dynamic simulations for any time dependent parameters or schedules, and parameterization from existing plant data. METSIM® is a user-friendly software with a full graphical interface and program menus designed for users to build robust models that converge quickly. An extensive help file is available for users to further understand unit operations, functions, and criteria. METSIM® allows you to easily edit and adjust stream and unit operation data, utilize APL for customization and control, and analyze specific unit operations or sections independently. METSIM® utilizes multiple types of controllers (i.e. feedback, PID controller, logic/expert system controllers, etc.) and instrumentation to accurately represent and track real time data. Extensive thermodynamic information, chemical kinetics, and phase equilibrium of the eight phases of state are available and continually improved in the existing database; however, METSIM® users have the ability to add or amend this data. Detailed budgeting can be analyzed in METSIM® including mine capital and plant operating costs. Lastly, METSIM® is designed to improve seamless compatibility with other programs including Excel, InTouch, and AutoCAD.