

Better Supply Management

Advanced Planning and Scheduling (APS) and Supply Chain Management (SCM) activities consume significant resources, and when done well, offer rewards far in excess of the effort spent. Advanced Process Combinatorics has developed a vertically integrated set of high-powered software tools, called VirtECS, to help perform these tasks. VirtECS offers more courses of action and better solutions to harder problems than available elsewhere and can be expanded at a rate matching that of software technology development.

The core of this system is a unifying representation from which models for any member of the VirtECS Software System family can be driven. The result is that regardless of whether performing Design, Planning, or Scheduling, the data set has an identical base. Each tool augments this base with information relevant only to the task at hand. Streamlined integration has never been easier and the software allows a diverse set of interests (and various levels of detail) to communicate on a common ground. Each VirtECS Software tool is structured to address a different level of detail.



VirtECS has the potential to revolutionize sustainment for the Army through logistics information dominance. This will enable the tactical commander to shorten the operation decision cycle and optimize resources through complete access to automated logistics data down to the lowest level.

- ◆ Revenue in excess of \$4.5M
- ◆ Partnered with Coca-Cola to scale business in one area
- ◆ Technology used to develop VirtECS broadly applicable to Future Combat Systems