

## **Equipment Cost of Ownership Prediction Utilizing Comprehensive Life Cycle Modeling and Simulation**

*Austin, TX*

Decision makers in the defense, power, and transportation industries are faced with the continuous challenge of understanding future impacts on, and variability of, service business costs. They must have forward thinking and proactive decision support tools to help them analyze operational availability and risks that may reduce that availability and increase costs. Clockwork Solutions' predictive modeling tools help these leaders to minimize risk while increasing profitability.

To name a few; features of CSI prediction tools include:

- Database structure provides for plug-ins and simulation of numerous systems and platforms
- "What-if" simulation scenario management for analysis of life cycle sustainment forecasts
- Optimization of Parts Requirements
- Operations variations by location
- Unit Level Life Cycle Costs
- Overall Life Cycle Costs

Clockwork is fast becoming the number one source for Prediction modeling software driven tools in the industry. Clockwork Solution's comprehensive training courses are conducted by senior level analysts and are provided in a synergistic learning environment to optimize the student experience. Vast arrays of topics are covered including modeling and simulation as a PBL decision support instrument.



*Students at Austin, TX HQ- Learning system initialization and showing impact of component ship time in logistic response time.*

### **About Clockwork Solutions** ([www.clockwork-solutions.com](http://www.clockwork-solutions.com))

Clockwork Solutions develops and markets advanced availability and life cycle performance modeling and simulation products and provides modeling support and consulting services. Clockwork is proud of the work it is doing across the defense services to improve supportability of systems through performance based modeling and forecasting.

Clockwork Solutions' proprietary modeling technology, SPAR™, uses unique Monte Carlo algorithms to build comprehensive, reliability-based predictive models of complex assets and their operational and logistical environments, such as a fleet of aircrafts, missile systems, a power plant and its distribution system, a group of chemical plants, etc.

Clockwork Solutions' customers include the US Army, the US Marine Corps, Lockheed Martin, Raytheon, EADS Astrium, the Israeli Defense Forces, GE Aircraft Engines, Chevron, ConocoPhillips, and many others. Clockwork Solutions, Inc. is headquartered in Austin, TX, with and is owned by Formula Vision (TASE: FVT).

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