

## **Clockwork Solutions Highlighted at the 2008 IDGA Performance Based Logistics Conference**

*Austin, TX*

Clockwork Solution sponsored and participated in the 2008 IDGA [Performance Based Logistics](#) Conference, held in Alexandria, VA. This premier PBL event focused on key issues in servicing contracts, acquisitions, infrastructure and supply chain. Clockwork Solutions provided insight and information on life cycle supportability risk forecasting products and solutions currently being fielded in support of US defense systems. In addition, a workshop was presented where a discussion and case studies were used to highlight the application of supportability modeling and simulation for effective PBL management



“We have focused our technology development investments towards the continued advancement of predictive modeling and simulation in order to provide the defense industry with comprehensive fleet and vehicle risk assessment capabilities.”, stated Sean Connors, President of Clockwork Solutions, Inc. “We are providing ‘living’ predictive models that make significant use of developing and growing data sets to include maintenance, operations, supply and diagnostics. The weapon system and it’s support environment are

alive, changing every day. It’s our job to capture those dynamics, process them through a comprehensive cause and effect modeling framework, and ultimately help our customers to spend every dollar in the life cycle as effectively as possible.”

### **About VisualSPAR™**

VisualSPAR™ is designed to streamline and enhance the entire SPAR™ modeling platform, from model construction and verification, organization of scenario analysis studies to reporting and model results presentations. Introduction of several benefits to the systems life cycle model include: more flexible modeling environment; ability to deploy model applications to users; efficient debugging; database connectivity; ability to integrate Microsoft-based applications; capability to merge separately developed models.

### **About ATLAST™**

ATLAST is a technology developed to assist weapon systems managers with the task of evaluating, quantifying and reducing life cycle supportability costs without adversely impacting fleet readiness and availability. It is used to predict performance metrics within operations, maintenance and supply for a single asset or series/fleet of assets. This model application provides an integrated systems approach to modeling the dependencies between an asset's ability to achieve desired operating hours and the ability of the repair and supply capabilities to respond to the demands resulting from those operations.

#### **About SPAR-PHM™**

Clockwork Solutions applies the Proportional Hazard Methodology (PHM) as a probabilistic survival analysis tool to support the periodic adjustment/refinement of equipment failure rates. This technique provides a basis for identifying factors (covariates) influencing aging and degradation of equipment. Inclusion of these types of covariates within a PHM analysis actually produces a family of lifespan distributions that portrays the probability of survival across time of a sub-population within the overall population.

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

Clockwork Solutions develops and markets advanced performance based 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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