



## CSI Completes M-ATV Provisioning Study

*Austin, TX*

Clockwork Solutions, Inc. (CSI) continues to assist the United States Marine Corps in their efforts to maximize fleet availability while streamlining repair part costs for combat vehicles. The most recent comprehensive predictive modeling study supported the Mine Resistant Ambush Protected (MRAP) All Terrain Vehicle (ATV), or M-ATV fleet. With hundreds of vehicles in the field and thousands more in production, the study identified a \$44.5M cost-avoidance and simultaneous 50% increase in fleet availability by re-aligning planned part buys to probable unscheduled maintenance.

CSI's expertise in the area of vehicle logistics for the defense industry is proving to be remarkably accurate, using the proprietary, highly accurate Total Life Cycle Management Assessment Tool (TLCM-AT™). Once the base model has been built for a particular vehicle, additional studies can follow with consistent, detailed output.

For more details on this project and others, please feel free to view the [Case Studies](#) page.

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

Clockwork Solutions develops and provides advanced availability and life cycle performance modeling and simulation technologies and conducts 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 fleet/system discrete event simulations 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, JPO MRAP, 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.

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