

SPAR Models Solve Spares Problem for L-3 Communications subsidiary

Austin, TX

Clockwork Solutions, Inc. announces the completion of a project to deliver limited general modeling and simulation consulting services for Communications Systems-West (CS-West). CS-West is a subsidiary of L-3 Communications (NYSE: LLL), part of the L-3 Integrated Systems group. Clockwork utilized its advanced discrete-event predictive modeling and simulation methods (SPAR models) to forecast spares, provisioning, maintenance, repair and overhaul requirements for select and highly complex space-related communications and radar tracking systems, and their associated components.

The VisualSPAR Modeling capability was used specifically to generate the aggregate optimized spares requirements for the element/components, and helped establish performance metrics required to monitor supportability performance for specific space-systems.

Additionally, Clockwork assisted CS-West in collecting data in line with established metrics, performed assessments to identify supportability variability, identified causes of that variability, published lessons learned, incorporate latest configuration changes and data updates to facilitate future spares assessments. Recommendations were made as a result of this study to define the way-ahead for implementation of a comprehensive system-wide approach to forecasting spares-provisioning requirements.

About Clockwork Solutions (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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