

Clockwork Solutions Logistics Optimizer LogOp™ Release 2.2 has been certified by SAP.

Austin, TX

Clockwork Solutions today announced that its Logistics Optimizer LogOp™ Release 2.2 has been certified by SAP.

Predicting the required stock level to be provisioned for any support logistic network is a critical element for service providers. Improper stock level calculation results in spending a significant amount of money on unneeded parts, or achieving poor customer's satisfaction due to the lack of needed parts. Stock level calculation is aimed not only to determine the initial stock level to be used for supporting systems performance, but also the continuous level of stock that should be maintained in each depot at each level of support, in order to fulfill accepted performance objectives over time. Clockwork Solutions' Logistics Optimizer LogOp™ provides a comprehensive solution for stock level calculation for complex support logistic networks.

LogOp is a management decision support application which allows optimizing the required stocking level for distributed logistic networks. LogOp enables planning the spare parts stocking levels required to support customers' requirements, while guaranteeing customers' satisfaction.

LogOp adds value to organizations that need to know how many spares should be held, or requested, in order to achieve required performance levels. Similarly it is useable for the equipment manufactures (OEM) or support-service providers in calculating the required stock levels that will enable achieving the committed target performances.

LogOp and SAP

LogOp Release 2.2 is an SAP-certified composite application. LogOp's User Interface in the SAP Portal enables creating scenarios which capture a snapshot of the system logistics, plant, and material data. These user-created scenarios can be executed at any time to provide the optimized stock levels.

LogOp provides various output data, including the general fleet performance data, the performances level versus inventory cost; and the recommended stock level for each Material at each Plant. The accepted stock level can be saved back to the customer's SAP system.

LogOp Optimization

LogOp uses the unique Clockwork's hybrid method and algorithms for its optimization process. At the basis it runs a Monte-Carlo simulation (VisualSPAR™) to forecast the logistic behavior of the support network for a fleet of systems. A sophisticated analytical model calculates the relationships between the stock levels and the fleet performances. This analytical calculation assists in predicting the best spare level to be held.

Using the simulation and the analytical model alternately enables reaching an optimum stock level while gaining from the power of both methods: the rapid solution of the analytical calculation, and the accuracy of the Monte Carlo simulation results.

To learn more about LogOp, contact LogOp-info@clockwork-solutions.com please

About Clockwork Solutions (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, VisualSPAR™, 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, Sikorsky Aircraft, Bell Helicopter, EADS Astrium, the Israeli Defense Forces, GE, Chevron, ConocoPhillips, and many others. Clockwork Solutions, Inc. is headquartered in Austin, TX, with an R&D center and International operations headquarters in Israel. Clockwork Solutions is owned by Formula Vision (TASE: FVT).

About SAP-Certified Composite Applications

Composite applications that are "SAP® xApps™ Certified" enable continuous business innovation. They are highly dynamic and adaptable and give companies the flexibility to respond quickly and profitably to business change without disrupting their IT investments. Powered by the SAP NetWeaver® platform, SAP-certified composite applications help organizations in a variety of industries automate both large and small business processes spanning multiple functional areas.

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