



## The Israeli Air Force Acquired SPARopt™

*Herzliya, Israel - Nov. 28, 2002*

The Israeli Air Force (IAF) purchased and deployed SPARopt, the proprietary spare parts optimizer of Clockwork Solutions. A companion product of SPAR™, Clockwork Solution's world-class predictive modeling technology, SPARopt provides unique functionality, allowing decision makers to evaluate the relations between availability of complex systems and the costs of spares.

“SPARopt is the only optimization/simulation tool that is capable of calculating optimal spare part list and estimating operational system availability based on Monte-Carlo simulation” said LtC Eran Reuveny, the IAF POC. “We intend to utilize SPARopt, in conjunction with SPAR, for the provisioning of complex system architectures”.

SPARopt is easy to use and understand, featuring an intuitive User Interface (UI) centered around a graph of Unavailability vs. Cost, and a pair of corresponding tables for Stock Effectiveness and Sparing Strategy. The graph provides a natural way to understand the problem and compare alternative solutions, and the tables allow for in-depth data analysis.

Using SPARopt™ you can:

- Minimize the cost of reaching a system performance goal
- Maximize System Performance with a given spares budget
- Perform Sensitivity Studies – Examine how changes in cost data affect the optimized spares policy
- Run Unconstrained Optimization – SPARopt™ generates a ranked spares effectiveness table

For more information on Clockwork tools and services, contact us at 512-338-1945 or [info@clockwork-solutions.com](mailto:info@clockwork-solutions.com)

**[Link to SPARopt Product Announcement](#)**