

CORPORATE INFORMATION

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Introduction

Clockwork Solutions is a leading services and applications provider of asset management solutions to help decision makers meet business objectives by improving performance and reducing life cycle costs of complex expensive assets. Clockwork Solutions is focused on obtaining useful solutions for clients facing problems in the following areas:

- **Performance Based Logistics (PBL)** – A sustainment strategy for asset support that employs the purchase of support as an integrated, affordable performance package designed to optimize system readiness throughout the system life cycle.
- **Readiness Based Sparring (RBS)** – A modeling process used to compute optimum requirements to support a specified system readiness or cost objective, in which a reliability block diagram is developed for the system and simulations run to determine which components are most often responsible for the system becoming unavailable.
- **System of Systems** – A set or arrangement of interdependent interconnected systems intended to provide a given capability, in which a loss of any part of the system affects the performance of the entire system.
- **Condition Based Maintenance (CBM)** – Retrieving and utilizing data gathered from real-time sensors and data acquisition hardware/software already built into the system, combined with commercial off-the-shelf (COTS) software programs, to perform diagnostics and prognostics regarding equipment failure to predict critical equipment failures before they occur.
- **Contractor Logistics Support (CLS)** – The process by which a single vendor manages the overall logistics process, achieving a long-term relationship and providing multiple services utilizing total cost perspective.
- **Reliability, Availability, and Maintainability (RAM)** – A measure of the probability that an asset might fail unexpectedly (Reliability), might not function when called upon (Availability), or that it is not repairable in a timely, cost efficient way (Maintainability).
- **Design for Supportability** – Approaching the initial design of a system and manufacturing practices in such a way that considers the asset's entire life cycle from the beginning rather than retrospectively, once the system is in place.
- **Fleet Management** – Planning, implementing, and controlling the efficient, effective operations of your fleet of vehicles or other equipment.

- **Risk Based Inspection (RBI)** – A proactive approach to maintenance, in which inspections and maintenance are performed based on a risk of failure assessment.
- **Life Cycle Management (LCM)** – Managing the complex relationship between total Life Cycle Cost (LCC), changing performance levels throughout the life of the asset, and the probability or risk of not meeting performance goals.

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