



Metrics: Are They Taking You here You Need To Go?

Sustainment Metrics

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Performance Based Logistics (PBL)

- **Purpose:** Optimize weapon system support to meet warfighter needs.
 - Primary tenets are documentation of warfighter performance requirements as measurable metrics in Performance Based Agreements (PBA).
- **Move to Enterprise-wide Outcome-based Framework**
 - Aggressively implement performance outcomes in both the Public and Private support base.
- **Across the Life Cycle**
 - Standardized Outcome-based Metrics.
 - Defined early in the Acquisition Process.
 - Facilitating cross-functional integration.
 - Capabilities-based requirements (Joint Capabilities Integration and Development System (JCIDS)).
 - Sustainment Key Performance Parameter (KPP).
- **Build On Successes**
 - Performance Based Acquisition and Performance Based Logistics.
 - Continuous Process Improvement (CPI).
 - Integrate with other initiatives.
 - Lead Performance Driven Outcomes (PDO) Implementation With Materiel Availability.

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Life Cycle Sustainment Metrics

- **Material Availability**
- **Material Reliability**
- **Ownership Cost**
- **Mean Down Time**



- **Material Availability (KPP)**: Measures the percentage of the total inventory of a system that is operationally capable of performing an assigned mission. Establishing Material Available as a Sustainment Metric provides the program manager with both a goal to be achieved, and a trade space to be optimized to ensure Materiel Readiness for the Warfighter.



- **Matériel Reliability (KSA)**: This critical metric is established as a Key system Attribute (KSA) to ensure that systems deliver the required level of reliability. It is expressed as mean time between failures, the probably that the system will perform without failure over a specific interval.



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- **Ownership Cost (KSA)**: Provides balance to the sustainment solution by ensuring that the Operations and support cost associated with Materiel Readiness are considered in making program decisions. This includes the maintenance and repair of parts that break without taking the system down.

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- **Mean Down Time:** Measures the length of time that an asset will not be available due to any reason.