



### Global Presence



- NAVSTA, CA
- MARFOR 29 Palms, CA
- Yuma, AZ
- Fort Huachuca, AZ
- Fort Bliss, TX
- Red River, A.D., TX
- Fort Polk, LA
- Redstone Arsenal, AL
- Madison, AL
- Huntsville, AL
- Fort Rucker, AL
- Fort Sill, OK
- Louisville, KY
- Fort Campbell, KY
- Cincinnati, OH
- Letterkenny A.D., PA
- Tobyhanna A.D., PA
- Fort Lee, VA
- Fort Belvoir, VA
- JMRC, GE
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- Baghdad, IQ
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## Business Case Analysis

Performance Based Logistics.  
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Helping you make informed decisions.



LogiCore is a proud provider of Business Case Analyses (BCAs) for our Military customers.

A Type I BCA begins as a Feasibility Study used to support Performance Based Logistic (PBL) strategy decisions. A BCA is a useful tool which assists the customer in refining decisions which must be made in order to achieve a system's or end-item's optimum sustainment.

A BCA is, in many ways, a life-cycle analysis and includes, but is not limited to: performance, production feasibility, reliability, maintainability, supportability, and enhancements of these components. After a product's feasibility has been determined, the customer should identify which production and support options provide optimum mission performance. This requirement leads to an expanded BCA (Type II) which provides the highest level of detail about a product's life-cycle as well as expanded cost/benefit analyses.

The final result of a BCA is a formal document that provides the justification for the level needed to achieve the Product Support Objectives specified in a Performance Based Agreement. The BCA documents and supports alternatives that were considered, details the factors involved in support agreements, and depicts the tangible and intangible benefits of the overall production, fielding, maintenance and support strategy for an item.

The following is a brief summary of BCA components:

### Executive Summary

A brief synopsis of the overall BCA which provides an abstract of the situation and the overall plan being considered; usually does not exceed two pages in length.

### 1.0 Introduction/Overview

Describes BCA purpose and helps define elements within the document

### 1.1 Subject, Purpose and Objectives

Describes the desired "end-state"

### 1.2 Background

Explains current state of the situation and details problems that need to be resolved

### 1.3 Organization

Provides background in organization, industry or market conditions creating project drivers

## 2.0 Methods and Assumptions

### 2.1 Major Assumptions

Explanation and description of elements for which critical data is lacking that affects the BCA

### 2.2 Scope and Boundaries

Defines BCA range (i.e. time) and limits, as well as rules governing them

### 2.3 Financial Metrics Used and Defined

Identifies desired outcome

### 2.4 Analysis Methodology

Financial Metrics, Performance Metrics, and other decision-making criteria

### 2.5 Cost and Benefit Models

Explanation of Cost Types and Categories

## 3.0 Business Impacts

### 3.1 Description of Alternatives

Description of all considered alternatives and their impact(s)

### 3.2 Costs & Benefits over Time/Financial Analysis

Translation of resource requirements into a dollar figure over the project life-time

### 3.3 Non-quantitative Factors, Criteria, and Rationale for their use

Captures intangible factors such as morale, compatibility, improved quality, etc.

### 3.4 Comparison of Alternatives (Quantitative and Qualitative)

Quantifies alternatives in order to capture them in cost/benefit calculations and then provides a narrative discussion of advantages and disadvantages

## 4.0 Sensitivity and Risks

### 4.1 Sensitivity Analysis

Analysis of uncertainties and unknowns on the ranking of alternatives and measures the percentage of possible change

### 4.2 Risk Analysis

Examines the probability observed results will fall within a pre-determined range

## 5.0 Conclusions and Recommendations

### 5.1 Conclusions

Provides a synopsis of the BCA

### 5.2 Recommendations and Rationale

Provides closure to the BCA, begins the transition to the selected support strategy and provides justification and supporting information for the recommendations

### 5.3 Implementation Plan

Details the plan for the execution of the supportability strategy

### 5.4 Verification (of Facts and Data)

Describes the verification of the facts and data within the BCA