

Case Study: Capability Based Assessment

The Challenge:

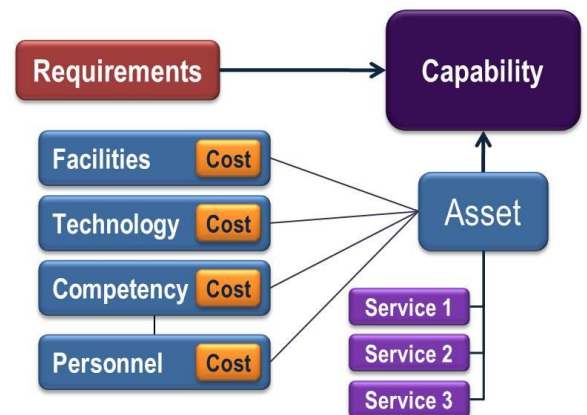
Ensure NASA sustains its most important capabilities by managing them holistically and strategically to accomplish national objectives.

Capability Portfolio Management (CPM):

NASA adopted a CPM approach to address this challenge. CPM is the process of integrating, synchronizing, and coordinating capability needs with current and planned investments within a capability portfolio to better inform decision making and optimize corporate resources.

Our Approach:

Information Dynamics developed a Capability Based Assessment (CBA) methodology to help NASA address its strategic management challenges. CBA provides the Agency with a mechanism to examine the current state of its capabilities, identify gaps, and capability excesses for a specified operational area. The findings produced from a CBA demonstrate how well the assessed capability, or combination of capabilities, will support a desired outcome.



Our five step CBA methodology involves:

1. Information mining and discovery
2. Developing the Current State Architecture
3. Developing the Target State Architectures
4. Conducting a Gap analysis
5. Develop a Transition Strategy

Outcomes

- A common lexicon for the Agency portfolio of capabilities and the readiness levels of each capability
- An understanding of strategic interdependencies
- Minimization of capability redundancies and gaps
- Maximization of capability effectiveness through assessments of capability mix
- Ability to measure strategic outcomes

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