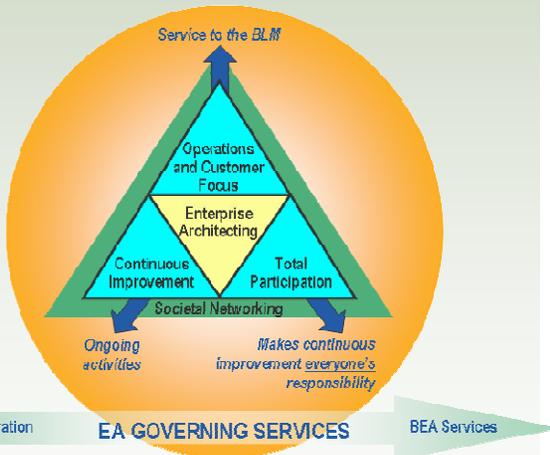


What are the EA challenges?

The true challenge of EA is maintaining the architecture as a primary resource and service for business owners by enforcing policy and providing valuable information. Since the BEA Team has been involved in the blueprint process, it is the logical place to provide support throughout the Capital Planning Investment Control (CPIC) lifecycle. The CPIC lifecycle helps better utilize available funds to achieve future goals and objectives. These available funds have been diminishing yearly by direction of the Office of Management and Budget (OMB). Continuing funding issues require organizations to “do more with less.” It is very important that, with differing cultures, we collaborate and make change with success, fostering good practices and staying on top of emerging technology along the way. By working hand in hand with employees in accomplishing our core business functions, made easier through best practices in IT, we will all be driving positive change in BLM. ✨



“Enterprise Architecture is not a product, but a Service”

BLM Enterprise Architecture is Actionable

The BEA Team recommends, encourages, convinces, motivates, and assists the business managers to improve processes and performance results through real action and services. They are “doing architecture” with the BLM by creating architecture services that recommend planned change within BLM organizations. ✨

The architecture team uses the OMB’s Federal Enterprise Architecture (FEA) concepts to create its products. The FEA is a set of interrelated reference models (or templates) that were designed to help the government transform into a more people, service and market-oriented business. ✨

To learn more about departmental Enterprise Architecture within the Federal government and BLM, view the following useful resources:

CIOC Guide to Enterprise Architecture
<http://www.cio.gov/archive/bpeaguide.pdf>

DOI Enterprise Architecture
<http://www.doi.gov/ocio/architecture/>

Federal Enterprise Architecture
<http://www.doi.gov/ocio/architecture/>

BLM Enterprise Architecture Website
<http://www.blm.gov/>

BEA Spotlight Tidbit
<http://web.blm.gov/bea/comm/index.htm>
(BLM Intranet)

Understanding BLM Enterprise Architecture

Assistant Director for Information Resources Management
Division of Program Management
BLM Enterprise Architecture
303.236.8915
April 2006

Providing business improvement and information technology alignment with the BLM business



What is the Enterprise Architecture (EA)?

The EA establishes the BLM roadmap to achieve its mission through optimizing core business processes within the most efficient IT environment. *

Why do you need EA services?

- ◆ **Alignment**—ensuring the enterprise is aligned with management's intent and needs.
- ◆ **Integration**—ensuring business rules are consistent across the organization; data and its uses are unchangeable; interfaces are standardized; and connectivity and interoperability are managed across the enterprise.
- ◆ **Change**—facilitating and managing change to any aspect of the enterprise.
- ◆ **Development Time**—reducing systems development, applications generation, modernization timeframes, and resource requirements.
- ◆ **Convergence**—striving toward a standard IT product as contained within the Technical Reference Model (TRM). *

What are the benefits of EA?

- ◆ Captures business facts to promote better planning and decision making,
- ◆ Improves communication,
- ◆ Provides architecture perspective to help communicate complex systems;
- ◆ Focuses on emerging technologies;
- ◆ Improves consistency, accuracy, timeliness, integrity, quality, availability, access and data sharing;
- ◆ Supports Capital Planning Investment Control (CPIC) processes from lifecycle start;
- ◆ Highlights greater quality and flexibility into applications without higher cost;
- ◆ Provides mechanisms for sharing services;
- ◆ Expedites integration of old and new systems;
- ◆ Ensures legal and regulatory compliance. *

What are the architecture key activities?

The architecture team responds to business challenges by providing key services like:

- ◆ Business architecture
- ◆ Data standards and modeling
- ◆ Modernization Blueprints for business transformation
- ◆ Applications architecture
- ◆ Technology recommendations using the BLM's ETRM
- ◆ Governance integration
- ◆ Repository support

How do we respond to business challenges?

We do this by helping to:

- ◆ Reduce costs;
- ◆ Increase quality;
- ◆ Reduce cycle time; and
- ◆ Improve customer service.

What is the process for doing this?

The business and data architecture teams do this by:

1. Documenting current business processes;
2. Evaluating potential improvements;
3. Documenting recommended processes and data requirements; and
4. Developing short and long-term recommendations.

What are the results of our response?

By providing either:

- ◆ **Business Process recommendations** to implement process improvements, document policy changes, document/update SOPs, manuals and training guides;
- ◆ **Technology recommendations** as evaluated by the IT Investment Board (ITIB).

Altogether, the results are geared toward improving performance, reducing redundancies, building business processes, and leading to best practices. *

About Modernization Blueprints

The blueprints provides a portion of the BLM's target architecture. The blueprints guide investment decision-makers, project planners, systems designers, and programmers on the recommended way to structure IT investments. Blueprints include EA transition plans—these plans are designed to provide line of business-specific milestones to more effectively integrate IT into current and future business. The Applications Architecture team has been working with WO-200 to implement a blueprint recommendation for cross-cutting services. This effort will reduce redundant data management efforts and costs across IT systems and improve reporting accuracy for BLM users. *

BLM Exceptions Technical Reference Model (ETRM)

A single point of reference for technology standards, best-practices, policies and products used to make business more efficient and streamlined in the BLM. The latest edition of the ETRM was published December 2005 and was written based upon the DOI TRM, V3.0. The ETRM can be found on the BEA website. *