Agency EA Self Assessment Use Instructions Currently Under Development

Please check back shortly. EA Assessment Framework begins on the following page.

Agency Enterprise Architecture Assessment

Agency:	
Agency EA Date:	
Evaluation Date:	

Change	Description: Facilitating and managing change to any aspect of the enterprise.							
	No evidence presented	EA is initial, informal, and ad-hoc	Formal but basic, follows some best practices	EA is beginning to be operationalized across the enterprise (i.e. part of transition, CPIC, budget)	EA is operationalized and provides performance impact to business operations	IT planning is optimized through the EA		
	Level 0	Level 1	Level 2	Level 3	Level 4	Level 5	Assessment Value	Rationale
A. Architectural Approach	No evidence presented	EA identifies an architectural approach. (framework i.e. Zachman c4isr, etc)	Key stakeholder business drivers are documented.	The transition plan describes some portions of the changes needed to transition from As-Is to target; and information value chain model (operational views).	Process for identifying, managing, and closing gaps between target and current state is well documented within the EA.	The EA demonstrates a relationship of the transition, target, and gap closure to investment planning and execution.		
B. Strategic Direction	No evidence presented	EA demonstrates agency Head and stakeholder buy-in is documented, EA demonstrates management structure and control is established.	The EA defines an architectural processes, and presents a baseline architecture.	The EA defines a target architecture. EA defines change and risk management strategy or approach.	The EA defines a transition and sequencing strategy and plan. EA defines a communications strategy.	The EA demonstrates application of the EA for purposes of creating and maintaining investment programs. The EA demonstrates an implemented process for managing changes and updates to the EA.		
						Section Value	0.00	

Agency Enterprise Architecture Assessment

Agency:	
Agency EA Date:	
Evaluation Date:	

Integration	**Description: Realizing the business rules are consistent across the organization, the data and its use are certain, interfaces and information flow are standardized, and the connectivity and interoperability are managed across the enterprise.**							
	No evidence presented	**EA is initial, informal, and ad-hoc**	**Formal but basic, follows some best practices**	**EA is beginning to be operationalized across the enterprise (i.e. part of transition, CPIC, budget)**	**EA is operationalized and provides performance impact to business operations**	**IT planning is optimized through the EA**		
	Level 0	**Level 1**	**Level 2**	**Level 3**	**Level 4**	**Level 5**	**Assessment Value**	**Rationale**
A. Interoperability	No evidence presented	Interoperability standards are defined at a conceptual basis (list of standards that are non-proprietary, i.e. patterns, web services, etc).	Interoperability standards are defined at the business function level, and are aligned to the TRM and SRM.	Interoperability standards are defined through patterns and are related to business functions. Business functions are aligned to components and services at the enterprise level.	Interoperability and sharing of information is one of the backbones of the target architecture.	Using common interoperability standards, the EA demonstrates the ability to link and integrate common technologies and business processes.		
B. Data	No evidence presented	Data architecture is broadly defined and not linked to other portions of the architecture.	Data relationships, interdependencies, and definitions are defined at a conceptual level.	Common and defined approach to integrating data with business processes and mission priorities is defined and used throughout the EA.	The target architecture reflects a transition plan and judgment on the data required for the future state.	EA demonstrates its ability to increase integration and promote the re-use of data within the enterprise and across other agencies. (linkage of data to common components, business functions (BRM)).		
C. Business Logic	No evidence presented	Standard business rules (logic) are broadly defined and conceptual in nature.	Business rules are integrated and described for portions of the architecture.	Business rules are integrated and described throughout all portions of the architecture.	The transition strategy describes the changes required to business rules.	The EA demonstrates the results of viewing common business rules across the enterprise and across other agencies (integrated with the SRM).		
D. Interface	No evidence presented	Interface components and requirements are broadly (conceptually) defined.	Detailed external interface descriptions are contained within the EA.	Some form of a "node" diagram depicts inter-relationships between interfaces and business functions.	Interface descriptions and "node" diagrams are integrated with performance measures. Interfaces are represented at the enterprise and function levels.	The EA demonstrates the establishment of common components that are integrated through well defined interface requirements.		
						Section Value	**0.00**	

Agency Enterprise Architecture Assessment

Agency:	
Agency EA Date:	
Evaluation Date:	

Convergence	**Description: Striving toward a standard IT product portfolio as contained in the Technical Reference Model (TRM).**							
	No evidence presented **Level 0**	**EA is initial, informal, and ad-hoc** **Level 1**	**Formal but basic, follows some best practices** **Level 2**	**EA is beginning to be operationalized across the enterprise (i.e. part of transition, CPIC, budget)** **Level 3**	**EA is operationalized and provides performance impact to business operations** **Level 4**	**IT planning is optimized through the EA** **Level 5**	**Assessment Value**	**Rationale**
A. Components	No evidence presented	The EA defines components at a high level of definition.	The EA defines components and shared services throughout the enterprise.	The EA uses services, components, and interoperability relationships to describe portions of the architecture.	The EA is described using services, components, and interoperability relationships through all artifacts and is described across all relationships.	The EA uses services, components, and interoperability relationships to describe transition and investment decision processes and to present a service/component enabled target architecture.		
B. Technical Platform	No evidence presented	EA contains TRM definitions only.	EA defines a high-level linkage to services and technology.	EA defines and integrates TRM with a view of services, which begins to show patterns.	EA provides an inventory of TRM and services, with a view towards identifying redundant TRM and service components (inter-relationships are described).	EA links all artifacts to TRM and services, and provides the ability to view redundancy across all EA products based on any TRM or service component.		
C. Performance	No evidence presented	EA conceptually defines performance measures.	EA links performance measures to some portions of the architecture segments.	EA defines detailed performance measures and links them to service and technical portions of the architecture.	EA defines detailed performance measures and links them to all technical and service layers of the architecture (clear relationship between performance measures and technical and service layers)	EA defines detailed performance measures, links them to all technical and service layers, and integrates performance measures with transition and investment planning		
D. Security	No evidence presented	Security standards are conceptually defined within the EA.	EA aligns security standards to the TRM.	Security standards are integrated within portions of the components/ applications/and technologies.	Security standards are tightly defined within all levels of components/applications / technologies.	Security standards are tightly defined and are presented as part of the transiton planning and investment analysis portions of the EA.		
						Section Value	**0.00**	

Agency Enterprise Architecture Assessment

Agency:	
Agency EA Date:	
Evaluation Date:	

Business Alignment	**Description: Ensuring the practices of the enterprise are aligned with strategic management intent.**							
	No evidence presented **Level 0**	**EA is initial, informal, and ad-hoc** **Level 1**	**formal but basic, follows some best practices** **level 2**	**EA is beginning to be operationalized across the enterprise (i.e. part of transition, CPIC, budget)** **Level 3**	**EA is operationalized and provides performance impact to business operations** **Level 4**	**IT planning is optimized through the EA** **Level 5**	**Assessment Value**	**Rationale**
A. Strategic Goals	No evidence presented	EA contains high-level strategic goals.	EA captures and depicts facts about functions, processes, and linkages/relationships or interdependencies.	Describes and depicts the linkage between internal business components and the achievement of business and customer-centric outcomes.	Establishes manageable and measurable performance objectives and demonstrate improved resource allocation decisions.	Business-IT value chain analysis has been performed (i.e. Redundant investments and common business services identified).		
B. Business Target	No evidence presented	The EA defines conceptual target business functions (BRM).	Establishes a common vocabulary for describing the business context of the enterprise.	Describes a business vision which links the business vision to technology and target architecture.	The EA describes comparative determinations of which investments/programs/ orgarizations are more efficient and effective through an alignment analysis.	The EA demonstrates the results or changes to business operations through alignment of investments and programs. (i.e. successful implementation of portions of the target architecture)		
						Section Value	**0.00**	

Total Assessment Value:	**0.00**

United States Department of the Interior

OFFICE OF THE SECRETARY
Washington, D.C. 20240

APR 2 8 2004

MEMORANDUM

To: Chief Information Officer, Bureau of Land Management
Chief Information Officer, Minerals Management Service
Chief Information Officer, Bureau of Indian Affairs
Chief Information Officer, Office of Special Trustees

From: W. Hord Tipton
Chief Information Officer

Subject: Enterprise Architecture Assessment Framework

The Office of Management and Budget (OMB) has recently established a new Enterprise Architecture (EA) assessment framework that will be applied to all federal agencies (Attachment 1). The Department of Interior (DOI) is required to provide a self-assessment of its EA program to OMB by May 15, 2004. In order to comply with this requirement, each bureau and office with EA funding greater than $500,000 in 2004 is required to submit their self-assessment using Attachment 1 for its bureau-specific EA program by May 7, 2004, for consolidation into the DOI response.

Over the past year DOI has made major advancements in developing a unified and comprehensive EA program with supporting methodologies for developing modernization blueprints for Interior's lines of businesses and functional areas (e.g., Wildland Fire Management and Law Enforcement). These blueprints will result in recommendations to minimize system redundancies and improve data sharing and interoperability. Although bureaus and offices are participating in the development of these blueprints which are being spearheaded by the DOI OCIO, there are several bureau-level EA programs that are performing like analysis for functions at the bureau-level (e.g., oil and gas leasing) and other EA related efforts. OCIO is seeking to mature the Interior EA Program to a "best practice" standing across the federal community in 2005. Therefore, it is vitally important that bureau-level EA efforts be evaluated in kind to determine strengths and weaknesses for future target improvement areas.

The following bureaus and offices should respond to this memorandum:

1. Bureau of Land Management
2. Minerals Management Service
3. Bureau of Indian Affairs
4. Office of Special Trust – Trust Architecture

Your attention to assure these actions are followed is requested. If you have questions regarding this issue, please contact me at (202) 208-6194. Staff may contact Colleen Coggins, Interior Chief Architect, at (202) 208-5911.

Attachments

(1) OMB Enterprise Architecture Assessment Framework

cc: Interior Architecture Working Group