



**DEPARTMENT OF THE NAVY**

CHIEF INFORMATION OFFICER  
1000 NAVY PENTAGON  
WASHINGTON, DC 20350-1000

26 September 2012

MEMORANDUM FOR DISTRIBUTION

Subj: RELEASE OF DEPARTMENT OF THE NAVY ENTERPRISE ARCHITECTURE  
(DON EA) VERSION 4.0.000

Ref: (a) DON CIO Memorandum, Release of Department of the Navy Enterprise Architecture  
Version 3.1.000, of 2 April 2012  
(b) DON CIO Memorandum, Department of the Navy Enterprise Architecture (DON  
EA) Compliance Assessment Process Guidance, of 3 April 2012  
(c) ASN (RD&A), ASN (FM&C) and DON CIO Joint Memorandum, Mandatory Use of  
Department of the Navy Enterprise License Agreements, of 22 February 2012

Encl: (1) Department of the Navy Enterprise Architecture Version 4.0.000 (DON EA v4.0.000)  
Change Summary  
(2) Department of the Navy Business Enterprise Architecture (DON BEA) Overview and  
Summary Information (AV-1)

This memorandum announces the release of the Department of the Navy Enterprise  
Architecture (DON EA) v4.0.000, which updates DON EA v3.1.000, released via reference (a).  
Enclosure (1) summarizes the implemented DON EA changes promulgated in this update.

The assessment of compliance with DON EA for Fiscal Year 2013 (FY13) will begin on  
1 October 2012. For FY13, all DITPR-DON records associated with the DON Business Mission  
Area (BMA) will be required to complete their program's self-assessment with the DON EA and  
DoD Business Enterprise Architecture (BEA) version 9.0 no later than 1 February 2013. This  
change of due date for completing BMA system self assessment is necessary in order to achieve  
an effective and efficient DON Defense Business System (DBS) investment review process as a  
result of the new Fiscal Year 2012 (FY12) National Defense Authorization Act (NDAA).  
Further details will be provided in the DON EA Process Guidance for Fiscal Year 2013, which  
will be released at a later date.

Enclosure (2) provides an overview and summary for the newly established DON  
Business Enterprise Architecture (DON BEA) which will assist programs during future DBS  
investment reviews.

Authoritative and current information about DON EA policy and procedures can be  
found at: <https://www.intelink.gov/wiki/DONEA>. My point of contact for the DON EA is  
Mr. Greg Allen, [gregory.j.allen@navy.mil](mailto:gregory.j.allen@navy.mil), (703) 697-0018.

Terry A. Halvorsen

Distribution: (see pages 2 and 3)

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VERSION 4.0.000

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VERSION 4.0.000

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## DON EA v4.0.000 Change Summary

DON EA Artifact Name	Change	Effective Date
DON Business Enterprise Architecture (BEA) Overview and Summary (AV-1) (Enclosure (2)) – <b>New Artifact</b>	The DON BEA, as described in the AV-1, will be a solution-oriented architecture in that the vision, goals, desired capabilities, standards and outcome measures would be fully derived from DoD BEA, but with unique DON IT solutions mapped to the DoD BEA to enable DON IT portfolio management decisions. This artifact provides the overview and summary of the DON BEA development project.	Immediately upon release of this memorandum. This artifact is informational, not mandated to be assessed for compliance.
Management of Records in DON IM/IT System (MREC) – <b>Minor Editorial Correction</b>	One of the requirements for achieving full compliance with this artifact was incorrectly captured in DITPR-DON for FY12 review. The original question will be changed from “Prevent the unauthorized access, modification, or deletion of declared records?” to “Manage access and retrieval?”	1 October 2012
Standard Profile (StdV-1) – <b>Minor Additional Guidance</b>	The location for uploading program technical standards documentation is being changed to comply with DoD policy. Additional guidance for uploading classified Standards Views is included in this revision.	1 October 2012
DON Interoperability (DI), Common Element Lists (CEL), Organizational Relationships Chart (OV-4) Operational Activity Decomposition Tree (OV-5a) – <b>Change to Existing Artifact</b>	This change combines the existing DON Interoperability (DI), Common Element List (CEL), OV-4 and OV-5a artifacts into one artifact called– “Solution Architecture.” The original artifacts have served their purpose by communicating acceptable architecture development standards to program managers. This revised artifact is intended to determine the number of programs that do not currently have architectures.	1 October 2012
Mandatory Use of Existing DON, DoD or Commercial Enterprise Data Centers Before Investing in Increased Data Storage Capacity <sup>1</sup> (DCC) – <b>Minor Modifications to Existing Text</b>	Compliance question has been refined, and additional guidance for applicable programs has been included.	1 October 2012
Naval Open Architecture (NOA) now known as Open Systems Architecture (OSA): 1. Modularity 2. Key interface standard 3. Competitive Sourcing	Assertion of compliance with this artifact, which was suspended via reference (a), is being permanently removed from the DON EA.	Immediately upon release of this memorandum.

<sup>1</sup> Changed from “Mandatory Use of Existing Enterprise/Regional Data Center Storage Capacity”

<p>4. Asset Reuse 5. Capability Improvement - <b>Rescinded</b></p>		
<p>DON Use of Electromagnetic Spectrum in DON IM/IT Investment (EMS) – <b>Minor Editorial Change</b></p>	<p>This is an editorial change in the Spectrum Supportability Risk Assessment (SSRA) date from “17 July 2007” to “9 January 2009.” This reduces confusion by synchronizing the cutoff date with the publication date of the SSRA requirement in Policy and Procedures for Management and Use of the Electromagnetic Spectrum, DoDI 4650.01.</p>	<p>1 October 2012</p>
<p>DON Enterprise Software License (ESL), Enterprise License Agreement (ELA), Enterprise Software Agreement (ESA), DoD Enterprise Software Initiative (ESI), or FSSI SmartBUY<sup>2</sup> – <b>Minor Editorial Change</b></p>	<p>This minor editorial change incorporates the Federal Strategic Sourcing Initiative (FSSI) SmartBUY in the scope for compliance along with modifications in the waiver request form in DITPR-DON to collect information required by reference (c).</p>	<p>1 October 2012</p>

<sup>2</sup> Title changed to include FSSI SmartBUY

Department of the Navy Business Enterprise Architecture (DON BEA)  
Overview and Summary Information (AV-1)

Identification Section	
<b>Name:</b>	Department of the Navy (DON) Business Enterprise Architecture (BEA)
<b>URL:</b>	Pending
<b>Version Identifier:</b>	Version 1.0
<b>Architecture Identifier:</b>	Not Applicable
<b>Architecture Version History:</b>	Not Applicable
<b>Description:</b>	The DON BEA provides the primary mechanism for strategic management of Department Business Operations. It is also one of the key components of the DON Enterprise Architecture (DON EA). The DON BEA is derived from the Department of Defense (DoD) BEA and focuses on developing the necessary artifacts that support analyses for achieving Information Technology (IT) and business process efficiencies. It aligns with the DoD's business vision, goals, desired capabilities, standards and outcome measures while focusing on unique DON requirements and IT solutions.
Point of Contact (POC) Information Section	
<b>Last Name:</b>	Wingo
<b>First Name:</b>	Fumie
<b>Telephone:</b>	703-697-0066
<b>Email:</b>	<a href="mailto:fumie.wingo@navy.mil">fumie.wingo@navy.mil</a>
<b>Validating Organization:</b>	<ul style="list-style-type: none"> <li>• Deputy Under Secretary of the Navy for Business Operations and Transformation (DUSN (BO&amp;T))</li> <li>• DON Deputy CIO (DDCIO) (Navy) and/or their designated organization(s)</li> <li>• DON Deputy CIO (DDCIO) (Marines Corps) and/or their designated organization(s)</li> </ul>
<b>Contributing Organization:</b>	<ul style="list-style-type: none"> <li>• Deputy Under Secretary of the Navy for Business Operations and Transformation (DUSN (BO&amp;T))</li> <li>• DDCIO (Navy)</li> <li>• DDCIO (USMC)</li> <li>• SECNAV, Navy and Marine Corps Business Mission Area (BMA) Functional Area Managers (FAMs) and Program Managers (PMs)</li> </ul>
<b>Approval Organization:</b>	DON EA Configuration Control Board (CCB)
<b>Publisher/Developer Organization:</b>	DON CIO
Scope Section	
<b>Viewpoints:</b>	All, Operational, Standard, Capability Viewpoints and Fit for Purpose
<b>Models</b>	AV-1: Overview and Summary Information AV-2: Integrated Dictionary CV-1: Vision

	<p>OV-5a: Operational Activity Decomposition Tree  OV-6c: Event-Trace Description  StdV-1: Standards Profile  StdV-2: Standards Forecast  Fit For Purpose Views:</p> <ul style="list-style-type: none"> <li>• DoD BEA Operational Activity-DON Business System Matrix. This matrix is intended to show what DON Business systems support established DoD business activities.</li> <li>• DoD BEA Process – DON Business System Matrix. This matrix is intended to show what DON business systems support established DoD processes.</li> <li>• Financial Data Standard – This matrix is intended to show what DON Business systems support the Standard Financial Information Structure (SFIS) in DoD BEA.</li> </ul>
<b>Temporal Scope:</b>	As-Is
<b>Timeframe Name:</b>	FY13
<b>Timeframe Start Date:</b>	3/01/2013 (Date on which the architecture becomes valid)
<b>Timeframe End Date:</b>	To be determined.
<b>Communities of Interest (COI):</b>	Business Management
<b>DON Communities of Practice (COP):</b>	Not Applicable
<b>Functional Area Manager (FAM):</b>	BMA FAMs
<b>Joint Potential Designator:</b>	Not Applicable
<b>Mission Areas Supported:</b>	Business Mission Area
<b>Activities Supported:</b>	Investment Review Board Process
<b>Subject Coverage:</b>	Force Support, Logistics, and Corporate Management and Support
<b>Organizations Involved:</b>	<ul style="list-style-type: none"> <li>• DON CIO</li> <li>• DUSN DCMO</li> <li>• DDCIO (Navy)</li> <li>• DDCIO (Marine Corps)</li> <li>• Applicable BMA FAMs</li> <li>• Applicable BMA PMs</li> </ul>
<b>Context Section</b>	
<b>Mission Name:</b>	DON Business Operations Management
<b>Guidance Reference(s):</b>	<ul style="list-style-type: none"> <li>• Fiscal Year 2012 National Defense Authorization Act (FY12 NDAA)</li> <li>• Defense Business System (DBS) Investment Management Process Guidance, of 29 June 2012</li> <li>• SECNAVINST 5230.14, "Information Technology Portfolio Management Implementation," of 9 November 2009</li> <li>• Department of the Navy Business Transformation Plan Fiscal year</li> </ul>

	2012, of 22 December 2011
<b>Scenario(s):</b>	The primary scenario that will be addressed involves the use of DoD BEA v9.0 to determine any gaps or overlaps in DON business system functionality in support of efforts to identify potential efficiencies in DON business operations.
<b>Authoritative Source(s) for Guidance:</b>	<ul style="list-style-type: none"> <li>• DON CIO</li> <li>• DUSN DCMO</li> </ul>
<b>Tasking Agent:</b>	DON CIO
<b>Related Architecture(s):</b>	DoD BEA v9.0
<b>Authoritative Source(s) for Information Technology Standards:</b>	Not Applicable
<b>Purpose Section</b>	
<b>Purpose:</b>	<p>The purpose of the DON BEA is to enhance the department's ability to:</p> <ul style="list-style-type: none"> <li>• Analyze, plan and execute organizational change while managing risk</li> <li>• Focus IT on supporting key business processes</li> <li>• Create enterprise blueprints as a roadmap for exploiting IT architectural building blocks</li> <li>• Ensure interoperability</li> <li>• Deliver measurable business performance and ROI</li> <li>• Identify redundancy and deliver cost savings</li> <li>• Support development of a DON Business Transformation Plan for FY13-14.</li> </ul>
<b>Objective:</b>	Align DON business systems to DoD BEA v9.0 business processes to determine if any gaps or overlaps exist within the business are portfolios.
<b>Analysts:</b>	DON CIO DUSN DCMO
<b>Decision Makers:</b>	DON CIO DUSN DCMO
<b>Viewpoint:</b>	The viewpoint of the architecture will be that of the Functional Area Manager who has a significant role in managing their portfolios. Other participants in the architecture analysis effort are DUSN DCMO and DON CIO. The key assumption, which is critical to the successful development of the DON BEA, is that the business systems' solution architectures provide sufficient detail to ensure accurate alignment and mapping to the DoD BEA. As in most cases, the primary constraint in architecture development is the limited resources and time allowed to complete the architecture.
<b>Actions:</b>	Potential re-allocation of funding and elimination of costs associated with redundant systems and/or system functionality.
<b>Detail Section</b>	
<b>Security Classification:</b>	For Official Use Only
<b>Access Level:</b>	Private
<b>AV-1 Approval Date:</b>	Pending

<b>AV-1 Registration Date:</b>	Pending
<b>AV-1 Last Modified Date:</b>	Pending
<b>Project Start Date:</b>	10/01/2012
<b>Completion Date:</b>	Tentative - 6/15/2013
<b>Validation Date:</b>	Pending
<b>Valid Until Date:</b>	Pending
<b>Date Superseded:</b>	Pending
<b>Completion Status:</b>	Pending
<b>Approval Status:</b>	Under Development
<b>Granularity Level:</b>	Strategic
<b>Tool(s) used:</b>	DITPR-DON
<b>File Format(s) Used:</b>	Microsoft Excel (.xls), Word (.doc)
<b>Finding Section</b>	
<b>Issue(s):</b>	Pending
<b>Conclusion(s):</b>	Pending
<b>Recommendation(s):</b>	Pending
<b>Constraint(s):</b>	Pending
<b>Vulnerability(ies):</b>	Pending