



# Department of Defense DIRECTIVE

NUMBER 8190.2

June 23, 2000

---

---

ASD(C3I)

SUBJECT: The Department of Defense (DoD) Electronic Business/Electronic Commerce (EB/EC) Program

- References:
- (a) Deputy Secretary of Defense Memorandum, "Department of Defense Reform Initiative Directive #43 - Defense-wide Electronic Commerce," May 20, 1998, hereby canceled
  - (b) Assistant Secretary of Defense Command and Control, Communications and Intelligence Memorandum, "DoD Chief Information Officer (CIO) Guidance and Policy Memorandum No. 2-8190 - 031199 Defense-wide Electronic Business/Electronic Commerce (EB/EC)," March 11, 1999, hereby canceled
  - (c) Public Law 104-106, Division E, Clinger-Cohen Act of 1996, February 10, 1996 (40 U.S.C. Chapter 25)
  - (d) [DoD Directive 5200.28](#), "Security Requirements for Automated Information Systems (AISs)", March 21, 1988
  - (e) thru (f), see enclosure 1

## 1. PURPOSE

This Directive:

1.1. Codifies Deputy Secretary of Defense and the DoD Chief Information Officer (CIO) guidance and cancels references (a) and (b).

1.2. Establishes the Department of Defense (DoD) Joint EB/EC Program.

1.3. Establishes policy and assigns responsibilities for the direction, management and coordination of EB/EC activities within the Department of Defense.

1.4. Establishes the Joint Electronic Commerce Program Office (JECPO), reporting to the DoD CIO and provides for its mission, organization, responsibilities, and oversight.

## 2. APPLICABILITY

This Directive applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Inspector General of the Department of Defense, the Defense Agencies including nonappropriated fund activities, the DoD Field Activities and all other organizational entities within the Department of Defense (hereafter referred to collectively as "the DoD Components").

## 3. DEFINITIONS

Terms used in this Directive are defined in enclosure 2.

## 4. POLICY

It is Department of Defense policy to:

4.1. Foster and promote the integration of EB/EC technologies into reengineered or improved business processes consistent with the requirements of Public Law 104-106 (reference (c)).

4.2. Establish and use electronic business operations that employ EB/EC principles, concepts and technologies in the entire range of DoD operations.

4.2.1. Employ EB/EC concepts and technologies in the conduct of all process improvement and reengineering efforts. This will permit incorporation of proven commercial market approaches to disseminate information in an electronic form to the right person/activity, at the right time, with the objective of reducing process cycle times.

4.2.2. Implement EB/EC initiatives that incorporate "best business practices" to garner efficiencies, and to promote operational effectiveness through significant response cycle time reduction.

4.2.3. Facilitate global data sharing, appropriate security measures (references (d) and (e)) and integration of cross-functional business processes between the Department and those with whom it does business.

4.3. Plan, develop, and implement EB/EC from a DoD-wide perspective to provide for integrated and uniform program direction and planning.

4.4. Describe and adhere to an architecture (including operational, systems and technical views) developed in compliance with DoD Information Technology architectures and frameworks.

4.4.1. Implement flexible, interoperable, open solutions that allow the use of new or competing technology solutions to the maximum extent practical.

4.4.2. Cooperate with other Federal Government Departments and Agencies to develop and implement an EB/EC operational architecture in support of a Government-wide EB/EC program.

4.4.3. Ensure all EB/EC operations employ continuous process improvement including employment of the best applicable business practices using national, international or commercial standards, a common information infrastructure, and best "fit" security solutions. EB/EC will use the DoD common information infrastructure, security solutions and a common set of best business practices for interactions across the Department of Defense's functional areas.

4.4.4. Use commercial EB/EC standards and commercial-off-the-shelf (COTS) solutions to the maximum extent practical.

4.5. Implement EB/EC security solutions that will afford data security based upon user and statutory requirements while sustaining or improving the current processes that they replace.

4.5.1. Utilize end-to-end standards-based solutions for EB/EC security that are compatible and interoperable with publicly available security solutions. Establish that transaction confidentiality is maintained, audit trails are established commensurate with business needs and currently accepted practices and system resources are protected from disruption or exploitation. EB/EC information must be exchanged, processed, stored, manipulated, and disseminated with the assurance that it is not being exploited, modified, or disrupted by adversaries, interlopers or competitors.

4.5.2. Protect intellectual property rights; provide for data integrity and privacy rights, and foster interoperability.

4.6. Apply EB/EC processes to interoperate with those with whom the Department of Defense does business to achieve integration within and among the DoD Components and the private sector.

## 5. RESPONSIBILITIES

5.1. The DoD Chief Information Officer (CIO) shall:

5.1.1. Serve as the Department's primary Principal Staff Assistant (PSA) responsible for EB/EC Program overall policy direction, oversight, planning, development, architectures, security, technical integration and implementation of approved DoD-wide EB/EC initiatives across all organizational and functional boundaries and oversight.

5.1.2. Prepare a DoD EB/EC Strategic Plan, with DoD Component input, that sets forth the DoD EB/EC vision, goals, objectives, and strategies.

5.1.3. Oversee the development and updates of the DoD EB/EC Implementation Plan.

5.1.4. Establish and provide direction and oversight to the JECPO that supports the JECP and common EB/EC elements employed by the DoD Components. The JECPO shall:

5.1.4.1. Perform its mission under the direction and oversight of the DoD CIO. Prepare periodic progress reports through the DoD CIO for Deputy Secretary of Defense review.

5.1.4.2. Serve as the DoD Executive Agent to promote and coordinate implementation planning, implementation execution, and integration of common EB/EC services throughout the Department.

5.1.4.3. In collaboration with the DoD Components, develop and maintain, with Component assistance, an overarching DoD JECP Implementation Plan and obtain DoD CIO approval of the plan.

5.1.4.4. Apply, develop, implement, and maintain common EB/EC capabilities to meet requirements identified by functional users.

5.1.4.5. Develop for DoD CIO approval an overarching EB/EC Architecture to include operational, system and technical views in accordance with the Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Framework. The architecture views must reflect improved, reengineered and integrated business processes.

5.1.4.5.1. Assist OSD PSAs and the DoD Components in the development of consistent and integrated EB/EC architectures (with operational, system and technical views) for their functional areas of responsibility to ensure business processes and transaction exchanges are consistently understood, accepted and implemented.

5.1.4.5.2. Provide updates to the DoD Joint Technical Architecture for emerging Federal and commercial standards related to EB/EC.

5.1.4.6. Identify and promulgate DoD EB/EC requirements to industry and standards developers.

5.1.4.7. Assure consistent implementation in the JECPO based on open standards for interoperability.

5.1.4.8. Support, facilitate, and accelerate the application of EB/EC common data and consistent information into interoperable systems that support the Defense Components' EB/EC processing requirements.

5.1.5. Ensure that the Director, Defense Logistics Agency (DLA) and the Director, Defense Information Systems Agency (DISA), provide program, budget, financial and administrative support for the JECPO.

5.1.6. Ensure the development of overarching architectures for EB/EC and ensure that EB/EC architectures adhere to and are integrated with the overall DoD integrated information infrastructure.

5.1.7. Oversee the development and maintenance of a cost effective, efficient, and integrated information infrastructure that will ensure security and interoperability of DoD EB/EC.

5.1.8. Coordinate with other OSD PSAs to deconflict, integrate, and coordinate information technology requirements to optimize investments in infrastructure, functional EB/EC applications, and improved business processes.

5.1.9. Structure and prioritize EB/EC initiatives to promote efficiencies and ensure interoperability in all functional areas throughout the Department of Defense.

5.1.10. In coordination with other OSD PSAs, serve as the Department of Defense's principal point of contact with the private sector, contractors and Federal Government Agencies for DoD-wide EB/EC policy matters.

5.1.11. Facilitate and support the DoD Components' efforts to implement EB/EC consistent with the Department's strategic goals and objectives.

5.2. The Principal Staff Assistants shall:

5.2.1. Oversee the development and will approve EB/EC operational architectures for each functional area. The appropriate OSD PSA will approve and provide to the DoD CIO and the JECPO the view for their area of functional responsibility.

5.2.2. Foster EB/EC initiatives in their respective functional areas.

5.3. The Chairman of the Joint Chiefs of Staff shall coordinate the development of EB/EC operational architectures, as appropriate, for each Unified Combatant Commander. These operational architectures shall be provided to the JECPO and the DoD CIO.

5.4. The Heads of the DoD Components shall:

5.4.1. Comply with the policies of this Directive and program, fund and implement EB/EC.

5.4.2. Promote and promulgate the application of EB/EC principles and practices, based on generally accepted commercial practices.

5.4.3. Apply EB/EC best practices to the maximum extent practical to improve both combat support capabilities and DoD business operations.

5.4.4. Foster EB/EC initiatives in their respective organizations.

5.4.5. Develop implementation plans that apply the DoD EB/EC Strategic Plan to their respective functional areas and operational areas of responsibility.

5.4.6. Establish single focal points for EB/EC activities. In the case of the Military Departments, a single EB/EC office shall be established. Focal points or offices shall be responsible for interfacing and coordinating EB/EC activities with the other DoD Components including the JECPO; inserting DoD EB/EC policies into relevant Component policies and plans; developing Component EB/EC policy, planning, and performance metrics; and overseeing EB/EC implementation and execution within their organization.

5.4.7. Provide recommendations to the DoD CIO regarding the resolution of EB/EC issues impeding cross-functional/cross-organizational integration of commonly used information and business processes.

5.4.8. Develop or update strategic and/or implementation plans, as appropriate, and incorporate the application of EB/EC and business process improvement into these plans.

5.4.9. Ensure the insertion of EB/EC capabilities into the development, modernization, expansion or prototype of systems that interface with DoD business associates or interface with other functional areas.

5.4.10. Participate on DoD, national, international and interdepartmental boards, committees, and other organizations involving EB/EC as necessary.

6. EFFECTIVE DATE

This Directive is effective immediately.

A handwritten signature in black ink, appearing to read "Rudy de Leon". The signature is fluid and cursive, with the first letter of each word being capitalized and prominent.

**Rudy de Leon**  
**Deputy Secretary of Defense**

Enclosures - 2

- E1. References, continued
- E2. Definitions



E1. ENCLOSURE 1

REFERENCES, continued

- (e) [DoD 5200.1-R](#), "Information Security Program," January 1997, authorized by [DoD Directive 5200.1](#), December 13, 1996
- (f) Joint Chiefs of Staff publication 1-02, "The Department of Defense Dictionary of Military and Associated Terms," June 1998

## E2. ENCLOSURE 2

### DEFINITIONS

E2.1.1. Executive Agent. For the purpose of this Directive, executive agent is defined as the Head of a DoD Component or an authorized subordinate (by position), who has been delegated authority to exercise assigned responsibilities and functions from higher authority and in compliance with law or statute.

E2.1.2. Electronic Business (EB). The application of Electronic Commerce techniques and solutions to the business processes of the DoD to include the entire range of the DoD functional areas. For the purpose of this document, functions are those defined in Joint Pub 1-02 (reference (f)), i.e., appropriate or assigned duties, responsibilities, missions, tasks, functions, powers or duties of an individual office or organization. A functional area is comprised of one or more functional activities, each of which consists of one or more functional processes.

E2.1.3. Electronic Commerce (EC). The interchange and processing of information using electronic techniques for accomplishing business transactions based upon the application of commercial standards and practices. Further, an integral part of implementing Electronic Commerce is the application of process improvements to enhance business processes, normally but not necessarily, prior to the incorporation of technologies facilitating the electronic exchange of business information.

E2.1.4. Interoperability. The ability of the systems, units, or forces to provide and receive services from other systems, units, or forces, and to use the services so interchanged to enable them to operate effectively together. The conditions achieved among communications-electronics systems or items of communications-electronic equipment when information or services can be exchanged directly and satisfactorily between them and/or their users.

E2.1.5. OSD Principal Staff Assistants. Under Secretaries of Defense; Director of Defense Research and Engineering; Assistant Secretaries of Defense; Director Operational Test and Evaluation; General Counsel of the Department of Defense; Inspector General of the Department of Defense; Assistants to the Secretary of Defense; and other OSD Directors or equivalents who report directly to the Secretary or Deputy Secretary of Defense.

E2.1.6. Business Associate. A business associate is an organization or individual with whom information or data is accessed or exchanged. The term business associate includes private industry, academia, and Government entities.