



Office, Director of Information
Systems for Command, Control,
Communications, & Computers

DEPARTMENT OF THE ARMY
OFFICE OF THE SECRETARY OF THE ARMY
107 ARMY PENTAGON
WASHINGTON DC 20310-0107



SAIS-PAA-M (25-1)

28 June 1999

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Installation Information Infrastructure Architecture (I3A) Synchronization

The purpose of this memorandum is to request your participation in a process that will result in better synchronization of information technology (IT) programs that form or are supported by the Installation Information Infrastructure Architecture (I3A). The I3A is an architecture-based approach to modernizing the C4 infrastructure on our posts, camps, and stations. It is a crucial enabler to Army XXI doctrinal concepts of power projection and split-base operations and for the environment needed by the many revolutionary business efforts within the Defense Reform Initiative.

Modernizing the IT infrastructure presents a major challenge given the constrained fiscal environment. However, it is important that we acquire affordable, integrated, interoperable, and secure IT solutions that fit within the global Army and Department of Defense contexts. In support of this goal, the Army's Chief Information Officer (CIO), in coordination with Major Army Commands (MACOMs), has undertaken the following initiatives:

- a. Developed a generic standards-based installation IT architecture with implementation guidelines for modernizing IT infrastructures from the installation gateway to end-user buildings with which all Army organizations must comply.
- b. Designing target system architectures and cost models for Army installations worldwide. Individual DA target infrastructure engineering designs and associated data for each installation will reside in a secure, web-accessible, centralized repository.
- c. Developed a charter establishing an I3A Configuration Control Board (CCB) with MACOM, HQDA, and PEO-wide representation.

The single focal point for IT infrastructure on Army installations is the Army Materiel Command's Communications and Electronics Command (CECOM). Their designated responsibility is to ensure that select MACOM projects, and all initiatives and programs requiring IT infrastructure support on Army camps, posts, and stations, are in compliance with the I3A.

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The I3A Synchronization Implementing Guidance memorandum (encl) complements this memorandum by further assigning roles and responsibilities. Both documents supersede the Synchronization of Installation Infrastructure memorandum, dated 14 September 1994. Additionally, both documents incorporate recommendations from your command or agency as a result of the staffing process.

It is my intent for the I3A CCB to serve as the corporate body to guide the coherent evolution of requirements and balance them against technology solutions, policy, and resources. The CCB conducted its first meeting on 17 June 1999 and will continue to meet every quarter in order to manage IT infrastructure change. In this regard, your participation is essential.

2. The Army CIO point of contact is LTC Curt McCabe, (703) 695-1675, DSN 225-1675.

End


WILLIAM H. CAMPBELL
Lieutenant General, General Staff
Chief Information Officer

Installation Information Infrastructure Architecture (I3A) Synchronization Implementing Guidance

REFERENCE:

I3A Synchronization Memorandum, dated 28 June 1999

1. Based on reference document, the following roles and responsibilities are hereby assigned:
 - a. The CIO, or his designee, will chair an DA Configuration Control Board (CCB) with MACOM, HQDA, and PEO-wide representation, to approve architecture changes as well as resolve all IM issues that cannot be resolved by any other means.
 - b. CECOM will:
 - (1) Ensure that all submitted IT infrastructure design proposals are reviewed for compliance with the Army CIO's guidance and policies.
 - (2) Develop and submit to the I3A CCB a Concept of Operations (CONOPS) that outlines procedures for reviewing the technical merit and architectural compliance of proposed projects that impact Army installation infrastructure. CONOPS will address feedback process back to the submitting agency as well as the appropriate HQDA Staff proponent.
 - (3) Report to the CIO through the I3A CCB on major infrastructure activities and raise any unresolved issues to that forum.

Provide engineering guidance and assistance to the field as required.

Maintain the I3A design and data repository.
 - (4) Ensure the I3A repository at Fort Detrick, MD is updated as the I3A Modernization Program (formerly PPC4I) conducts the centralized installation modernization.
 - c. MACOM CIOs, DCSIMs, or G-6s will:
 - (1) Submit for review any infrastructure modernization effort or initiative affecting either the physical structure or overall performance of the major installation backbone. Additionally, submit all initiatives intended to expand any segment of the communication infrastructure's capacity beyond what is cited in the I3A Design and Implementation Guide. This will ensure compliance with the Army CIO's guidance, policies and standards as well as highlight initiatives that may require special consideration under the architecture.

(2) Ensure installations under their control conduct infrastructure modernization within funding constraints, for portions of their installations not covered above, in accordance with the I3A and the I3A Design and Implementation Guide, dated 3 May 1999.

(3) Ensure the I3A repository at Fort Detrick, MD is updated with installation architecture designs as changes occur.

d. Project Executive Offices and Program Managers will coordinate IT material requirements and fielding schedules with CECOM and relative MACOMs early in their development lifecycle. The intent is to take advantage of ongoing installation modernization, recognize and respond to possible infrastructure shortfalls and ensure the installation commander and Directors of Information Management (DOIM) are aware of IT fielding schedules.

e. DOIMs will coordinate closely with local facilities management agencies, Directors of Public Works (DPW), as well as tenants who could be effected by infrastructure upgrades to ensure synchronization with other engineering efforts. DOIMs must also update their respective installation architecture designs as changes occur and ensure that all changes are forwarded for inclusion in the I3A repository.

2. The Army CIO point of contact is LTC Curt McCabe, (703) 695-1675, DSN 225-1675.