



U.S. Army

Contractor Integrated Data Service (CIDS)

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Outline



- IDE Tasker
- IDE Vision
- Requirement for Contractor Integrated Data Service (CIDS)



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DepSecDef Memorandum



July 2, 1997

Set corporate goal of digital operations being the method of choice
Overwhelming majority of acquisition and logistics operations to be
based on digital methodologies and products by end of 2002 Made
Program Managers responsible for data management systems and
appropriate digital environment Set corporate goal of digital
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USD(A&T) Memorandum



- Establishes ESG under OSD, Dir API
- Establishes six month reporting requirement to the USD(A&T)
- Directs ACAT I PMs to “do something” rather than study and plan

July 17, 1997

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Army Vision for Acquisition IDE



Paperless Acquisition

Establish an Integrated Digital Environment (IDE) as an Acquisition Community, to include Industry Partners, using Digital Data and Processes as the Principal Means to Create, Manage and Exchange information.

An Integrated Digital Environment (IDE) that:

- **Provides the Functionality to Efficiently & Effectively Manage the Acquisition Program**
- **Provides Appropriate Data Security and Proprietary Data Protection**
- **Provides Appropriate Interoperability Across the Acquisition Enterprise**
- **Cost-effectively Contributes to the Reduction of Acquisition and Support Costs**
- **Keeps Pace With Evolution of Automation Technology**
- **Achieves "Near Paperless Operations" by 2002**



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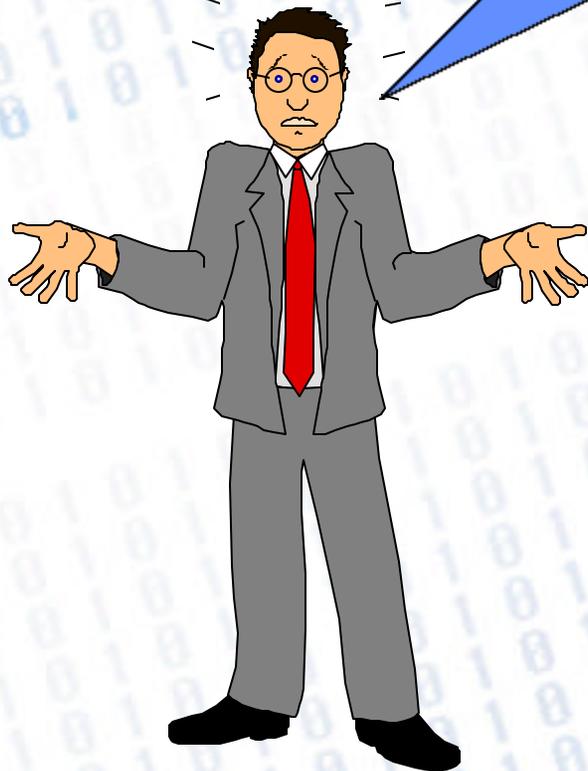




Integrated Digital Environment



So what is an IDE anyway?



A collaborative, standards-based, strategic infrastructure that enables the cost effective execution of business processes and functions across geographically dispersed and heterogeneous organizations



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What are we trying to achieve ?



- Eliminate Paper
 - ✦ Paper use may even increase
- Global interoperability
 - ✦ Data protection issues preclude open access
- An end state at 2002
 - ✦ A continuing process of upgrading our automation tools
- Automate acquisition processes
 - ✦ Reengineering business processes to take advantage of automation tools.
- Implement improved automation systems
 - ✦ Optimize the utility of existing data by making it accessible by and useable by those within an organization and others across the enterprise.
- Data standardization
 - ✦ Eliminate restrictions on the utility of data based on form or location.



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IDE Principles



- **Information required is immediately accessible to authorized users**
 - Authorization is dynamic and timely
- **Web technology has the highest potential to:**
 - achieve the desired interoperability
 - keep pace with evolving technology
- **The information owner/creator is the information keeper**
- **Information access replaces information reporting**
- **Business Process Reengineering comes first**



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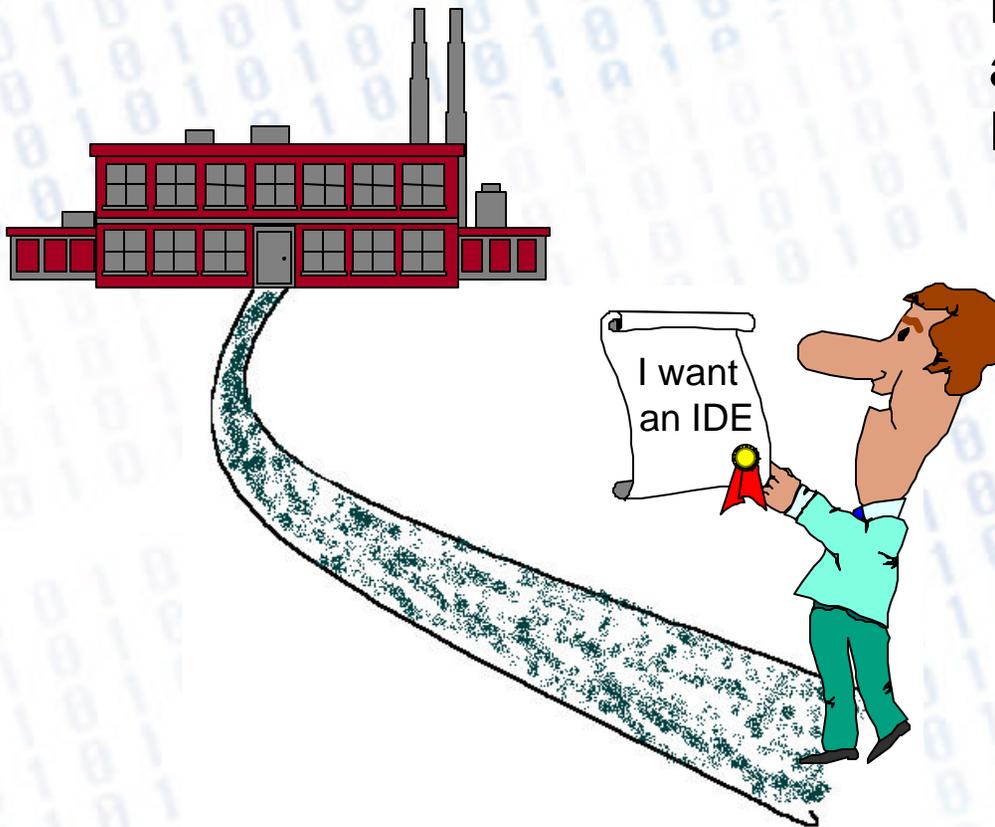




Establishing an IDE



How does a PM establish an effective IDE with his Prime Contractor ??



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Contractor Integrated Technical Information Service



CITIS - A service that provides data and access to meet Government requirements with Contractor's preferred automation system



CITIS policy is out of date and inadequate in a number of areas necessary to establish an effective IDE



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CIDS vs CITIS



- **Why CIDS vs CITIS**
 - IDEs manage all data, not just technical data
 - RFPs need to address all data requirements
 - Contractors getting “deliver an IDE” without detail
 - Contractors want to address data, not technical and non-technical data separately
- **Concept of Operations**
 - a first step to delineate requirements from all data users
 - establishes who needs data and what data they need
 - establishes how the MSCs and the PMOs will work together over the life of the program
 - prerequisite to an effective RFP



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Contractor Integrated Data Service



PMs have responsibility for data management systems and digital environments that allow for digital access and exchange of data for the total product life-cycle

Complete life-cycle access to necessary data is only possible if DoD and its Contractors have effective, interoperable IDEs capable of providing cradle to grave data management

DoD and its Industry partners need to focus on the problems/expense of data management & the potential benefits of buying data access rather than buying & taking ownership of data

The CIDS IPT is focused on developing guidance on how to establish a comprehensive and cost-effective data service that encompasses all data and integrates the contractor and PM IDEs



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What are the issues ?



- **How should the PM determine :**
 - if / what data he needs to own
 - whether to buy data or access to data
 - how to determine the cost implications of buying data or data access
 - when to impose data format/content requirements
 - what provisions to include so that data can be bought if required
 - what data collaboration capabilities should be integral to his IDE
 - how to protect the data in the IDE
 - what legal issues are relevant to establishing his IDE
 - what to put into his RFP to establish an effective IDE
 - evaluate the effectiveness of proposed contractor data services
 - how to cost the data or data services
 - the relative value of alternative contractor solutions



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