

IDE IMPLEMENTATION CHECKLIST

The following checklist is taken from the DoD Program Manager's Desktop Guide for CALS Implementation. Filling out this checklist as part of the acquisition planning process can help the Program Manager and the Acquisition Team understand the current state of the program and what needs to be done to implement an Integrated Data Environment (IDE). It should be used by program personnel to verify and document that appropriate IDE planning actions have been accomplished and comply with established standards.

1.0 IDE Development

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| 1.1 | Have the data types required below been identified?
-Product Data
-Logistics Data
-Publication Data
-Management & Administration Data | Yes | No |
| 1.2 | Have the data users been identified?
-Management
-Engineering/Design
-Supply
-Training
-Manufacturing
-Maintenance | Yes | No |
| 1.3 | Has the PM identified what the user will do with the data?
-View only
-Comment/Annotate
-Update/Maintain
-Extract/Process
-Archive | Yes | No |
| 1.4 | Have the users' infrastructure been defined?
-Hardware
-Software
-Networks
-Communications | Yes | No |
| 1.5 | Have the data delivery/access categories been identified?
-Digital processable data files
-CITIS | Yes | No |
| 1.6 | Has the required format for data delivery/access been determined?
-Text
-Graphic
-Audio/Visual
-Integrated Data File | Yes | No |
| 1.7 | Have the data interchange standards (military or commercial) been identified?
-Text standards
-Graphic standards | Yes | No |

1.8	Have the mechanisms for digital delivery been identified? -Telecommunications -DISN -Contractor-specific	Yes	No
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2.0 Technical Data Packages

2.1	Does the acquisition contract specify the delivery of technical information (CAD data/Product data) in a digital format IAW MIL-M-28000?	Yes	No
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2.2	Is access to the contractor's technical database initiated via CITIS?	Yes	No
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2.3	Do identified users possess the necessary hardware, software, and telecommunications capacity to receive/view/annotate technical data?	Yes	No
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2.4	Are provisions specified in the acquisition contract, upon final delivery to the government, for maintenance and access at the contractor site or transfer to a government repository (JEDMICS) in a processable digital format.	Yes	No
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3.0 Program Management

3.1	Are program management data products such as Program Plans, Program Management Reports, Schedules, Test Plans and Reports, Meeting Minutes, etc., delivered and accessed in a mutually agreeable desktop publishing, word processor, spreadsheet, or scheduling package?	Yes	No
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4.0 Technical Manuals

4.1	Does the SOW specify the development of IETMs or the delivery of technical manual data in digital format?	Yes	No
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4.2	Is technical manual data in a processable (digital), as opposed to composed (paper, raster), format?	Yes	No
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4.3	Do the intended users possess the required computer hardware and software capability to receive digital files?	Yes	No
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4.4	Is delivery of digital technical manual files in accordance with MIL-R-28002 for raster data or MIL-D-28003 or MIL-M-28001 for text and graphic data?	Yes	No
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4.5	Is delivery or access of technical manual data specified to occur via interactive CITIS?	Yes	No
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4.6	Is final delivery of technical manual files to the government specified in digital format to allow for future maintenance and update?	Yes	No
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5.0 Control Architecture

5.1	Does the system adhere to established DoD standards?	Yes	No
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5.2	Are the standards vendor independent?	Yes	No
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5.3	Do the standards support an open systems environment?	Yes	No
5.4	Do the standards support or hinder the attainment of Enterprise Integration goals and objectives?	Yes	No
5.5	Do the standards support cross functional integration?	Yes	No
5.6	Does the operating system support an open systems environment Or is it vendor unique?	Yes	No
6.0	Computer System Architecture		
6.1	Does the architecture support an open systems environment?	Yes	No
6.2	Is any part of the architecture proprietary?	Yes	No
6.3	Does the architecture support the throughput requirements?	Yes	No
6.4	Does the architecture support the functional requirements?	Yes	No
6.5	Does the current architecture have excess capacity?	Yes	No
6.6	Does the current architecture support cross functional integration?	Yes	No
6.7	Is a configuration management system in place?	Yes	No
6.8	Do the configuration management procedures adequately encompass the entire life-cycle.	Yes	No
6.9	Is the configuration management system automated?	Yes	No
6.10	Are standard communications protocols used?	Yes	No
7.0	Information Architecture		
7.1	Does the architecture support an open systems environment?	Yes	No
7.2	Is any part of the architecture proprietary?	Yes	No
7.3	Does the architecture support the functional processes?	Yes	No
7.4	Does the architecture adhere to existing DoD standards?	Yes	No
7.5	Does the architecture rely on any legacy systems?	Yes	No
7.6	Is the current architecture "stovepipe" in nature?	Yes	No
7.7	Are the data elements approved DoD standard data elements?	Yes	No
7.8	Are the data element definitions appropriate and consistent?	Yes	No
7.9	Are all data flow requirements testable?	Yes	No
7.10	Are data flows consistent with Interface Requirements Specifications?	Yes	No

7.11	Is the system designed for easy modifications as necessary?	Yes	No
7.12	Are reusable designs and software considered when designing the system?	Yes	No
7.13	Are requirements for reliability specific and realistic?	Yes	No
7.14	Does the decomposition of requirements enhance testability, modularity of design, reusability?	Yes	No
7.15	Do the defined system capabilities meet the functional requirements of the end users?	Yes	No
7.16	Are performance characteristics quantifiable and measurable?	Yes	No