























Object Name	Object Type	Long Description
Accept Updated SDP	Data Flow	Definition: The updated SDP as a result of the functional acceptance of the products. This update will include the detail necessary to ensure the successful completion of the product delivery phase.
Approved Operations Doc	Data Flow	Definition: The final version of the Operations Documentations approved by the customer during the functional test process.
Approved Training Package	Data Flow	Definition: The final version of the training package approved by customer during the functional test process.
Approved User Documentation	Data Flow	Definition: The final version of the user documentation approved by the customer during the functional test process.
Baseline Design	Data Flow	Definition: The initial design for the system change.
Baseline Functional Requirement	Data Flow	Definition: The customer accepted detailed functional requirement. This requirement includes a complete definition of the customer needs in terms understandable by the design staff. They should be in enough detail to be considered "TESTABLE".

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Baseline Security Accreditation	Data Flow	Definition: The documentation supporting the most current production system security accreditation.
Baseline WBS	Data Flow	Definition: The initial approved project plan.
CDR Results	Data Flow	Definition: The minutes and action items resulting from the Critical Design Review.
CDR Updated SDP	Data Flow	Definition: The updated SDP as a result of the Critical Design Review (CDR). This update includes the additional detail required to fully define the development phase.
Closed Project Account	Data Flow	A financial account that has been balanced containing the final billing or expenditure in support of a project.
CM Data	Data Flow	Definition: The collection of configuration items that have been placed under configuration management. This includes change forms, status reports, and logs.
Completed Program Units	Data Flow	Definition: All programs that were developed or modified to implement the system change. These programs have been certified, by the line manager, during unit testing as being accurate and complete.
Conversion Results	Data Flow	Definition: The documented results of the data conversion process.
Critical Computer Resource Est	Data Flow	Definition: Estimate of the computer resources required, within the production site, to accommodate the changes being made to the existing production system. This resource requirement will insure that

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		existing performance levels are maintained or improved.
Customer IPRs	Data Flow	Definition: The In Process Reviews that are conducted for the Customer.
Customer Need	Data Flow	Definition: The initial complete customer requirement. This may include an approved SCR/AWR, priorities set by the customer, or requirements elicited from interviews, JAD sessions or information requests.
Customer Survey	Data Flow	Definition: A survey used to determine the customers satisfaction with the products and services provided by DSDC and it's subcontractors.
Customer Survey Results	Data Flow	Definition: The completed customer survey forms used to identify customer satisfaction with the support and products provided by DSDC and it's subcontractors.
Data Structures	Data Flow	Definition: The modified data structures supporting the requirements change. This may take the form of revised database schema or file structures.
Detailed Design	Data Flow	Definition: Includes the High Level Design with those enhancements and refinements identified during the Preliminary Design Review.
Detailed Functional Rqmt	Data Flow	Definition: Represents the updated functional requirements for the existing production system including the changes requested from the customer.
Dev Updated SDP	Data Flow	Definition: The updated SDP as a result of the completion of the Development phase of the effort. This update will include the additional level of detail required for the successful completion of the Integration Phase.

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Development Environment	Data Flow	Definition: The computer environment and physical site to be used in the development of the requirements for the project. This will include the building and work space, the required computer resources, necessary hardware and software. The environment will also include the allocation of work space and establishment of the development database and file systems.
DSDC Update Results	Data Flow	Definition: All documented results, whether positive or negative, that occurred during the installation of the product / system in the DSDC development environment.
Enabling Resources	Data Flow	Definition: The resources available within DSDC to perform the tasks required insuring successful completion of the project. These resources include any required contractor personnel.
ET/IOC Results	Data Flow	Definition: All documented events, whether positive or negative, that occurred while conducting the ET/IOC.
Existing DIST	Data Flow	The Defense Integration Support Tools (DIST) contains information on all DSDC applications, (i.e. development languages, DBMSs, hardware, year 2000 information, etc.). A DIST report on the enhanced application should be requested from the DSDC DIST POC.
Existing Prog Documentation	Data Flow	Definition: The complete set of program documentation for the existing production system.
Existing Rqmts Doc	Data Flow	Definition: The complete set of requirements documentation for the existing production system.
Existing Systems Documentation	Data Flow	Definition: The complete set of documentation for the existing production system.

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FRR Updated SDP	Data Flow	Definition: Upon completion of the Functional Requirements Review (FRR) the SDP will be updated with the additional detail now available. In particular, this update will include additional levels of detail for the design and development phases of the project.
Function Point Counts	Data Flow	The estimated number of function points associated with each requirements statement.
Functional Test Environment	Data Flow	Definition: The test environment that will be used to test the functionality of the system change.
Functional Test Plan	Data Flow	Definition: Set of established objectives designed to ensure the baseline functional requirements have been satisfied. These objectives should be developed in conjunction with customer representatives to provide user objectivity to the functional test.
Functionally Accepted Product	Data Flow	Definition: The final version of the product that has been approved by the customer during the acceptance test process.
High Level Design	Data Flow	Definition: The preliminary application and data structure design and the Critical Computer Resource Estimate which may include the hardware and network design.
Individual Performance Data	Data Flow	Personal performance information collected by the project manager and provided to the first line supervisor as direct input for annual performance appraisals.
Initial WBS	Data Flow	Definition: A copy of the Work Breakdown Structure created to support the original quick look estimate given to the customer.
Installation Results	Data Flow	Definition: All documented events, whether positive or negative, that occurred during the installation of the product / system.
Lessons Learned	Data Flow	Definition: A collection of ideas, observations, issues and concerns that will allow future projects to be

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		more successful.
Management IPRs	Data Flow	Definition: In Process Reviews performed for the DSDC management. This includes the product manager, executive directors and command.
Non Labor Expenditure Auth	Data Flow	The authorization from the project manager to expend / commit / disburse non-labor dollars in support of the project.
Non-Labor Expenditure Rqst	Data Flow	A request to disburse non-labor dollars in support of project. Typically these types of expenditures include travel, supplies, equipment or contracts required to successfully complete the project.
Non-Labor Expenditures	Data Flow	Actual disbursement of non-labor dollars in direct support of project.
PDR Results	Data Flow	Definition: The minutes and action items resulting from the Preliminary Design Review.
Preliminary Functional Rqmt	Data Flow	The complete list of requirement statements that were used in the development of detailed cost estimate for the project.
Product Documentation	Data Flow	Definition: The product documentation includes all documentation components that coordinate with and accompany the software release package, such as user's manuals, operator's manuals, training manuals, conversion instructions, installation instructions, guidelines for ET/IOC, etc. This documentation also includes all the logistics and training materials required to perform on-site training classes.
Product ET/IOC Support	Data Flow	Definition: Support provided to the customer and the operations site during the Initial Operation Capability and Environmental Testing.
Product Installation Support	Data Flow	Definition: Support provided during the actual installation of the system change in the production environment.

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Product Training	Data Flow	Definition: Instruction provided to the customer in the use and operation of the system changes being installed.
Production Performance Data	Data Flow	Definition: Information provided by the operations site on the overall performance of the baseline production system. Information includes current computer resource utilization and system responsiveness.
Production System CM Plan	Data Flow	Definition: The Configuration Management Plan for the existing production system.
Program Units	Data Flow	Definition: The initial modified or created program units.
Project Fund Status	Data Flow	Definition: Status of the project funding. This status will include a complete picture of the expenditure to date with analysis of variances from projected spending plans.
Project Funding	Data Flow	Definition: Dollars authorized for expenditure in the accomplishment of the project.
Project Invoice	Data Flow	Definition: Invoice issued to the DFAS for reimbursement of services or products provided in the completion of the project from the customer.
Project Metrics	Data Flow	Definition: A collection of quantifiable data that represents the overall performance of the project team and the project in general.
Project Status	Data Flow	Definition: Periodic updates of the progress being made in satisfying the customers requirement.

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Project Team	Data Flow	Definition: A subset of the Enabling Resources assigned to complete the tasks identified in the project plan.
Requirement Statements	Data Flow	The individual statement of the requirements for the project. Typically these statements are presented as single sentences. The aggregate of these statements represents the complete functional need for the project.
Resource Expenditures	Data Flow	The hours expended by human resources assigned to complete a specific task.
Review Results	Data Flow	Definition: Documented results of the Project Management Audits, Software Quality Assurance Reviews and Configuration Management Reviews.
Security Report	Data Flow	Definition: Results of the security analysis to determine if the system modification has had any impact on the production system accreditation.
Software Development Plan	Data Flow	Definition: The collection of plans that describe the activities to be performed for the software project. It governs the management of the activities performed by the software engineering group (i.e., project team members) for a software project.
Software Migration Requests	Data Flow	Definition: Requests coordinated through CM that establish the testing environments.
Software Product	Data Flow	Definition: The complete set, or any of the individual items of the set, of computer programs, procedures, and associated documentation and data designated for delivery to a customer or end user.

Object Name	Object Type	Long Description
Software Release Package	Data Flow	Definition: The software release package includes all the system components that comprise the product, such as screens, menus, programs, files, prompters, error messages, etc. It also includes any necessary forms, whether internal or external, required to release the product/system. A package may be comprised of multiple enhancement projects software of one project may be deployed in more than one release package.
Software Risk Evaluation	Data Flow	Definition: A formal evaluation of the risks associated with the successful completion of the assigned project.
Software Test Report	Data Flow	Definition: A formal report detailing the result of the functional test.
System Test Certification	Data Flow	Definition: Certification that the programs integration is complete and that the programs function properly when linked together.
System Test Environment	Data Flow	Definition: The test environment established to comply with the requirements of the system test plan.
System Test Plan	Data Flow	Definition: Set of established objectives designed to test the system efficiency and effectiveness. Those objectives must be successfully accomplished prior to the start of the functional test. The objectives test the effects on system capacity, response time, and durability.
Task Status	Data Flow	The status of each individual task in terms of percent complete and resource expenditures against it.
Team Performance Data	Data Flow	The aggregate performance information for all members of team. This information addresses how well the assigned tasked were completed and the overall attitude and team work of the individual team

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		members.
Time Reports	Data Flow	Time expended in the completion of individual tasks assigned to an associate of DSDC or subcontractor. The time is recorded against the specific Work Breakdown Structure element.
Training Package	Data Flow	Definition: The complete collection of training materials for the system change.
Updated DIST	Data Flow	The Defense Integration Support Tools (DIST) information on an application, updated with any changes caused by the enhancement project. The updates are provided to the DSDC DIST POC who in turn supplies the changes to DISA.
Updated DSDC Environment	Data Flow	Description: The result of the installation of all production system changes in the various DSDC test and developmental environments. This installation is coordinated through the CM staff.
Updated Program Documentation	Data Flow	The revised program level documentation for the production system which includes all of the new requirements associated with the enhancement.
Updated Rqmts Documentation	Data Flow	The revised functional documentation for the production system which includes all of the new requirements associated with the enhancement.
Updated System Documentation	Data Flow	Definition: Revised documentation that incorporates the changes made in satisfying the customers need.
User Documentation	Data Flow	Definition: The instructional materiel developed that describes how the system is to be used.
Accomplish CM	Data Process	Definition: The process of managing all of the Configuration Items associated with the project.

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		Resources: This process is accomplished by the Configuration Management personnel assigned to the team from the Directorate of Customer Integration.
Analyze Customer Rqmt	Data Process	<p>Definition: The preliminary analysis of the customers requirement. This analysis will produce a list of requirement statements and estimated sizing metrics for use in developing a project cost and time estimate.</p> <p>Resources: This task will be accomplished by the functional analysts assigned to the project team. The work accomplished will be reviewed by the first line supervisors and accepted by the project manager.</p>
Assemble Product Documentation	Data Process	<p>Definition: Preparation of all the components required to finalize the user's manual(s), operators manual(s), training maunual(s), and any other documentation that accompanies the final product including any necessary customer on-site training. This task is coordinated with the CM administrator.</p> <p>Resources: This task is accomplished by the Release Management personnel.</p>
Assemble Product Release Package	Data Process	<p>Preparation of the components required to release the production version or the product to the customer's sites, such as program units, forms, files, etc. This task is coordinated with the CM administrator.</p> <p>Resources: This task is accomplished by the Release Management personnel.</p>
Change Physical Data Structures	Data Process	<p>Definition: This process includes revising the database schemas or flat file structures to accommodate the customers requirement.</p> <p>Resources: This is generally accomplished by the Database Analysts assigned to the project from the Product Development Directorate.</p>
Conduct CDR	Data Process	<p>Definition: The formal process of presenting the final design for the system change to the customer, peers and DSDC management.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate. The Project Manager, representatives from Technology Infusion and Command are normally present.</p>
Conduct PDR	Data Process	Definition: The formal presentation of the High Level Design to the Customer and DSDC management for review. Comments / suggestions are solicited from

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		the attendees. Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate. The Project Manager, representatives from Technology Infusion and Command are normally present.
Conduct Project Review	Data Process	Definition: An internal review of the project. The purpose of the review is to analyze the successes and failures of the project based upon the results achieved. This review will include analyzing all metric, performance and personnel issues associated with the project and the project team. Resources: All project resources will participate including the first line supervisors.
Conduct Unit Test	Data Process	Definition: The process of testing each program unit, in a standalone environment, to ensure it is functioning correctly. Each program unit will be certified ready for system test by the programmer responsible for making the program changes. Resources: This is generally accomplished by the Programmers assigned to the project from the Product Development Directorate. First line supervisors will review the results of these tests.
Design	Data Process	Definition: The process of analyzing the functional requirements baseline and identifying the necessary changes required to implement the customers requirements into the existing system. The design process produces architectural documents describing the required system modifications.
Develop Baseline WBS	Data Process	Definition: The process of developing the initial baseline work breakdown structure. This initial plan contains the resource allocation and necessary control relations. Resources: This task is accomplished by the project team.
Develop Detailed Level Design	Data Process	Definition: Utilizing the high level design and Preliminary Design Review results the application and data structure design are refined into the detailed level design. Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.
Develop High Level Design	Data Process	Definition: This process is composed of designing the application and data structures, analyzing the capacity of the hardware and software, and consolidating these in preparation for the preliminary

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		design review. Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.
Develop SDP	Data Process	Definition: The assembly of the all of the component parts of the Software Development Plan. Resources: This task is accomplished by the entire project team.
Develop Test Environment	Data Process	Definition: The creation of the plans and environment necessary to support the system and functional tests. These environments are based upon software integration requests that are coordinated through configuration management. Resources: This is accomplished by Functional Analysts, System Support, Programmers, System Analysts and Technology Infusion personnel. Readiness review includes the Project Manager and first line supervisors.
Development	Data Process	Definition: The process of physically creating or modifying the required program modules to satisfy the design approved during the Critical Design Review.
Est Development Environment	Data Process	Definition: The process of making adequate computer resources available to support the development activities. This process may include the establishing of suitable physical space to house the development staff. Resources: This is generally accomplished by members of the team assigned from the System Support and Technology Infusion Directorates.
Establish Functional Baseline	Data Process	Definition: Obtain concurrence from the customer on the Detailed Functional Requirements of the project. Resources: This generally includes the Functional Analysts, Project Manager and other team members as required.
Evaluate Project Performance	Data Process	Definition: The process of analyzing the task accomplishments against project plans and goals. Resources: The project manager and project analysts accomplish this task.
Expense Item Enhancements	Data Process	Definition: A modification to an existing production system that will have a total project cost less than \$100,000.
Integration	Data Process	Definition: The testing (i.e., system and functional)

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		performed to verify that the software project fulfills the customer's requirements.
Manage Project Funds	Data Process	<p>Definition: The process of recording all expenditures against the project and generating bills to the customers for work accomplished.</p> <p>Resources: This task is accomplished the comptroller person assigned to the project.</p>
Modify/Develop Programs Modules	Data Process	<p>Definition: The process of creating the necessary program code to implement the processing logic required by the customer. This process also includes the development of the necessary program level documentation.</p> <p>Resources: This is generally accomplished by the Programmers assigned to the project from the Product Development Directorate. First line supervisors will review the code created to ensure it complies with DSDC standards.</p>
Perform Functional Test	Data Process	<p>Definition: The testing of the system by functional users/experts to determine that the changes accomplished the specified results expected as prescribed in the baseline requirements. Certify readiness for release of product/system to customer.</p> <p>Resources: This task is accomplished by the Functional Analysts in conjunction with System Analysts and Programmers. First line supervisors will review the results.</p>
Perform Software Risk Evaluation	Data Process	<p>Definition: Identification and analysis of risks associated with the project.</p> <p>Resources: This task is accomplished by the Software Risk Evaluation team in conjunction with the project team members.</p>
Perform System Test	Data Process	<p>Definition: Ensuring that the individual program units function as a cohesive system when linked together.</p> <p>Resources: This task is performed by the System Analysts with help from the Functional Analysts. First line supervisors will review the certification results.</p>
Post Product Delivery	Data Process	<p>Definition: Providing all customer requested support to facilitate the product/system installation and ET/IOC. Conducting a final project review that summarizes all of the findings from the project to create a lessons learned artifact. Updating the internal development environment so that it remains current for future development.</p>
Product Delivery	Data Process	<p>Definition: (P7) Assembling all software, documentation and customer training components for</p>

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		delivery of the final product/system to the customer.
Progress Project	Data Process	<p>Definition: The process of recording resource expenditures against the individual project tasks. This includes accounting for both labor and non-labor expenditures. Additionally, this task includes recording the relative percent complete with the task.</p> <p>Resources: All members of the project team are involved in accomplishing this task.</p>
Project Planning	Data Process	<p>Definition: Developing baseline Work Breakdown Structure (WBS) and establishing the predecessor/successor relationships allocating resources to the tasks required to accomplish the project.</p>
Project Support	Data Process	<p>Definition: Ancillary functions in direct support of the project that are not considered part of the planning function.</p>
Project Tracking and Oversight	Data Process	<p>Definition: Tracking the progress of the various activities within the project. Having awareness of problems and issues which may impact the project, and taking actions to correct them so as not to impact the schedule, cost or quality of the project. Providing project status to the customer and DSDC management.</p>
Provide ET/IOC Support	Data Process	<p>Definition: Assisting the customer with the Environmental Test and Initial Operational Capability</p> <p>Resources: This task is accomplished by the project team as a whole.</p>
Provide Installation Support	Data Process	<p>Definition: Assisting the customer with the installation of the product/system.</p> <p>Resources: This task if accomplished by the Release Management and Operations Support personnel from the System Support Directorate.</p>
Release Product	Data Process	<p>Definition: Transmission of the completed software release package and delivery of all documentation to the customer.</p> <p>Resources: This task is accomplished by the Release Management personnel. First line supervisors should review all products prior to release.</p>
Requirements Definition	Data Process	<p>Definition: The process of clarifying the customer's need into distinct requirements to be understood by designers and developers.</p>
Update / Develop Documentation	Data Process	<p>Definition: This process addresses the maintenance</p>

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		<p>required to the End User Documentation and Operations Documentation. As the design is finalized and development begins it should be possible to assess the changes required to these documents and make the necessary procedural changes.</p> <p>Resources: This is generally accomplished by the Functional Analysts and System Support team members.</p>
Update / Develop Systems Doc	Data Process	<p>Definition: The process of updating or creating the necessary system level documentation for the project. This documentation typically includes: System Specifications and Database Specifications. In those system where DoD-STD-7935A was not followed appropriate system level documentation will be included.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate. First line supervisors should perform a detailed review of the products produced.</p>
Update DIST	Data Process	<p>The existing Defense Integration Support Tools (DIST) information on the application which has undergone an enhancement must be examined for accuracy. Any changes caused by the enhancement project must be reflected in the DIST data. The project manager should request a DIST report on their application from the DSDC DIST POC. The project team should verify/update the information and provide any changes to the DIST POC. Once those changes are made, the DIST POC will supply the changes to DISA.</p>
Update DSDC Test Environment	Data Process	<p>Definition: The process of installing the revised and new programs on the DSDC development environment.</p> <p>Resources: This task if accomplished by the Release Management and Operations Support personnel from the System Support Directorate.</p>
Update/Establish Functional Rqmt	Data Process	<p>Definition: The process of applying customer requirements to existing system documentation. This includes logical process models, logical data models, and input/output formats.</p> <p>Resources: This is generally accomplished by the functional analysts on the team.</p>
Customer (Input)	External Entity	<p>Definition: Any organization with a requirement and money willing to pay DSDC to accomplish the development or maintenance of an information system.</p>

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Customer (Output)	External Entity	Definition: Any organization with a requirement and money willing to pay DSDC to accomplish the development or maintenance of an information system.
DFAS (Input)	External Entity	Defense Finance Accounting Service
DISA (Input)	External Entity	Defense Information Systems Agency - The DIST is maintained by DISA. Enhancement projects will update application DIST information as needed.
DISA (Output)	External Entity	Defense Information Systems Agency - The DIST is maintained by DISA. The applications current DIST information is provided by DISA.
DSDC (Input)	External Entity	Definition: The DLA Systems Design Center.
DSDC (Output)	External Entity	Definition: The DLA Systems Design Center.
Operations Site	External Entity	Definition: Any of the sites operating one of more of the standard systems developed by DSDC. Generally this is a Defense Mega Center.
