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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.
Account Balance	Data Flow	The dollar balance remaining on a Project Account after an action is posted.
Acquisition Plan	Data Flow	Definition: A formal document identifying the approach to be used in the acquisition of software, hardware and contractor services in support of the project.
Acquisition Strategy	Data Flow	Definition: Approach to be used to accomplish the required acquisition in support of the project.
Allocated Baseline	Data Flow	In configuration management, the initial approved specifications governing the development of configuration items that are a part of a higher level configuration item.
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 accepted design for the system change.

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Object Name	Object Type	Long Description
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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.
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Baseline WBS	Data Flow	Definition: The initial approved project plan.
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Object Name	Object Type	Long Description
Billing Authorization	Data Flow	The authorization from the project manager or financial manager to bill the customer for services provided.
CDR Briefing Material	Data Flow	Definition: The complete set of briefing materials for the CDR.
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 Problem Reports	Data Flow	Definition: Certification that the problem condition has been corrected and that the program is functioning correctly.
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.

Object Name	Object Type	Long Description
Contractor Resources	Data Flow	Definition: Resources provided through a valid contract vehicle in support of the project.
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 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 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 customer's satisfaction with the products and services

<u>Object Name</u>	<u>Object Type</u>	<u>Long Description</u>
		provided by DSDC and it's subcontractors.
Customer Survey Data	Data Flow	Definition: The result of the analysis of the customer survey.
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 Application Design	Data Flow	Definition: High Level Application Design with the PDR results applied.
Detailed Data Structure Design	Data Flow	Definition: High Level Data Structure Design with the PDR results application.
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.
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

Object Name	Object Type	Long Description
		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.
Developmental Config (Code)	Data Flow	The software and associated technical documentation from the code phase that define the evolving CIs.
Developmental Config (Design)	Data Flow	The software and associated technical documentation from the design phase that define the evolving CIs.
Developmental Config (Test)	Data Flow	The software and associated technical documentation from the integration phase that define the evolving CIs.
DJSA Review Results	Data Flow	The detailed findings and observations from the DJSA review.
DJSA Review Schedule	Data Flow	The schedule for performing DJSA reviews on this project.
Documentation Review Results	Data Flow	Definition: Certification that documentation is accurate.
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. This will 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.

Object Name	Object Type	Long Description
Existing Program Doc	Data Flow	Definition: The complete set of existing documents that describes the individual programs for the production system.
Existing Rqmts Doc	Data Flow	Definition: The complete set of existing documents that describes the functionality of the production system.
Existing Systems Documentation	Data Flow	Definition: The complete set of documentation for the existing production system.
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 Baseline	Data Flow	In configuration management, the initial approved technical documentation for a configuration item.
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

Object Name	Object Type	Long Description
		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.
Human Resource Utilization Data	Data Flow	Definition: Work hour charges against the project.
HW & SW	Data Flow	Definition: The installation of any computer hardware or developmental software acquired to support the project.
I/O Formats	Data Flow	Definition: Screen and Report formats.
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

Object Name	Object Type	Long Description
		the product/ system.
Lessons Learned	Data Flow	Definition: A collection of ideas, observations, issues and concerns that will allow future projects to be more successful.
Logical Data Models	Data Flow	Definition: Graphic representation of entities and their relationships. It is a model of the data required by a business function or set of functions.
Logical Process Models	Data Flow	Graphic representation of the processes required to perform a business function or set of business functions.
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 Briefing Materiels	Data Flow	Definition: The complete set of briefing materiels required to support the successful completion of the PDR.
PDR Results	Data Flow	Definition: The minutes and action items resulting from the Preliminary Design Review.

Object Name	Object Type	Long Description
Preliminary Application Design	Data Flow	Definition: The first cut design documents depicting the physical design of the application. These documents include: Screen Formats, Report Formats, Program Module Identification, Conversion Criteria, and Interface Requirements.
Preliminary Data Design	Data Flow	Definition: The first cut data structure design documents depicting the physical design of the file systems within the application/ system. These documents include: Schema Changes, Flat File Structure Changes, and File Conversion Mapping.
Preliminary Functional Rqmt	Data Flow	The complete list of requirement statements that were used in the development of detailed cost estimate for the project.
Preliminary WBS	Data Flow	The initial work breakdown structure prior to the deconflicting of resources and the final adjustments to relationships.
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.
Product Training	Data Flow	Definition: Instruction provided to the customer in the

Object Name	Object Type	Long Description
		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 Corrections	Data Flow	Definition: The corrected programs.
Program Problems	Data Flow	Definition: Problems identified during the execution of the test scenarios.
Program Units	Data Flow	Definition: The initial modified or created program units.
Project Account	Data Flow	The financial account established to track all costs incurred in the completion of a project.
Project Estimate	Data Flow	The estimated time and duration required to successfully complete the project.
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.

Object Name	Object Type	Long Description
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 customer's requirement.
Project Team	Data Flow	Definition: A subset of the Enabling Resources assigned to complete the tasks identified in the project plan.
Refined WBS	Data Flow	The working copy of the work breakdown structure that includes the appropriate predecessor/successor relationships and resource allocation.
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.

Object Name	Object Type	Long Description
Resource Loaded Tasks	Data Flow	Tasks that include the identification of specific resources required to accomplish the effort.
Review Results	Data Flow	Definition: Documented results of the Project Management Audits, Software Quality Assurance Reviews and Configuration Management Reviews.
Risk Management Plan	Data Flow	Definition: A formal document identifying a plan to manage the risks identified during the Software Risk Evaluation.
Security Plan	Data Flow	Definition: The formal plan developed to ensure the production system accreditation is not affected by the system change.
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.
Self Assessment	Data Flow	Definition: The results of the CMM self assessment.
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.

Object Name	Object Type	Long Description
Software Migration Request	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.
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..

Object Name	Object Type	Long Description
SQA Plan	Data Flow	Definition: A document for each software development and maintenance project that specifies the project's goals, the SQA tasks to be performed, the standards against which the development work is to be measured, and the procedures and organizational structure.
Subcontract Management Plan	Data Flow	Definition: A formal document identifying the COR, and COTR for the contracts supporting the project and any specific responsibilities they hold. It will detail what products the subcontractor will provide (schedules, plans, and status). It will list alternative consequences depending on how the project proceeds.
Successful Test Scenarios	Data Flow	Definition: Certification of those test scenarios that were completed successfully.
SW Rqmts Review Results	Data Flow	Definition: The documented results of the Software Requirements Review.
System Performance Results	Data Flow	Definition: The results of the evaluation of the production system performance after the installation of the system change.
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.

<u>Object Name</u>	<u>Object Type</u>	<u>Long Description</u>
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 the project team. This information addresses how well the assigned tasks were completed and the overall attitude and team work of the individual team members.
Tested Programs	Data Flow	Definition: Those programs that have been successfully tested.
Time Allocated Tasks	Data Flow	Tasks from the standard process model that have allocated time and duration estimates applied.
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.
Trained Project Team	Data Flow	Definition: A project team that has completed any necessary training required to allow for the successful completion of the assigned project.
Training Package	Data Flow	Definition: The complete collection of training materials for the system change.

Object Name	Object Type	Long Description
Training Plan	Data Flow	Definition: A formal document representing the identification of training required for the project team and ultimate users of the system change.
Training Requirement	Data Flow	Definition: Project team members who have been trained in the skills necessary to support the project.
Training Review Results	Data Flow	Definition: Certification that the training is acceptable.
Unit Test Certifications	Data Flow	Definition: The first line supervisors certification that the programs have been tested, are functioning correctly and adhere to internal DSDC standards.
Updated CM Plan	Data Flow	Definition: The revised Configuration Management Plan containing those changes resulting from this project.
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 development environments. This installation is coordinated through the CM staff.
Updated Program Doc	Data Flow	Definition: The revised program level documentation for the production system that includes all new requirements associated with the enhancement.
Updated Rqmts Doc	Data Flow	Definition: 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 material developed that

Object Name	Object Type	Long Description
Accomplish Acquisition	Data Process	<p>Definition: The process of accomplishing the acquisition for hardware, software, or contractor services in support of the project. This process also includes performing all post award and contract closeout function.</p> <p>Resources: This task is performed by the Acquisition Team.</p>
Accomplish CM	Data Process	<p>Definition: The process of managing all of the Configuration Items associated with the project.</p> <p>Resources: This process is accomplished by the Configuration Management personnel assigned to the team from the Directorate of Customer Integration.</p>
Accomplish Test Scenarios	Data Process	<p>Definition: The process of executing the Functional Test Plan. This includes executing each test condition and comparing the result against the predicted results.</p> <p>Resources: This task is accomplished by the functional users with the assistance of the functional analysts.</p>
Allocate Estimate to Tasks	Data Process	<p>Definition: The process of entering the percentages of the total project estimate that will be allocated to each individual task within the work breakdown structure. This process includes the distribution of both total hours and duration estimates. The project manager has the authority to over ride the estimates provided by the model. If the model estimates are not used, adequate documentation will be provided supporting the project managers decision.</p> <p>Resources: This task will normally be accomplished by the project manger in conjunction with the project analyst assigned to the effort.</p>
Analyze Customer Rqmt	Data Process	<p>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</p>

Object Name	Object Type	Long Description
Analyze Project Performance	Data Process	<p>supervisors and accepted by the project manager.</p> <p>Definition: The process of evaluating the overall performance of the project. Lessons Learned will be produced to help improve future projects and the overall process.</p> <p>Resources: This task will be accomplished by the Project Manager with help, as required, from the project team members.</p>
Analyze Project Performance Data	Data Process	<p>Definition: The process of comparing the actual performance of the team against the project plan. This will permit the project manager to determine the actual progress accomplished to date. Status reporting will be accomplished as a direct result of this activity.</p> <p>Resources: The project manager and project analysts typically perform this task.</p>
Analyze Results	Data Process	<p>Definition: The process of reviewing the results of the CMM Level 2 review.</p> <p>Resources: This task is accomplished by the Project Manager, First Line Supervisor and other DSDC management personnel.</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 manual(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>
Assemble SDP	Data Process	<p>Definition: The process of aggregating individual plans into a single project repository.</p> <p>Resources: This function is generally performed by the members of the project team responsible for the development of the individual plans. The Project Manager has the lead in the finalization of the SDP. First Line Supervisors should review the individual products to ensure adherence to standards.</p>

Object Name	Object Type	Long Description
Assign Resources to Tasks	Data Process	<p>Definition: The process of assigning individual resources to the project tasks.</p> <p>Resources: This task is normally accomplished by the project manager, first line supervisors of the vertical organizations and project analyst.</p>
Authorize Non-Labor Expenditures	Data Process	<p>Definition: The process of authorizing the expenditure of funds in support of non-labor requirements for the project.</p> <p>Resources: The project manager is the only person authorized to perform this task.</p>
Bill Customer	Data Process	<p>Definition: The process of generating the information required to support a 1080 bill to the customer. This includes the preparation of the detailed invoice for the work accomplished.</p> <p>Resources: This task is accomplished by the comptroller personnel assigned to the team.</p>
Brief CDR	Data Process	<p>Definition: The process of accomplishing the formal CDR presentation.</p> <p>Resources: The project team will participate in the CDR.</p>
CDR Project Plan Update	Data Process	<p>Definition: The process of updating the Software Development Plan (SDP) as a result of the CDR. This update will validate the the FRR Updated SDP and make the additions/ revisions necessary to insure successful completion of the project.</p> <p>Resources: This process is normally accomplished by the Project Manager and First Line Supervisors with input from the team members.</p>
Certify Program Units	Data Process	<p>Definition: The process of certifying the program test results. This certifies that the program tests have been completed, that the programs are functioning according to specifications and that the programs follow existing DSDC standards.</p> <p>Resources: This task is performed by the First Line Supervisors.</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>
Check Corrected Problems	Data Process	<p>Definition: The process of insuring that all corrected</p>

Object Name	Object Type	Long Description
		programs are functioning properly.  Resources: This is accomplished by the functional users with the assistance of the functional analysts.
Close Project Account	Data Process	Definition: The process of reconciling the project account and insuring all final entries have been posted. The account is then closed.  Resources: This task is accomplished by the comptroller personnel assigned to the team.
Collect Project Metrics	Data Process	Definition: Collect estimated and actual quantitative data about the project in accordance with DSDCI 8120.004.  Resources: This function will be performed by the Project Analysts.
Complete CMM Self Assessment	Data Process	Definition: The process of conducting a CMM self assessment on the project.  Resources: The entire team will participate in this effort.
Conduct CDR	Data Process	Definition: The formal process of presenting the final design for the system change to the customer, peers and DSDC management.  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 Customer Survey	Data Process	Definition: The process of developing a customer survey specific to the project, administering the survey, and analyzing the results.  Resources: This task is performed by the Customer Integration folks assigned to the project.
Conduct DJSA Reviews	Data Process	DSDC Joint Software Quality Assurance Audit - The process of reviewing the Configuration Management, Project Planning/Project Tracking and Oversight, and Software Quality Assurance activities of the project and comparing them to DSDC's policies and procedures. This task is accomplished by an audit team with representatives from the staff of Product Management, SQA, and Customer Integration's CM team.
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 the attendees.

Object Name	Object Type	Long Description
		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 IPRs	Data Process	<p>Definition: The process of preparing and conducting IPRs for DSDC Management and the Customer.</p> <p>Resources: The entire project team, including first line supervisors, are involved in the development of the project IPRs. Usually, the Project Manager is responsible for the actual presentation.</p>
Conduct Project Review	Data Process	<p>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.</p> <p>Resources: All project resources will participate including the first line supervisors.</p>
Conduct Unit Test	Data Process	<p>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.</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 results of these tests.</p>
Consolidate Detailed Level Des	Data Process	<p>Definition: Combining the detailed application and data structure designs into a detailed design document.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate. First line supervisors must review these products.</p>
Consolidate High Level Design	Data Process	<p>Definition: Combining the application and data structure designs into a high level design document.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Correct Problems	Data Process	<p>Definition: The process of correcting any problems identified during the test process.</p> <p>Resources: This is accomplished by the programming and design resources assigned to the project team.</p>

Object Name	Object Type	Long Description
Design	Data Process	<p>Definition: The process of analyzing the functional requirements baseline and identifying the necessary changes required to implement the customer's requirements into the existing system. The design process produces architectural documents describing the required system modifications.</p>
Design Application	Data Process	<p>Definition: The process of identifying the system modules that must be modified or created to implement the functional requirements. This process deals with the application logic and the operations performed against the system data.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Design Data Structures	Data Process	<p>Definition: The process of analyzing the impact of the functional requirement on the system data structures. Changes in the database schema and flat file structures will be identified and documented during this process.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Dev Detailed Application Design	Data Process	<p>Definition: The incorporation of PDR results into the High Level Design.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Dev Detailed Data Structure Des	Data Process	<p>Definition: The process of applying the PDR results to the High Level Data Structure Design.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Develop Acquisition Plan	Data Process	<p>Definition: Identification of required procurement actions and development of an action plan to acquire the necessary software, hardware or contractor services to accomplish the project.</p> <p>Resources: The Procurement Resources with the Technology Infusion Directorate will develop the basic acquisition plan. The Project Manager will approve the plan.</p>
Develop Baseline WBS	Data Process	<p>Definition: The process of developing the initial baseline work breakdown structure. This initial plan contains the resource allocation and necessary control relations.</p>

Object Name	Object Type	Long Description
		Resources: This task is accomplished by the project team.
Develop CM Plan	Data Process	<p>Definition: The process of identifying the necessary changes required to the production system Configuration Management Plan. Specific requirements for the project will be added to plan and an updated version of the CM Plan produced.</p> <p>Resources: Resources from the Customer Integration Directorate will be used to accomplish this work. First Line supervisors should review the changes to insure adherence to existing policies and procedures. The Project Manager is required to review the final product and approve its use.</p>
Develop Detailed Level Design	Data Process	<p>Definition: Utilizing the high level design and Preliminary Design Review results the application and data structure design are refined into the detailed level design.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Develop High Level Design	Data Process	<p>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 design review.</p> <p>Resources: This is generally accomplished by the System Analysts assigned to the project from the Product Development Directorate.</p>
Develop Risk Management Plan	Data Process	<p>Definition: Establishment of a detailed plan to mitigate the risks identified during the Software Risk Evaluation. In some instances risks will be controlled or even watched without any significant effort in place to eliminate the risk.</p> <p>Resources: The Project Manager in conjunction with selected team members will prepare the majority of the plan. Assistance may be requested from the Requirements Development Directorate Risk Evaluation experts in the finalization of the plan.</p>
Develop SDP	Data Process	<p>Definition: The assembly of all of the component parts of the Software Development Plan.</p> <p>Resources: This task is accomplished by the entire project team.</p>
Develop Security Plan	Data Process	<p>Definition: Establishment of a detailed plan to ensure the accreditation of the system is not effected by the system change.</p>

Object Name	Object Type	Long Description
		<p>Resources: The System Security resources from the Technology Infusion Directorate will be used to develop the basic plan. First line supervisors should review the plan for adherence to policies and procedures. The Project Manager will approve the plan.</p>
Develop SQA Plan	Data Process	<p>Definition: Identification of the required Quality Assurance functions that will be associated with the project. The plan developed will specify the project's goals, the SQA tasks to be performed, the standards against which the development work is to be measured, and the procedures and organizational structure.</p> <p>Resources: The members of the Software Quality Assurance organization of the Business Management Directorate will develop the basic plan. The Project Manager will review and approve.</p>
Develop Test Environment	Data Process	<p>Definition: The creation of the plans and environment necessary to support the system and functional tests. These environments are based upon software migration requests that are coordinated through configuration management.</p> <p>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.</p>
Develop Training Package	Data Process	<p>Definition: Develop the training package for the users and operators of the system. This will include background information on the change being made, how information is entered, updated deleted and reported. Operations training will include any changes required as a result of the system change.</p> <p>Resources: This task will be accomplished by the Functional Analysts and System Support team members. First line supervisors must review the products produced.</p>
Develop Training Plan	Data Process	<p>Definition: Identification of training required to accomplish the tasks for DSDC resources and other contractor/ user environments. The plan will identify specific classes required and proposed schedules to accomplish the training.</p> <p>Resources: This task is normally accomplished by the training staff assigned to Technology Infusion Directorate.</p>
Development	Data Process	<p>Definition: The process of physically creating or modifying the required program modules to satisfy</p>

Object Name	Object Type	Long Description
		the design approved during the Critical Design Review.
Development Plan Update	Data Process	<p>Definition: The process of updating the Software Development Plan (SDP) as a result of the completion of the Development Phase of the project. This update will revise the CDR Updated Plan to include necessary changes to insure successful completion of the project.</p> <p>Resources: This task is generally accomplished by the Project Manager and the First Line Supervisors with input from the team.</p>
Est Development Environment	Data Process	<p>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.</p> <p>Resources: This is generally accomplished by members of the team assigned from the System Support and Technology Infusion Directorates.</p>
Establish Baseline WBS	Data Process	<p>Definition: The process of creating the baseline version of the project plan.</p> <p>Resources: This task is accomplished by the project analyst.</p>
Establish Functional Baseline	Data Process	<p>Definition: Obtain concurrence from the customer on the Detailed Functional Requirements of the project.</p> <p>Resources: This generally includes the Functional Analysts, Project Manager and other team members as required.</p>
Establish Project Account	Data Process	<p>Definition: The process of establishing a Project Group Code (PGC) which provides the project team with a place to charge their time.</p> <p>Resources: This task is accomplished by the comptroller personnel assigned to the team.</p>
Establish Test Environment	Data Process	<p>Definition: The creation of the computer environment necessary to support System and Functional testing. This includes the conversion of data, loading of programs, allocation of work space, updating security authorizations, and loading necessary data into the test files.</p> <p>Resources: This activity is accomplished by the System Support personnel assigned to the project team.</p>
Evaluate Proj Team Performance	Data Process	Evaluate project team members performance and

Object Name	Object Type	Long Description
		provide this to the appropriate line supervisors.
Evaluate Project Performance	Data Process	<p>Definition: The process of analyzing the task accomplishments against project plans and goals.</p> <p>Resources: The project manager and project analysts accomplish this task.</p>
Evaluate Project Status	Data Process	<p>Definition: The process of analyzing the task status, project fund status, review results and project metrics to determine the general state of the project.</p> <p>Resources: The project manager and project analysts typically perform this task.</p>
Evaluate System Performance	Data Process	<p>Definition: This is the process of evaluating the impact of the system change on the production system performance.</p> <p>Resources: This task is accomplished by the Capacity Planning folks from the Technology Infusion Directorate.</p>
Evaluate Team Member Performance	Data Process	<p>Definition: The process of evaluating the performance of each individual assigned to the project team. This evaluation will consider successful completion of tasks, timely completion of tasks, teamwork, and attitude while assigned to the project. The evaluation will be provided to each team member's first line supervisor and discussed with each team member.</p> <p>Resources: This task can only be accomplished by the project manager.</p>
Export to Project View	Data Process	<p>Definition: The process of exporting the preliminary work breakdown structure from PPMT to the Project View package.</p> <p>Resources: This task is normally accomplished by the project analyst.</p>
Finalize Functional Rqmts	Data Process	<p>Definition: The process of completing the action items resulting from the Functional Requirements Review. Customer approval is obtained once all action items are completed.</p> <p>Resources: This is accomplished by the Functional Analysts. First line supervisors must review the output for accuracy.</p>
FRR Project Plan Update	Data Process	<p>Definition: This process updates the Software Development Plan (SDP) to include additional detail now available for the remaining phases of the project. It also allows for an overall review of the baselined WBS to insure changes are not required as a result</p>

Object Name	Object Type	Long Description
		of the baseline functional requirement.  Resources: The entire project team in involved in this process.
FT Update of the Project Plan	Data Process	Definition: The process of updating the Software Development Plan (SDP) as a result of the Functional Test activities.  Resources: This is accomplished by the Project Manager and the First Line Supervisor with input from the project team.
Functional Test Certification	Data Process	Definition: The process of preparing the detailed Functional Test Report and signing of the acceptance documents for the product.  Resources: This task is accomplished by the Project Manager.
Identify Preliminary I/O Formats	Data Process	Definition: Prepare preliminary report and screen formats.  Resources: This is generally accomplished by the Functional Analysts on the team.
Integration	Data Process	Definition: The testing (i.e., system and functional) performed to verify that the software project fulfills the customers requirements.
Major Capital Enhancements	Data Process	Definition: A modification to an existing production system that will have a total project cost in excess of \$500,000.
Manage Project Funds	Data Process	Definition: The process of recording all expenditures against the project and generating bills to the customers for work accomplished.  Resources: This task is accomplished the comptroller person assigned to the project.
Modify/Develop Programs Modules	Data Process	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.  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.
PDR Briefing	Data Process	Definition: The formal presentation of the PDR to the customer and DSDC management.  Resources: The project team members will

Object Name	Object Type	Long Description
		participate in the PDR. DSDC management officials and required representatives of the vertical organizations will be present.
Perform Capacity Analysis	Data Process	<p>Definition: The process of analyzing potential impacts on the production system environment caused by the program changes being made. Attention will be paid to impacts on batch cycle run time, on-line transaction processing response times and DASD consumption required to implement the system change.</p> <p>Resources: This work is accomplished by the Capacity Planning Management folks assigned to the project from the Technology Infusion Directorate. First line supervisors must review the products produced.</p>
Perform CMM Level 2 Reviews	Data Process	<p>Definition: The project is audited to verify CMM level 2 policies and procedures are being followed.</p> <p>Resources: Members of the Business Management, Product Management, and Customer Integration staff.</p>
Perform Design Phase CM	Data Process	During the High-Level and Detail Design phase, the developers will establish Software Development Files (SDFs) for each CI/CSCI.
Perform Development Phase CM	Data Process	During this phase developers begin coding and performing tests based upon the design descriptions and Test Plan. Code that complies with the Software Requirements Specification and System/Subsystem Specification is placed under CM and recorded in the SDF(s).
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 Integration Phase CM	Data Process	Tests are performed and the results are recorded in accordance with the Software Test Descriptions. The Software Test Report(s) will be placed under CM.
Perform Planning Phase CM	Data Process	During this phase, the major concerns of Configuration Management are the development/Implementation of the CM Plan (and/or Software CM Plan), the Identification of Configuration Items (CIs) and establishing/controlling/maintaining the Functional Baseline.

Object Name	Object Type	Long Description
Perform Requirements Phase CM	Data Process	<p>During this phase the Software Requirements Specification and Interface Requirements Specification for each CI/CSCI selected is finalized. These products will be examined by both the developers and acquirer at scheduled Software Requirements Reviews (SRRs) and placed under control by CM.</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 Software Rqmts Review	Data Process	<p>Definition: This is the process of formally presenting the Detailed Functional Requirement to the customer for acceptance. Tasks normally include: preparing briefing materials, scheduling the meeting and performing the review.</p> <p>Resources: This is generally accomplished by the Project Manager and the Functional Analysts assigned to the team.</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>
Perform Task Completion Analysis	Data Process	<p>Definition: The process of evaluating the time recorded against a task and the work accomplished with the intent of identifying the task as complete.</p> <p>Resources: This task is accomplished by the project manager and project analyst.</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 environments so that it remains current for future development.</p>
Post Project Expenditures	Data Process	<p>Definition: The process of entering of the resource expenditures and non-labor expenditures into the project account.</p> <p>Resources: This task is accomplished by the comptroller personnel assigned to the team.</p>

Object Name	Object Type	Long Description
Prepare Final CM Report	Data Process	The Product Baseline (release) Contents Report is prepared and the Change Control Report is updated.
Prepare for CDR	Data Process	<p>Definition: The process of reviewing the results of the PDR and insuring all action items have been satisfied in the detailed design. This process also includes the development of the detailed briefing materials for the CDR.</p> <p>Resources: This process is accomplished by the project team members.</p>
Prepare for PDR	Data Process	<p>Definition: The process of preparing all of the necessary briefing materials for the PDR.</p> <p>Resources: This process is accomplished by the entire project team.</p>
Prepare Functional Documentation	Data Process	<p>Definition: Prepare the Functional Description (FD) according to DoD-STD-7935A or the Operational Concept Description and System/Subsystem Specification according to MIL-STD-498.</p> <p>Resources: This is generally accomplished by the Functional Analysts on the team.</p>
Prepare Functional Test Plan	Data Process	<p>Definition: Prepare a plan documenting the participants, controls, and test conditions involved in the Functional Test. The objectives should be developed in conjunction with customer representatives.</p> <p>Resources: This task is accomplished by the Functional Analysts.</p>
Prepare Project Estimate	Data Process	<p>Definition: The process of entering the requirements statements and sizing information into the PPMT cost estimation process. The result will be an estimate of total hours and duration to accomplish the project.</p> <p>Resources: This task will normally be accomplished by the project manager in conjunction with the project analyst assigned to the effort.</p>
Prepare System Test Plan	Data Process	<p>Definition: Prepare a plan documenting the participants, controls, and test conditions involved in the System Test.</p> <p>Resources: This task is accomplished by the Programmers and Design Analysts.</p>
Prepare/Distr. Customer Survey	Data Process	Customer Integration will prepare a customer survey on the project and its results and distribute it to the customer.
Product Delivery	Data Process	Definition: Assembling all software, documentation and customer training components for delivery of the

Object Name	Object Type	Long Description
		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 is accomplished by the Release Management and Operations Support personnel from the System Support Directorate.</p>
Receive Customer Survey Data	Data Process	<p>The project survey is received from the customer and compiled.</p>
Record Time Against Tasks	Data Process	<p>Definition: The process of posting the actual time expended in the accomplishment of a task by the associate assigned the responsibility for the completion of the task.</p> <p>Resources: All team members participate in this task.</p>
Refine Schedule Relationships	Data Process	<p>Definition: The process of modifying the predecessor / successor relationships within the project plan.</p>

Object Name	Object Type	Long Description
		<p>These relationships may need to be changed or perhaps deleted based upon the requirements of a specific project. Additionally, the resource utilization is analyzed and the conflicts are resolved.</p> <p>Resources: This task is accomplished by the project manager, first line supervisors and project analysts</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>
Rev Human Resource Util Data	Data Process	<p>Review Human Resource Utility Data.</p>
Review Documentation	Data Process	<p>Definition: The process of reviewing all product documentation for completeness and correctness.</p> <p>Resources: This function is accomplished by the functional users in conjunction with the functional analysts.</p>
Review Non-Labor Expend Auth	Data Process	<p>Review Project funding to determine the non labor expenditure authority.</p>
Review Training	Data Process	<p>Definition: The process of reviewing the training materials for completeness and accuracy.</p> <p>Resources: This function is accomplished by the functional users in conjunction with the functional analysts.</p>
Schedule Reviews	Data Process	<p>Definition: The process of preparing for the CMM Level 2 reviews. This includes insuring all artifacts are available for review.</p> <p>Resources: This task is accomplished by the project team.</p>
Test Programs	Data Process	<p>Definition: The process of testing each of the programs created or changed as a result of the project.</p> <p>Resources: This task is accomplished by the programmers assigned to the project.</p>
Train Project Team	Data Process	<p>Definition: The processes of providing training for the project team.</p>

Object Name	Object Type	Long Description
		Resources: This task is accomplished by the Training Staff. Team members will be allocated to this task as required.
Update / Develop Documentation	Data Process	<p>Definition: This process addresses the maintenance 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 systems 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 is accomplished by the Release Management and Operations Support personnel from the System Support Directorate.</p>
Update Functional Documentation	Data Process	<p>Definition: Preparation of the formal Functional Description (FD) according to DoD-STD-7935A or the Operational Concept Description and System/Subsystem Specification according to MIL-STD-498.</p> <p>Resources: This is accomplished by the Functional</p>

Object Name	Object Type	Long Description
		Analysts. First line supervisors must review the output for accuracy.
Update Logical Data Model	Data Process	<p>Definition: The creation of a graphic representation of entities and their relationships. It is a model of the data required by the business function or set of functions. The Data Map is developed by:</p> <ol style="list-style-type: none"><li>1) Developing management statements and documentation.</li><li>2) Identifying entities.</li><li>3) Identifying keys and attributes.</li><li>4) Developing purpose statements and definitions.</li></ol> <p>Resources: This is generally accomplished by the Functional Analysts on the team.</p>
Update Logical Process	Data Process	<p>Definition: The creation of a graphic representation of the processes required to perform a business function or set of business functions. Develop the process models by:</p> <ol style="list-style-type: none"><li>1) Writing process descriptions.</li><li>2) Creating process view diagrams.</li><li>3) Developing process specifications.</li><li>4) Creating the business process hierarchy. The standard error messages are identified and then the process model matrices are developed.</li></ol> <p>Resources: This is generally accomplished by the Functional Analysts on the team.</p>
Update/Dev Operations Doc	Data Process	<p>Definition: Update the Computer Operation Manual with detailed information on the control requirements and computer hardware operating procedures necessary to successfully initiate, run and terminate the computer programs being installed by this project.</p> <p>Resources: This task is accomplished by the System Support folks assigned to the team. Work must be reviewed by the first line supervisors.</p>
Update/Dev Users Manual	Data Process	<p>Definition: Update the Users Manual with the information necessary for the user to effectively use the automated information system. Provide instructions on how to provide input to the system, use output products from the system, obtain information from the system.</p> <p>Resources: This task is accomplished by the Functional Analysts. Work must be reviewed by the first line supervisors.</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>

<u>Object Name</u>	<u>Object Type</u>	<u>Long Description</u>
		Resources: This is generally accomplished by the functional analysts on the team.
Customer (Input)	External Entity	Definition: Any organization with a requirement and money willing to pay DSDC to accomplish the development or maintenance of an information system.
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 or more of the standard systems developed by DSDC. Generally this is a Defense Mega Center.