Enclosure E2 – Capability Process Map Diagram and Definitions for Statement of Need (SoN): Enterprise Business Systems - Convergence (EBS-C) Prototype

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EBS-C
Capability Process
Map Diagram (CPMD)

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EBS-C Capability Process Map Diagram (CPMD) DV (Capability Process Map.

This page is a large, full-page capability process map diagram containing numerous interconnected process boxes. The diagram includes the following major labeled elements:

Name box: Name: EBS-C Capability Process Map Diagram (CPMD) DV

The Capability Process Map Diagram (CPMD) represents the footprint of the Business Capability within the EBS-C E2E environment. The CPMD is a central product, showing interactions between the Level 1 E2E processes contained in the EBS-C Value Chains.

LEGEND

E2E Touchpoint — This connection style indicates a touchpoint to another. [E2E] Touchpoint

Domain Colors
- A2R-E: pink
- Intn'l: green
- H2R: blue
- O2C: orange
- LD1S: purple
- T&E: Arms green

Gateways
- XOR
- Parallel
- Inclusive

Process boxes (selected labels):
- Develop Purchase Strategy
- Provide Service
- Perform Budget Planning and Formulation
- Recognize Problem
- Manage Customers
- Design the Force
- Align Forces
- Prepare Forces and Infrastructure/Platform
- Conduct Mobilization
- Deploy Forces
- Employ Forces
- Support Mobilized and Deployed Forces
- Redeploy Forces
- Demobilize and Regenerate Forces
- Determine Force Requirements
- Identify Stakeholders with Environmental Liabilities
- Perform Cost Planning
- Dispose of Material
- Plan Transportation
- Order Transportation Resources
- Execute Material and Force Movement
- Regulate Distribution
- Plan Inventory
- Source Stockage
- Execute Receipt of Material
- Store and Manage Material
- Initiate Product Development
- Introduce Product
- Planning for Equipment
- Bring into APSR
- Manage Asset
- Dispose of Asset
- Identify Service Requirements
- Create Purchase Request
- Perform Order Management
- Execute Purchase
- Fulfill Orders
- Manage Customer Receivables
- Manage Cash Collections
- Perform Cost Analysis
- Perform Cost Controlling
- Perform Cost Accounting
- Distribute and Manage Budget
- Perform Acceptance
- Process Invoice and Match
- Manage Financial Assets and Liabilities
- Execute Disbursement
- Perform Treasury Operations
- Manage General Ledger Transactions
- Perform Reporting
- Perform Environmental Cleanup, Closure or Disposal Action
- Identify Maintenance Requirement
- Source Maintenance Service
- Diagnose Maintenance Requirement
- Prepare for Maintenance
- Provide Maintenance Services
- Close Out Maintenance
- Acquire Asset
- Placement into Service
- Manage Asset
- Assess Facility Condition & Mission Support Capability
- Perform Facility Sustainment, Restoration, Modernization
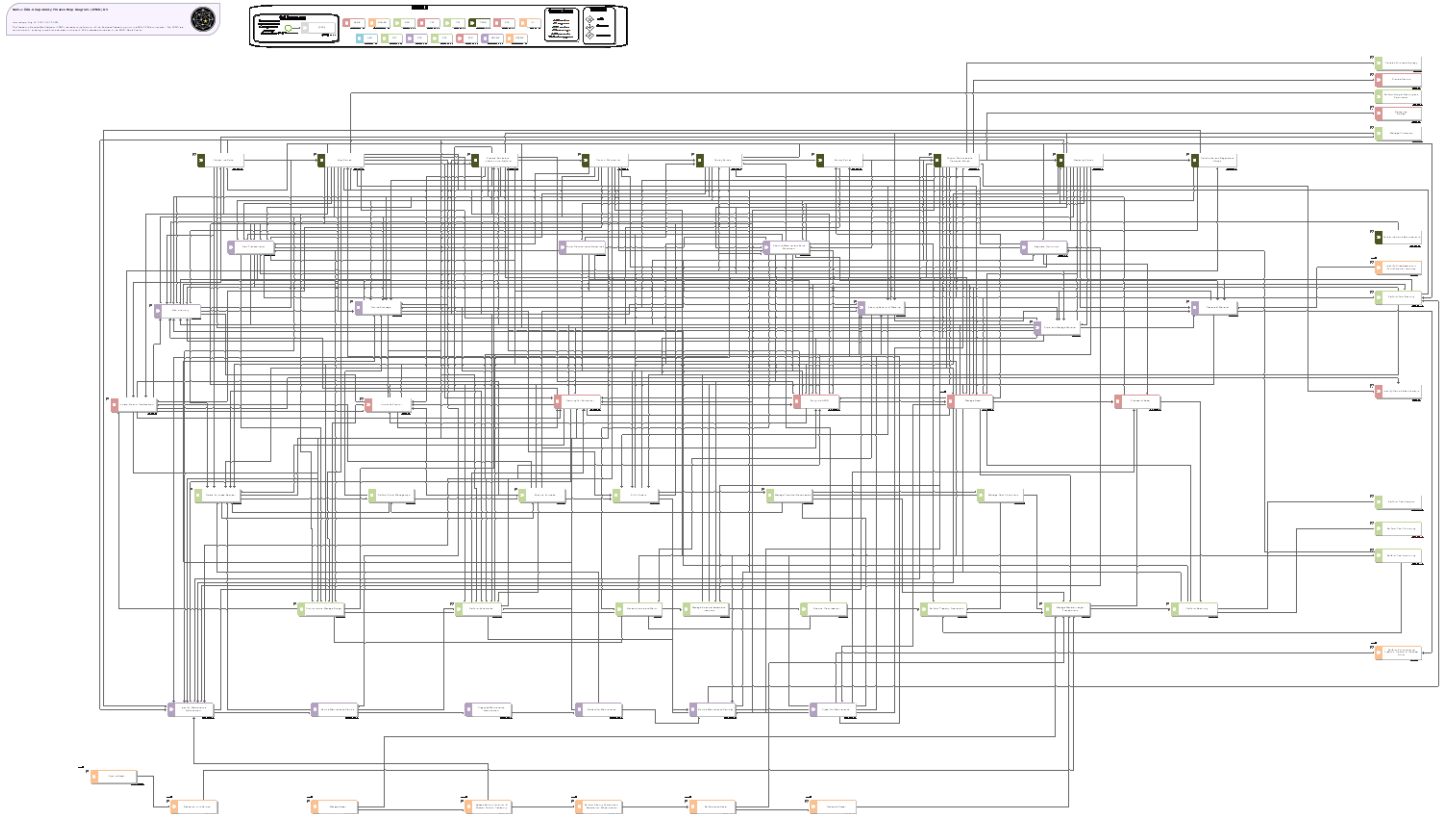- Re-Capitalize Asset
- Dispose of Asset

1. Model: EBS-C Capability Process Map Diagram (CPMD) DV

Description:
The Capability Process Map Diagram (CPMD) represents the footprint of the Business Capability within the EBS-C E2E environment. The CPMD is a central product, showing interactions between the Level 1 E2E processes contained in the EBS-C Value Chains.

Model graphic:

Function Information

Process Name	ID	Description
Perform Treasury Operations	B2R.06	The Perform Treasury Operations process includes the execution of disbursements and collections, and all related Treasury reporting. The process also includes reconciling Fund Balance With Treasury (FBWT) transactions with Treasury information to assure proper and timely posting of the undistributed disbursements and collections.
Execute Disbursement	P2P.08	The Execute Disbursement process supports all activities necessary to execute the payment process for warehoused transactions that have been authorized for payment. Activities within this process include, but are not limited to, payment groupings, the application of credit offsets, the generation of check and EFT ready

Process Name	ID	Description
		to pay files, the certification of payment files, the confirmation and cancellation of payment files, payment cancellation with and without re-issuances, and payment remittance notifications. All activities within this process are performed in accordance with federal payment regulations including the Prompt Payment Act (OMB Circular A-125).
Acquire Asset	A2R-RP.02	Details the acquisition scenarios/methods through which the government satisfies the demand for real property requirements and assumes legal interest and the real property asset. Methods may include New Construction and Capital Improvement; Leases; Condemnation; Gifts and Donations; transfer between Services; Purchase; Reversion; Occupancy Agreement; Withdrawal of public domain land. The process also defines the required Acceptance Evidence for the method of acquisition
Store and Manage Material	P2S.04	The Store and Manage Material process involves assigning storage locations, preparing shipments to customer, and updating inventory records. This process results in the accurate accounting for quantity, condition, and location of supplies on-hand within a warehouse or storage facility.
Diagnose Maintenance Requirement	SR2R-E.03	The process of physically inspecting equipment to confirm reported faults as well as identify faults not observed/reported by the equipment operator or maintainers at other levels of maintenance.
Introduce Product	C2P.06	Introduce Product commences the product build and delivery cycle including pilot production runs, capacity planning, equipment procurement and stabilization of manufacturing process. During this phase, final product/project test/evaluation and initial delivery of the product to the DoD occurs. This process is not applicable to real property.
Provide Maintenance Services	SR2R-E.05	The process whereby the assigned maintainer performs repairs and services in accordance with the work order using the requested supply chain materials, tools, technical data, and facilities.
Redeploy Forces	D2RR.10	Redeploy Forces – The transfer or rotation of forces and materiel to support another commander's operational requirements, or to return personnel, equipment, and materiel to the home and/or demobilization stations for reintegration and/or out-processing. It includes planning for reception, staging, onward movement, and integration (RSOI) to transition from employment to redeployment. Reception includes functions to receive personnel and equipment. Staging assembles arriving personnel, equipment, and materiel into capabilities. Onward movement is the process of moving units to the tactical assembly area or other theater destinations. Integration is the synchronized transfer of capabilities into an operational commander's force prior to mission execution or back to the component/Service. ((DOD Dictionary, JP 3-35, and ATP 3-35).
Perform Cost Accounting	CM.03.v3	The Perform Cost Accounting process is the reporting of an organization's costs and cost structure. Cost accounting is the recording and accumulating of all the elements of cost incurred to accomplish a cost objective.
Develop Purchase Strategy	P2P.02	The Develop Purchase Strategy process is initiated as a review of sourcing alternatives for the goods and/or services being requested to determine the range of products and services from available sources that will best meet the requirements. This includes identification and selection of alternative sources of supply, available contractual vehicles, standard commercial terms and conditions, opportunities for leveraging buying power, and the assessment of independent government estimates for performance to determine an appropriate range of costs. This activity determines the strategy to acquire supplier-provided goods and services that satisfy the approved requirement.

Process Name	ID	Description
Fulfill Orders	O2C.03	Fulfill Orders is the process of sourcing goods or services either via purchase, inventory, or manufacture. Fulfillment of orders also includes the preparation for shipment (i.e., pick, pack, and ship).
Support Mobilized and Deployed Forces	D2RR.09	The Support Mobilized and Deployed Forces process is an Army process that provide, maintain, transport, or assist and coordinate those levels of forces, personnel, materiel, consumables, and services necessary to support the national and/or multinational military strategy. In military operations, this task pertains to support of US Forces and agencies and to provide additional support to a host-nation or other mission partners based on National Command Authority direction, Inter-Service Agreements, or Status of Forces Agreements.
Order Transportation Resources	R2D.02	The Order Transportation Resources process arranges for commercial or organic conveyance to include load consolidation and the matching of loads to resources in preparation for movement.
Perform Budget Planning and Formulation	B2R.03	Perform Budget Planning and Formulation is the process of preparing the Budget Estimate Submission (BES) or Budget Change Proposals (BCP). Perform Budget Planning and Formulation is also the process of using the programs and fiscal guidance contained in the approved Program Objectives Memorandum (POM) as adjusted by the Program Decision Memorandum (PDM).
Plan Transportation	R2D.01	The Plan Transportation process ensures transportation resources (conveyances, equipment, and personnel) are available to accommodate the transportation requestors shipments, delivery timelines, and budgets.
Distribute and Manage Budget	B2R.04	Distribute Budget is the process of establishing legal budgetary limitations within the agency including appropriation warrants, apportionments, continuing resolutions, allocation, and allotment of funding. This also includes monitoring of resources and control of validations prior to approval of commitments, obligations, entitlements, and expenditures, obtaining permission to reallocate funds outside the organization's execution authority, requesting additional funds for new requirements, budget reallocation and distribution notifications, budget reallocations, budget rescissions and additional funding distributions.
Manage General Ledger Transactions	B2R.07	The Manage General Ledger Transactions process encompasses posting of financial events (transactions) to the fiduciary and budgetary U.S. Standard General Ledger (USSGL) accounts, e.g., assets, liabilities, fund balances, revenues and expenses associated with the recording of federal funds and expenditure of same federal funds such as appropriations, working capital funds, and trust funds. The process also includes the review and reconciliation of the subsidiary ledgers to the corresponding USSGL account.
Process Invoice and Match	P2P.07	The Process Invoice and Match process includes the approval of the request for payment by the commercial vendor or government trading partner for goods or services rendered. This process includes two, three, or four-way matching of the invoice against other transaction artifacts based on the pre-determined workflow for the transaction in question. In the case of transactions requiring two-way matching, the invoice is matched against the order. In the case of transactions requiring three-way matching, the invoice is matched against the order and the receipt. In the case of transactions requiring four-way matching, the invoice is matched against the order, the receipt, and the evidence of acceptance. Upon completion of the matching process the transaction is authorized for payment.
Identify Maintenance Requirement	SR2R-E.01	The process of receiving and prioritizing Army maintenance requirements at all levels of maintenance. Derived from Army optempo, modernization efforts, established maintenance programs, and the condition of equipment while in use.

Process Name	ID	Description
Execute Material and Force Movement	R2D.03	The Execute Material and Force Movement process entails the physical preparation and receiving actions (e.g., loading/unloading of conveyance), actual transport, and in-transit tracking of cargo or passengers from point of origin to destination.
Manage Financial Assets and Liabilities	B2R.05	The ability to identify, classify, value, and manage financial (fiscal) assets to include accounts receivable and liabilities to include accounts payable from acquisition or inception to disposal or liquidation.
Perform Cost Controlling	CM.05.v3	The Perform Cost Controlling process develops and integrates policies and procedures that enable cost management best practices. The prioritization of organizational goals and missions followed by the reallocation of resources in support of those goals and missions allow management to align resources to their priorities, identify cost efficiencies and gain full value from every dollar. The Perform Cost Controlling process also includes regular activities established to control and monitor practices to ensure reimbursable operation and practices are executed in a fair and consistent manner with visibility and transparency of operations and cost consuming measures.
Perform Environmental Cleanup, Closure or Disposal Action	EL.03	Perform Environmental Cleanup, Closure or Disposal Action is the process whereby the actual work to correct the environmental liability is performed.
Regulate Distribution	R2D.04	The Regulate Distribution process orchestrates the flow of personnel, equipment, and supplies, CONUS or OCONUS, to ensure the required resources are available to sustain a geographic combatant commander's mission.
Recognize Problem	C2P.01	Recognize Problem is the process whereby the organization determines a need, states a problem to be solved, develops requirements, reviews alternatives, and obtains approval to further define the capability.
Dispose of Material	P2S.05	The Dispose of Material process enables the Army to remove material both physically and from accountability records by eliminating excess, obsolete, condemned, or non-repairable equipment or supplies.
Demobilize and Regenerate Forces	D2RR.11	Demobilize and Regenerate Forces - Demobilization is the process to transition from a conflict or wartime military establishment and defense-based civilian economy to a peacetime configuration to maintain national security and economic vitality. Demobilization involves more than releasing personnel from active duty, deactivating units, and reorganizing the RC. Although these activities drive the process, capability or capacity in the other resource areas must be reduced and reorganized at the same time. Recovery activities must also be planned along with demobilization. These include activities for restoring force readiness. Source: JP4-05
Close Out Maintenance	SR2R-E.06	The process of closing out the work order, which may include but is not limited to capturing and recording labor, materials, and other expenses; updating the maintenance schedule, and updating any applicable warranty and/or service agreements associated with the repaired item.
Perform Reporting	B2R.08	This activity includes receiving financial and management reporting requirements, preparing the information product, and distributing the finished product to the requestor. The activity distributions information in a specified format for analysis and decision-making. This activity routinely involves summarizing and clearly communicating information collected through various means and provides output results based on specified reporting requirements such as format, frequency, and type.

Process Name	ID	Description
Conduct Mobilization	D2RR.06	Mobilization is the process of assembling and organizing national resources to support national objectives in time of war or other emergencies. Mobilization includes assembling and organizing personnel and materiel for active-duty military forces, activating the Reserve Component (RC) (including federalizing the National Guard), extending terms of service, surging, and mobilizing the industrial base and training bases, and bringing the Armed Forces of the United States to a state of readiness for war or other national emergency. Source: JP 4-05 Joint Mobilization Planning 23 October 2018 page I-1
Manage Customer Receivables	O2C.04	Manage Customer Receivables is the process of recognizing and recording a claim to cash or other assets against other entities within a specified period. The claim may be based on legal provisions (such as a payment due date goods tendered, services rendered) or debts due. The management of receivables includes the billing of amounts due to include administrative fee, interest, and penalties. The process also includes the aging of receivables, write-offs, and debt adjudication.
Identify Sites/Assets with Environmental Liabilities	EL.01	Identify Sites/Assets with Environmental Liabilities is the process whereby the Components identify and maintain the complete universe of environmental liabilities reconciled against DoD property. This includes the creation, maintenance, and retention of required supporting documentation.
Manage Customers	O2C.01	Manage Customers is the process of establishing or updating customer records with attributes and preferences. Customer management information would include, but is not limited to, pricing, specifications, payment terms, product offerings, and authorized sources.
Perform Order Management	O2C.02	Perform Order Management is the process of managing transactions involving sales, services, and transfers between two entities of the government, including the ability to validate supplier/buyer information; enter, accept, review, send, issue, and modify inter/intra agency orders; send inter/intra agency agreement notifications; receive inter/intra agency procurement evidence; receive and accept goods obtained intra-governmentally; and receive an inter/intra agency invoice.
Placement into Service	A2R-RP.03	Involves all activities required to take Plant, Property, and Equipment (PPE) that has been accepted (both interim and final) for delivery from the vendor and make that PPE fully operational for both new acquisitions and improvements to existing PPE. This may include distribution, assembly, installation, and testing of PPE to ensure that PPE meet predefined internal and external specifications.
Align Forces	D2RR.04	This process includes the GFM Assignment, Apportionment, and Allocation processes associated with providing combatant commanders with the most capable forces for execution based on stated requirements, balanced against risks (operational, future challenges, force management, institutional) and global priorities (CJCSM 3130.06, Encl B, para 4). This process also includes the allocation of forces to meet internal Service specific demands. Near-term known requirements are approved and ordered annually through the Global Force Management Board (GFMB) process and published in the GFMAP, or, for CCMD assigned forces demands, through the Joint Capabilities Requirements Manager (JCRM).
Source Stockage	P2S.02	The Source Stockage process provides the ability to determine the appropriate source of supply to satisfy demand.
Prepare for Maintenance	SR2R-E.04	The process of reserving and acquiring materials, maintainers, facilities, tools, and technical data in support of maintenance actions. This process also addresses the various approvals for acquiring the necessary resources to conduct maintenance.
Perform Facility Sustainment, Restoration,	SR2R-F.04	Facilities Sustainment, Restoration and Modernization (SRM) program provides funds to keep the Department's inventory of facilities in good working order, (i.e., day to day maintenance requirements) and to maintain the right facilities for

Process Name	ID	Description
Modernization		readiness as emphasized in the Facility Investment Strategy. In addition, the program provides resources to restore facilities whose age is excessive or have been damaged by fire, accident, or natural disasters and alterations of facilities to implement new or higher standards or to accommodate new functions or missions.
Perform Cost Planning	CM.02.v2	Cost Planning is the estimating and forecasting of expected cost and quantities for a program, project, organization, or operation. Cost Planning includes generating accurate cost estimates, the determination of factors that must be considered and included in cost plans, and the generation and maintenance of cost plans. Cost Plans are leveraged for Budget Requirements Requests, Capacity Management, and Risk Analysis.
Perform Cost Analysis	CM.04.v3	The Perform Cost Analysis process encompasses the activities necessary to use standard and ad hoc cost and performance reports, dashboards, and analytical models to support future funding requirements generation, and decision making by analyzing information across various business and operational model views (e.g., organizational, labor, systems, materials, equipment) by processes/activities (e.g., contracting, training) and across time horizons (e.g., historical, current, projections).
Bring Into APSR	A2R-E.02	The Accountable Property Officer reviews the documentation and equipment location to support establishing the equipment record and enters it into the Accountable Property System of Record (APSR). Bringing the record involves the action of establishing or reestablishing a record of accountable property in an APSR for an item of supply that is Army-owned or is not Army-owned but is in the Army's possession. Bring into APSR includes but is not limited to an instance of Army-owned accountable property resulting from purchase, donation, assembly, or scrounging that is or is not in the Army's custody; or an instance of non-Army-owned accountable property that is in the Army's custody resulting from a loan or lease.
Identify Service Requirements	S2S.01	Identify Service Requirements - process involves the identification of a services mission need, obtain approval, preparation of services requirements, development of an Acquisition Strategy, and the completion of Market Research. This process also includes development of services acquisition documentation and associated resources planning and prepare for the services acquisition approval.
Plan Inventory	P2S.01	The Plan Inventory process enables the development of planning strategies to fulfill both existing and forecasted requirements, enables stockage selection and levels. The development of planning strategies includes the use of demand management to correctly interpret existing and forecasted requirements and determine inventory fulfillment strategies through manufacturing, repair, refurbishment and/or procurement of product(s).
Manage Asset	A2R-E.03	Manage Asset encompasses accounting for maintaining and tracking of information and activities related to PPE. PPE accounting includes classification of the PPE and calculation and reporting of depreciation where applicable. Information captured and tracked may include such things as ownership, custodial control, physical location, condition, classification, activity status, execution of audits, and generation and remediation of audit findings. Maintenance activities include but are not limited to assessing requirements, planning, scheduling, resourcing, performing, and tracking the history of maintenance to assets.
Re-Capitalize Asset	SR2R-F.05	Update the appropriate General Plant, Property, and Equipment (GPP&E) account and recorded in the real property inventory general ledger.
Design the Force	D2RR.03	Design the Forces consists of defining military capabilities, designing force structures and UIC management to provide these capabilities, and translating organizational concepts based on doctrine, technologies, materiel, manpower requirements, and limited resources into a trained and ready Army.
Manage Cash	O2C.05	Manage Cash Collections is the process of managing the collection of funds (via

Process Name	ID	Description
Collections		electronic means, check, or the Intra-Governmental Payment and Collection System) and the subsequent application of cash collections to receivables.
Deploy Forces	D2RR.07	Deploy Forces – The movement of forces into and out of an operational area. This task focuses on the movement of forces and resources from a point of origin to a specific operational area and planning for subsequent joint reception, staging, onward movement, and integration (JRSOI) to transition from deployment to employment. Reception includes functions to receive personnel and equipment. Staging assembles arriving personnel, equipment, and materiel into capabilities. Onward movement is the process of moving units to the tactical assembly area or other theater destinations. Integration is the synchronized transfer of capabilities into an operational commander's force prior to mission execution or back to the component/Service. (DOD Dictionary, JP 3-35, and ATP 3-35)
Dispose of Asset	A2R-E.04	The Accountable Property Officer reviews the equipment record and confirms substantiating documentation before authorized removal (items are never removed from system just put into historical status)
Source Maintenance Service	SR2R-E.02	The process of identifying and assigning the maintenance requirement to one or a group of maintenance facilities or shops depending on type and level of maintenance required. This process may also initiate a work order with other designated maintenance facilities or shops as required based on the level and complexity of the maintenance requirement.
Create Purchase Request	P2P.01	Create Purchase Request involves receiving the identified requirement and developing the requirements package which includes reviews/approvals and funds certifications. The requirements package may also include recommended evaluation factors, recommended potential sources and results of market research.
Dispose of Asset	A2R-RP.05	Dispose of Asset involves disposing of an asset as a result of retirement, consignment, transfer, discard, and the like. Disposition of Asset includes but is not limited to identifying assets to be disposed of, evaluating disposition options, and executing disposition activity.
Initiate Product Development	C2P.05	Initiate Development commences the formal design/delivery process, product/project collaboration, initial build, early testing, and validation of the product/project for initial production or final real property acquisition.
Execute Purchase	P2P.04	Execute Purchase may include but is not limited to the final preparation and approval of purchasing documentation, the legal obligation of funds, and the execution of the purchase order with the external vendor or internal DoD trading partner. Purchase activities occur as a result of internally sourced goods and services (e.g., DLA), competitive solicitations, and through simplified acquisitions in accordance with FAR/DFAR guidelines.
Perform Acceptance	P2P.06	The Perform Acceptance process involves confirming that goods and/or services were delivered as ordered, any errors were resolved, and formal acceptance of delivery was rendered by the government. This process may also include the generation of a receiving document, which draws down any pre-existing outstanding obligation and accrues a liability and expenditure.
Assess Facility Condition & Mission Support Capability	SR2R-F.01	Assess Facility Condition & Mission Support Capability is the process that describes the collection, validation and review of asset and base requirements information. The evaluation of facilities is performed by facility inspectors using scheduled adjustments and inspections, preventive maintenance tasks, emergency response and service calls and Standardized Facility Inspection using Facility Condition Index (FCI) data.
Provide Service	S2S.03	Provide Service - The process includes delivering the services to the end user to include developing performance metrics for service delivery which would include the

Process Name	ID	Description
		monitoring of cost, schedule, and performance. Develop and execute appropriate process improvement action plans where deficiencies in service delivery are identified. Process ends with contract completion and closeout.
Planning for Equipment	A2R-E.01	The process of ensuring that equipment is appropriately reflected in the Army Enterprise and that supporting procurement methods address necessary accountability requirements to support transparency, auditability, and traceability.
Prepare Forces and Infrastructure/Platfo rm	D2RR.05	Prepare Forces - The synchronization of resources and training to bring a unit or individual to the state of readiness needed to perform the assigned mission. Sustainable Readiness is the Army's force generation process adapted to build a force to meet contingency and known demand requirements and is globally responsive and regionally engaged.
Manage Asset	A2R-RP.04	Manage Asset encompasses accounting for maintaining and tracking of information and activities related to PPE. PPE accounting includes classification of the PPE and calculation and reporting of depreciation where applicable. Information captured and tracked may include such things as ownership, custodial control, physical location, condition, classification, activity status, execution of audits and the generation and remediation of audit findings. Maintenance activities include but are not limited to assessing requirements, planning, scheduling, resourcing, performing, and tracking the history of maintenance to assets.
Execute Receipt of Material	P2S.03	The Execute Receipt of Material process includes the physical receipt, inspection, and further disposition of goods at a receiving point (e.g., warehouse or supply point). The process enables physical accountability of material for Army use and inventory.
Determine Force Requirements	D2RR.02	The Determine Force Requirements is an Army process that represents the Total Army capability requirements needed to support global operations and Service institutional and operational missions for rotational, emergent, deliberate and crisis action planning; and demand for individual augmentations.
Employ Forces	D2RR.08	Employ Forces - The strategic, operational, or tactical use of forces in support of global force demands (partially JP-5-0)