

National Industrial Security Program Enterprise Mission Assurance Support Service Industry Operation Guide

DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

National Industrial Security Program Authorization Office

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1 INTRODUCTION

1.1 BACKGROUND

The National Industrial Security Program (NISP) Enterprise Mission Assurance Support Service (eMASS) Operation Guide was designed to assist NISP eMASS users in navigating eMASS processes. **The Defense Information Systems Agency (DISA) eMASS User Guide is an essential document and MUST be referenced throughout the process.** The DISA eMASS User Guide can be accessed by selecting the “Help” tab at the top of the eMASS screen. Select the “RMF User Guide” link.

1.2 RESOURCES

In addition to this operation guide, key resources include:

- DoD 5220.22-M Change-2, *National Industrial Security Program Operating Manual* (NISPOM);
- DISA eMASS User Guide;
- DISA eMASS User Guide for System Administrators;
- DCSA Assessment and Authorization Process Manual (DAAPM);
- NISP eMASS Account; and
- Role Based Access as IAM

2 ENTERPRISE MISSION ASSURANCE SUPPORT SERVICE

2.1 OVERVIEW

The eMASS is a government-owned, web-based application with a broad range of services for comprehensive fully integrated cybersecurity management. Features include dashboard reporting, controls scorecard measurement, and generation of a system security authorization package.

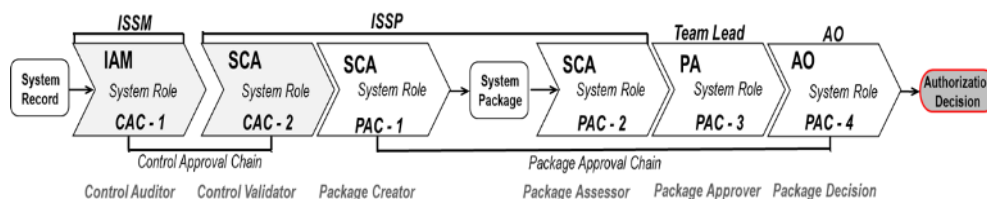
The DISA manages eMASS’s core functionality, and established an instance for Industry. The Industry eMASS instance is referred to as the NISP eMASS instance. The DCSA Assessment and Authorization Processing Manual (DAAPM) System Security Plan (SSP) templates will no longer be submitted via the ODAA Business Management System (OBMS) when requesting assessment and authorization (A&A) of a classified system. The SSP is created in eMASS. All system security authorization packages must be submitted via the NISP eMASS instance at: <https://emass.nisp.apps.mil/>. Reference the NISP eMASS Information and Resource Center located on the [DCSA webpage](#).

The NISP eMASS instance is not approved for storing classified information. If system artifacts, information, or vulnerabilities are classified per the Security Classification Guide (SCG), do not enter this data into eMASS. Follow guidance provided in this operation guide and contact the assigned Information System Security Professional (ISSP).



2.2 APPROVAL CHAINS

An approval chain is a series of users or user groups who must approve content before the deliverable can be finalized. When the last person in the chain approves the content, the deliverable is complete. The approval chain replicates the Risk Management Framework (RMF) process. The figure below provides an overview of the NISP eMASS approval chain from system record creation through authorization decision.



eMASS Approval Chain

Control Approval Chain (CAC): The primary vehicle through which the system security controls are approved and validated. The eMASS privileges align with the system roles. As a standard, Industry users are assigned to the CAC – 1 Role. ISSPs are assigned to the CAC – 2 Role. Industry users have the following roles available in the CAC: IAM, Artifact Manager, and View Only. To register a system and edit security controls, Industry users must have the IAM role.

Package Approval Chain (PAC): The primary vehicle through which the system is assessed and authorized. DCSA users [e.g., ISSPs, Team Leads, and Authorizing Officials (AO)] are assigned to the PAC.

3 ACCOUNT MANAGEMENT

To request a NISP eMASS user account, Industry must complete the following:

1. DISA eMASS Computer Based Training (CBT);
2. DISA Cyber Awareness Challenge (CAC) Training;
3. DCSA (pre-populated) DD Form 2875, System Authorization Access Request (SAAR);
4. Submit all artifacts (above) to DCSA NISP Authorization Office (NAO) eMASS mailbox: dcsa.quantico.dcsa.mbx.emass@mail.mil
5. Access [NISP eMASS instance](#) and register user profile.

Detailed instructions, training links, and required forms are located at the [NISP eMASS Information and Resource Center](#).

3.1 REQUESTING MODIFICATIONS TO AN EXISTING USER ACCOUNT

Requests to modify an existing NISP eMASS user account are processed via the DCSA NAO eMASS team. If an additional eMASS role and/or Cage Code access is required, Industry must submit an updated DCSA SAAR to the DCSA NAO eMASS mailbox: dcsa.quantico.dcsa.mbx.emass@mail.mil. The SAAR (Block 13) must contain the updated role and/or Cage Code information. In addition, the Facility Security Officer





(FSO) or a cleared Key Management Personnel (KMP) member from each Cage Code must sign the DCSA SAAR. The SAAR (Box 27) has space in for additional signatures.

Note: *Ensure the e-mail subject line states the following: "Modification to an Existing eMASS User Account."*

3.2 USER INACTIVITY

The eMASS user accounts are automatically deactivated after 30 days of inactivity (no log-in). Ten days prior to deactivation and three days prior to deactivation, eMASS will send the user a reminder notification e-mail. After 30 days of inactivity (no log-in), eMASS will automatically deactivate the account and send an e-mail notifying the user of the account deactivation.


Inactive users will receive a warning message (as shown below) when accessing eMASS after account deactivation. When inactive users select [Click Here], an account reactivation request is sent to eMASS system administrators. When a deactivated user account is reactivated by an administrator, that user will receive an e-mail notifying them of the account reactivation.




eMASS Site Agreement

You are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only. By using this IS (which includes any device attached to this IS), you consent to the following conditions:

- The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.
- At any time, the USG may inspect and seize data stored on this IS.
- Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG authorized purpose.
- This IS includes security measures (e.g., authentication and access controls) to protect USG interests—not for your personal benefit or privacy.
- Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details.





The user associated with the current CAC has been deactivated by eMASS due to account inactivity.

Please contact your local system administrator to have the account reactivated. To have eMASS email your system administrator(s), please [click here](#).

If an eMASS user's last login date is greater than 90 days, the user must submit a new DCSA SAAR and the required training certificates (eMASS Computer Based Training (CBT) and DISA Cyber Awareness Challenge (CAC) Training) to the DCSA NAO eMASS Mailbox: dcsa.quantico.dcsa.mbx.emass@mail.mil.

Note: *Training certificate completion dates cannot be greater than one year of the reactivation request.*

3.3 ADDING NEW CREDENTIALS TO AN EXISTING USER ACCOUNT

If a user has an existing eMASS account but needs to add a new DoD Public Key Infrastructure (PKI) certificate, the user must enter the e-mail address that matches the one associated with their new certificate and click [Save].



eMASS



New Certificate Registration

Certificate Identity:
Issue To: Test Certificate
Serial No: 09
Issue By: Example Certificate Authority
Issue On: 4/12/2018 3:20:02 PM
Expire On: 5/31/2030 8:00:00 PM
Fingerprints:XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Existing eMASS Users

Enter your email address if you are an existing eMASS user and are adding new certificate credentials to your user account.

A message with instructions will be sent to you.

★ Email:

New User Sign-up

New eMASS users please click the button below to signup and get approved for an account.

Frequently Asked Questions

- The eMASS Help Desk does not manage user accounts or roles. Account requests are approved by your Organization System Administrator.
- System Administrator (SA) Points of Contact (POCs), Uniform Resource Locators (URLs) and Frequently Asked Questions (FAQs).

New User Registration Job Aid

- Assists users in registering for an eMASS account.
- Provides a list of Organization System Administrators (SA) to approve new account requests.

A confirmation message appears and eMASS sends the user a confirmation e-mail. Upon receiving the automatically generated confirmation e-mail, a user should click the verification link embedded within the e-mail body. After verification by the user, the eMASS system administrators will receive a workload task alerting them of a new PKI certificate request awaiting approval.

Once the eMASS system administrators approve the new certificate request, the user will receive a confirmation e-mail. The new certificates will be added and displayed under Current Certificates on the User Details screen.

3.4 DEACTIVATE USER ACCOUNT

If the employment status of an employee changes (i.e., termination, retirement, etc.), the FSO or member of the KMP is responsible for requesting deactivation of the user's account by submitting a DCSA SAAR to the DCSA NAO eMASS Team: dcsa.quantico.dcsa.mbx.emass@mail.mil. In the "Type of Request" section of the SAAR, "Deactivate" must be selected.

4 SYSTEM REGISTRATION

The new system registration process consists of the following four major steps in eMASS:

1. Step 1 – System Information;
2. Step 2 – Authorization Information;
3. Step 3 – Roles; and
4. Step 4 – Review and Submit.

Conduct the following actions:

1. Log in to NISP-eMASS: <https://nisp.emass.apps.mil/>;
2. Locate the Authorization Module Dashboard on NISP-eMASS Home screen;
3. Click the [New System Registration] to open the System Registration Module;



4. Select the RMF Policy option; and
5. Click [Next] in the lower right-hand corner to begin registering a new RMF system record.

Reference the DISA eMASS User Guide (New System Registration Section).

Note: Systems with an ACTIVE Authorization to Operate (ATO) in the OBMS are only required to complete New System Registration.



4.1 STEP 1 – SYSTEM INFORMATION

Registration Type: Select [Assess and Authorize].

System Name: Enter the System Name.

The DCSA guidance for NISP eMASS system naming is as follows:

1. Enter the assigned Cage Code;
2. Enter the System Type by using **ONE** of the following options:
 - **SUSA** – Single-User Standalone
 - **MUSA** – Multi-User Standalone
 - **P2P** – Peer-To-Peer
 - **C/S LAN** – Client Server Local Area Network (LAN)
 - **C2G** – Contractor to Government Interconnected System
 - **C2C** – Contractor to Contractor Interconnected System
 - **CCP** – Common Control Provider
 - **UWAN** – Unified WAN (Wide Area Network)
 - **eWAN** – Enterprise WAN
3. Enter a unique value for System Name; and
4. If applicable, enter the interconnected Government System Name (e.g., Secure Internet Protocol Router Network (SIPRNet), Missile Defense Agency Classified Network (MDACNet), Secure Defense Research Engineering Network (SDREN), Joint Interoperability Test Command (JITC, etc.).

(CAGE Code)-(System Type)-(System Name)-(Interconnected Network)

Example 1 – 12345-C2G-INFINITY STONE-SIPR

Example 2 – 12345-SUSA-GAUNTLET

System Acronym: Enter the System Acronym.

The DCSA guidance for NISP eMASS System Acronyms is as follows:

1. Enter the assigned Cage Code;
2. If applicable, enter the interconnected Government System Name (e.g., SIPRNet, MDACNet, SDREN, JTIC, etc.); and
3. Enter a System Name. **Note: The facility can choose how to best uniquely identify the system. It can be a unique name or number.**

(CAGE Code)-(Interconnected Network)-(System Name)

Example 1 – 12345-SIPR-00001

Example 2 – 12345-00001



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Information System Owner: Select the applicable Cage Code/Field Office from the drop-down menu. If the applicable Cage Code/Field Office does not appear, inform the NAO eMASS mailbox at: dcsa.quantico.dcsa.mbx.emass@mail.mil.

Version/Release Number: Enter the System Version/Release Number specific to the facility's version or system control conventions.

System Type: Select IS Enclave. *Note: The DCSA specific system types are not available options in eMASS. Thus, Industry must select [IS Enclave] to select the applicable baselines/overlays when creating the system record.*

Acquisition Category: Select N/A.

System Life Cycle/Acquisition Phase: Select [Post-Full Rate Production/Deployment Decision (Operations & Support)].

National Security System: Check National Security System.

Financial Management System: Uncheck Financial Management System.

Reciprocity System: Uncheck Reciprocity System.

Reciprocity Exemption Justification: Enter N/A.

System Description: Provide a narrative description of the system, its function, and uses. Enter program/contract information, including contract vehicle's expiration date. The following details must also be included:

1. System Type (i.e., SUSAs, MUSAs, P2P, C/S LAN, , C2C, C2G, CCP, UWAN, and eWAN);
2. Classification;
3. Categorization;
4. Formal Access Approvals;
5. CAVEATs;
6. Location (i.e., Closed Area, Restricted Area);
7. Type Authorization – List number of systems Type Authorized and include all System Acronyms;
8. eWAN (if applicable) – Annotate all nodes. *(Note: The eWAN ISSM will provide the list of systems migrating into the eWAN to the DCSA eWAN Program Manager. When the eWAN migration is complete, the migrated systems will be removed from eMASS.)*
9. Protected Distribution System (if applicable);
10. Operating System(s);
11. Mobility (if applicable);
12. Interconnections (if applicable); and
13. Command Communications Service Designator (CCSD) (if applicable).

DITPR ID: Enter N/A.



DoD IT Registration Number: Not a required field – Leave blank.

Click SAVE to proceed to the next step.

4.2 STEP 2 – AUTHORIZATION INFORMATION

Security Plan Approval Status: Users will select the system's authorization status and corresponding A&A dates. Users also can indicate if the system has been approved outside of eMASS. If the user indicates the system has been previously approved, the "Security Plan Approval Status Date" field is required. If the system is registered with an "Authorization Status" of anything other than "Not Yet Authorized," then the "Authorization Date" and the "Assessment Date" fields are conditionally required fields.

The drop-down options are the following:

1. **Not Yet Approved** (Initial System Registration/New System without authorization in OBMS/eMASS):
 - **Authorization Status:** Select [Not Yet Authorized].
 - **Need Date:** Enter the Need Date. These dates are based on contractually driven time frames, time needed to respond to Broad Agency Announcements (BAA), Requests for Proposals (RFP), Requests for Information (RFI), Rough Orders of Magnitude (ROM), white papers, and other solicitations.
 - **RMF Activity:** Choice is based upon where the system is within the RMF Process. **The RMF Activity must be updated when the activity changes.** The following are the options from the drop-down menu:
 - Initiate and plan cybersecurity Assessment Authorization *[Note: This should be selected for an initial registration/system without a valid Authorization to Operate (ATO)]*;
 - Implement and validate assigned security controls;
 - Make assessment determination and authorization decision;
 - Maintain ATO and conduct reviews; and
 - Decommission.
 - **Terms/Conditions for Authorization:** Provide a description of any specific limitations or restrictions placed on the information system's operation or inherited controls that the system owner or common control provider must follow.
2. **Approved** (Valid ATO in OBMS/eMASS):
 - **Security Plan Approval Status:** Enter authorization date.
 - **Authorization Status:** Select the applicable Authorization Status (Available Options: ATO, ATO w/ Conditions, Decommissioned, Denial of Authorization to Operate (DATO), Interim Authorization to Test (IATT), and Not Yet Authorized).
 - **Assessment Completion Date:** Enter date assessment completed. *(Note: This date is located on the Security Assessment Report (SAR). If user is unable to locate this date, authorization date can be used.)*



- **Authorization Termination Date (ATD):** Enter ATD.
 - **RMF Activity:** Choice is based upon where the system is within the RMF Process. **The RMF Activity must be updated when the activity changes.** Below are the options from the drop-down menu:
 - Initiate and plan cybersecurity assessment authorization.
 - Implement and validate assigned security controls.
 - Make assessment determination and authorization decision.
 - **Maintain ATO and conduct reviews** (*Note: This should be selected for a system with a valid ATO.*).
 - Decommission.
 - **Terms/Conditions for Authorization:** Provide a description of any specific limitations or restrictions placed on the information system's operation or inherited controls that the system owner or common control provider must follow.
3. **Denied** (Valid DATO in OBMS/eMASS):
- **Security Plan Approval Status:** Enter authorization date.
 - **Authorization Status:** Select the applicable [Authorization Status] (Available Options: ATO, ATO w/ Conditions, Decommissioned, DATO, Interim Authorization to Test (IATT), and Not Yet Authorized).
 - **Assessment Completion Date:** Enter date assessment completed. (*Note: This date is located on the SAR. If the user cannot locate this date, the authorization date can be used.*)
 - **Authorization Termination Date (ATD):** Enter ATD.
 - **RMF Activity:** Choice is based upon where the system is within the RMF Process. **The RMF Activity must be updated when the activity changes.** Below are options from the drop-down menu:
 - Initiate and plan cybersecurity assessment authorization.
 - Implement and validate assigned security controls.
 - Make assessment determination and authorization decision.
 - Maintain ATO and conduct reviews.
 - Decommission.
 - **Terms/Conditions for Authorization:** Provide a description of any specific limitations or restrictions placed on the information system's operation or inherited controls that the system owner or common control provider must follow.

Click SAVE to proceed to the next step.

Note: Once the Authorization Information is entered and saved, it cannot be changed. The "RMF Activity" field is the single exception and can be modified by assigned IAM users by clicking [Edit]. It is critical that Industry update the RMF activity when the activity changes (Example: Industry initially selected "Maintain ATO and conduct reviews". However, Industry is now seeking reauthorization due to a security relevant change. Industry will update the RMF Activity and select "Initiate and plan cybersecurity Assessment Authorization".)



4.3 STEP 3 – ROLES

Users will assign specific personnel to each role of the PAC and CAC. To assign a user to a specific role, drag the user's name from the Available Users list box to the Assigned Users list box or double-click on the user's name in the Available Users list box. Multiple personnel can be selected for each step. At this point in time, Industry must know their assigned DCSA Field Office. DCSA Field Offices can be found on the [DCSA Web site](#).

Package Approval Chain: Personnel assigned to a role in the PAC are responsible for moving the system's RMF package through the A&A. Conduct the following actions to assign users to the PAC:

1. SCA: Select the applicable DCSA Field Office in the SCA Available Users column and drag to the Assigned Users list box or double-click.
2. Team Lead: Select the applicable DCSA Field Office in the Team Lead Available Users column and drag to the Assigned Users list box or double-click.
3. Regional AO: Select the applicable DCSA Region in the Regional AO Available Users column and drag to the Assigned Users list box or double-click.
4. IAM: The IAM Assigned Users list box will be prepopulated with the Industry eMASS user registering the system.

Control Approval Chain: Personnel assigned to a role in the CAC are responsible for assessing and validating security controls, adding and managing the system's Plan of Action and Milestones (POA&M), and adding artifacts and scans. Conduct the following actions to assign users to the CAC:

1. IAM: Select the applicable users in the IAM Available Users column and drag to the Assigned Users list box or double-click. *Note: To allow other users within the container to view/edit the system package, add them here.*
2. SCA: Select the applicable DCSA Field Office in the SCA Available Users column and drag to the Assigned Users list box or double-click.

Click SAVE to proceed to the next step.

4.4 STEP 4 – REVIEW AND SUBMIT

The final step in the process allows the user to review the data and submit the system registration. This screen displays system information, authorization information, and roles. If corrections are needed, click on the system registration navigation menu on the left to return to the step.

Click [Submit System] to complete the registration. The newly created system will now be displayed in the list of available systems.

Note: Systems with an ACTIVE ATO in the OBMS are only required to complete New System Registration. In addition to completing New System Registration, attach the following documents: ATO, SAR, and POA&M. The documents will be added in the Artifacts section of eMASS. The next steps are for systems seeking authorization or re-authorization.



5 SYSTEM INFORMATION

The System module enables the user to manage and update system information. At the top of the system screen is a series of links to take the user to specific modules for the system.

- **System – Dashboard:** Overview of high-level system information.
- **System – Details:** Update system information populating the RMF Security Plan report.
- **System – Categorization:** Manage overlays and manually tailor-in security controls and a system's categorization.
- **Controls – Listing:** Access the Assigned Security Controls, Control Information Import/Export, Test Result Import/Export, and Bulk Control Processing modules.
- **Controls – Implementation Plan:** Create a plan concerning the implementation of system's security controls and System-Level Continuous Monitoring (SLCM) Plan.
- **Controls – Risk Assessment:** Update information surrounding the risk of individual security controls along with recommendations for remediation/mitigation.
- **POA&M:** Add, modify, and delete POA&M items. Access POA&M Import/Export module.
- **Artifacts:** Add, modify, and delete system- and control- level artifacts.
- **Package:** Initiate the authorization workflow approval process; comment in the collaboration boards; and view comments and system snapshots from past reviews within the Historical Package Listing.
- **Management:** Access to ATC (certain eMASS instances only), Personnel, Associations (Inheritance), System Migration, Workload Tasks, and Administration functions.
- **RMF/DIACAP Policy Toggle:** Toggle to view information associated with the RMF and DIACAP policy views.

Reference the DISA eMASS User Guide (System Information Section).

5.1 SYSTEM – DETAILS

Once the system is registered, the package creator (IAM) will build the system package. Under the System tab, select [Details]. The following subsections will display:

- System Information;
- Authorization Information;
- Federal Information Security Management Act (FISMA);
- Business; and
- External Security Services.

Some of the data will be prepopulated based on information entered during System Registration. To enter all system information, select the [Details Sub-navigational] tab within the system module. To add information to a particular section, click [Edit].



Note: All required fields (red stars) must be completed. If all required fields are not complete, the package cannot be successfully submitted.

Reference the DISA eMASS User Guide (Details Section).

5.1.1 SYSTEM INFORMATION

Select [System Information] on the left-hand side menu. Click [Edit]. The following information must be completed in the System Information subsection:

Registration Type: Prepopulated from System Registration.

System Name: Prepopulated from System Registration.

System Acronym: Prepopulated from System Registration.

Information System Owner: Prepopulated from System Registration.

Version/Release Number: Prepopulated from System Registration.

System Type: Prepopulated from System Registration.

National Security System: Prepopulated from System Registration (Checked).

Financial Management System: Prepopulated from System Registration (Unchecked).

Reciprocity System: Prepopulated from System Registration (Checked).

Reciprocity Exemption Justification: Prepopulated from System Registration (N/A).

Public Facing Component/Presence: Select No.

Cyber Operational Attribute Management System (COAMS) System Affiliation: If not applicable, leave blank.

System Description: Prepopulated from System Registration.

Department of Defense Information Technology Portfolio Repository (DITPR) ID: Prepopulated from System Registration (N/A).

DoD IT Registration Number: Prepopulated from System Registration (Blank).

Defense Information System Network (DISN) Video Service (DVS) Site ID: If not applicable, leave blank.

System User Categories: Select applicable categories for the type of system users. The categories available are the following: Contractors, Coalition Partners, DoD Personnel, Fed/State/Local, Foreign Nationals, General Public, and Organization. More than one category can be selected. After checking the applicable user categories, enter relevant information.



Ports, Protocols, and Services Management (PPSM) Registry Number: If applicable, enter PPSM Registry number. If not applicable, enter N/A.

System Authorization Boundary: Provide a description of the System Authorization Boundary and attach supporting artifacts. *Note: Only one artifact can be added here. If additional artifacts need to be uploaded, use the Artifacts section.*

Hardware/Software/Firmware: Provide details and attach supporting artifacts (e.g., hardware baseline, software baseline, etc.). *Note: Only one artifact can be added here. If additional artifacts need to be uploaded, use the Artifacts section.*

System Enterprise and Information Security Architecture: Describe system architecture and attach supporting artifacts. *Note: Only one artifact can be added here. If additional artifacts need to be uploaded, use the Artifacts section.*

Information Flow/Paths: Describe information flow/paths and attach supporting artifacts. *Note: Only one artifact can be added here. If additional artifacts need to be uploaded, use the Artifacts section.*

Network Connection Rules: Describe Network Connection Rules. If not applicable, enter N/A.

Interconnected Information Systems and Identifiers: Enter Interconnected Information Systems and Identifiers. If not applicable, enter N/A.

Encryption Techniques: Enter Encryption Techniques used for information processing, transmission, and storage.

Cryptographic Key Management Information: Enter Cryptographic Key Management Information.

System Location: Select applicable location type (Single or Multiple).

Type Authorization: Select applicable choice [Yes or No]. Industry users will select [Yes] if they are using this system to Type Authorize identical copies of the system. If Industry users are type authorizing identical systems, the following procedures must be followed:

1. Select the system being used to type authorize;
2. In the Artifacts section, upload the following for the system being type authorized:
 - Test Result Import/Export;
 - Hardware and Software Baselines;
 - Facility/System Layout;
 - Record of Controlled Area (if applicable); and
 - Artifacts requested by the ISSP/AO.
3. In the System Description section (System>Details>System Information), update the Type Authorization information to include the number of systems Type Authorized and all System Acronyms.

Deployment Locations: Select applicable deployment location (Options: (1) Cleared Contractor Facility – Mobility Plan must be attached; (2) Government Site – Mobility Plan must be attached; (3) Both Cleared



Contractor Facility and Government Site – Mobility Plan must be attached; and (4) Not Applicable – System and/or components are not mobile);

Baseline Location: If the user assigns only one deployment location to the system, then [Baseline Location] is NOT a required field; and

Physical Location: Enter installation name and physical location information.

Click [SAVE] to complete.

5.1.2 AUTHORIZATION INFORMATION

Select Authorization Information on left-hand side menu. This data will be prepopulated based on information entered during System Registration. Validate Authorization Information.

Note: Once the Authorization Information is entered and saved, it cannot be changed.

5.1.3 FEDERAL INFORMATION SECURITY MANAGEMENT ACT (FISMA)

Select FISMA on left-hand side menu. Click [Edit]. **This section is not applicable. However, user must select [No] for all drop-down menu options.**

Click [SAVE] to complete.

5.1.4 BUSINESS

Select [Business] on left-hand side menu. Click [Edit]. The following information must be completed in the Business subsection:

Mission Criticality: Choose applicable mission criticality. Verify criticality via Information Owner (IO) documentation/guidance;

Governing Mission Area: Choose applicable Governing Mission Area. Verify mission area with IO;

DoD Component: Office of the Secretary of Defense (OSD) is prepopulated;

Acquisition Category: Prepopulated from System Registration (N/A);

System Life Cycle/Acquisition Phase: Prepopulated from System Registration. *(Note: Industry must select Post-Full Rate Production/Deployment Decision (Operations & Support) during System Registration.);*

Software Category: Enter applicable Software Category;

System Ownership/Controlled: Select the applicable option;

Other Information: If applicable, enter additional information. If not applicable, leave blank; and

Cybersecurity Service Provider: If applicable, select appropriate Cybersecurity Service Provider. If not applicable, leave blank.



Click [SAVE] to complete.

5.1.5 EXTERNAL SECURITY SERVICES

Select External Security Services on left-hand side menu. Click [Edit]. The following information must be completed in the External Security Services subsection:

External Security Services: Provide the security service name and identify the provider. These are security services provided by external sources (e.g., through contracts, interagency agreements, lines of business arrangements, licensing agreements, Cyber Security Service Provider (CSSP), and/or supply chain arrangements.) If not applicable, enter N/A.

Services Description: List all of the security services provided by external providers, include specific source (e.g., through contracts, interagency agreements, lines of business arrangements, licensing agreements, CSSP, and/or supply chain arrangements). If not applicable, enter N/A.

Security Requirements Description: Describe how the external services are protected in accordance with the security requirements of the organization. If not applicable, enter N/A.

Risk Determination: Document that the necessary assurances have been obtained stating the risk to organizational operations and assets, individuals, other organizations, and the nation arising from the use of the external services is accessible. Is the external provider compliant with Federal laws, or is the external service provider under contract to provide a security level commensurate with the system's security categorization? If not applicable, enter N/A.

Click [SAVE] to complete.

5.2 CATEGORIZATION

Until the system's Categorization is completed with the identified appropriate Control Attributes, the system will not have security controls. The following subsections must be completed:

1. Control Selection;
2. Overlays; and
3. Manage Security Controls.

To manage the system's Control Set, navigate to the Categorization sub-navigational tab within the system module.

*Note: **All required fields (red stars) must be completed.** If all required fields are not complete, the package cannot be submitted.*

Reference the DISA eMASS User Guide (Categorization Section).



5.2.1 CONTROL SECTION

In the Control Selection module, the user can search for and associate National Institute of Standards and Technology (NIST) SP 800-60 Information Types with the system record to receive an overall recommended system security categorization. The following information must be completed in the Control Selection subsection:

Applied Information Types: Select [Edit Information Types]. From the Information Types page, users can search for Information Types by using the drop-down or text field in the top left section. Once the user has entered in search data, click [Search]. Information Types may be searched by "Information Type Category," or "Information Type Name." All applicable Information Types will be listed in the Search Results section. Add individual Information Types by clicking the green [+] button to the right of the result. Additionally, the user can click [Add Visible] to select all search results;

Selected Information Types: The Selected Information Types will be shown. Use the drop-down menus to select the applicable Confidentiality, Integrity, and Availability (C-I-A) for each Information Type. *(Note: eMASS will automatically populate the recommended C-I-A levels for some of the Information Type as established by NIST SP 800-60 Vol. 2. However, the C-I-A must be based on the risk assessment results.)*

Click [Save] to complete.

Primary Security Control Set: Select [Edit Control Selection]. Select latest version of NIST SP 800-53 from the drop-down menu.

1. Control Attributes: Enter C-I-A and Impact (Recommended: Moderate);
2. Information Type Evidence: Upload evidence on how categorization of the system was determined (e.g., RAR);
3. Rationale for Categorization: Enter NISP if the system has been categorized at the Moderate-Low-Low (M-L-L) level. Justification needs to be provided for anything other than M-L-L;
4. Additional Authorization Requirements: Identify any additional authorization requirements beyond the A&A process (e.g., privacy, special access requirements, cross security domain solutions, Non-classified Internet Protocol (IP) Router Network (NIPRNet), SIPRNet, or Global Information Grid (GIG) Connection Approval Process (CAP) identifier, ports, protocols, and services management.);
5. Additional Control Sets: Not applicable;
6. Rebaseline Controls: Check [Save Control Set Information]. Resaving the control sets will rebaseline all controls.
7. Click [Save]. The Confirm Control Changes screen will appear.
8. Review the security controls and scroll down to the bottom of the page.

Click [SAVE] to complete.



5.2.2 OVERLAYS

Select [Overlays] on left-hand side menu. In the Overlays section, the user can apply overlays to a system's baseline control set to address unique security requirements. The following overlays are available for application within eMASS:

1. DCSA Baseline (M-L-L);
2. SUSA (M-L-L);
3. MUSA (M-L-L);
4. ISOL-P2P (M-L-L); and
5. Classified Information (*Note: This Overlay will ONLY be selected if the Categorization is above M-L-L.*)

To apply the SUSA, MUSA, or ISOL-P2P Overlay, users must also apply the DCSA baseline (M-L-L) Overlay. Once an overlay is applied, eMASS will retain the control information. If an overlay is applied in error, users cannot go back and rebaseline the controls. The user will need to delete the system and start again.

To apply an available overlay to a system's baseline security controls, conduct the following actions:

1. Select the hyperlinked (Overlay Name) within the Overlays section in Categorization.
2. Within the Overlay pop-up window, complete the questionnaire to determine if the overlay will be applied to the system.
3. Click [SAVE].
4. If an overlay is successfully applied to the system, the [Status] column will state "Applied".

5.2.3 SECURITY TECHNICAL IMPLEMENTATION GUIDES

The eMASS allows users to identify applicable DISA Security Technical Implementation Guides (STIG) based on the technologies present within the system's authorization boundary.

THIS SECTION

5.2.4 MANAGE SECURITY CONTROLS

Select [Manage Security Controls] on left-hand side menu. The controls listed in the Manage Security Controls page will be directly associated with the selections the user made in the Control Selection page. The Manage Security Controls page allows users to add additional (i.e., tailor in) controls to the system's baseline security controls. Click [Add Additional Controls] to open the "Add Additional Controls" screen. Conduct the following actions:

1. Select [Controls] search for the desired control to add to the system record's baseline security control set by clicking [Search].
2. Select the [+] button next to each control that will be added to the system's baseline control set.
3. Provide justification for adding the security controls.
4. Click [Apply]. The selected controls will now be displayed.



5. Review the controls that will be included in the system's baseline security control set.
6. Click [SAVE].

5.3 CONTROLS

The Control Details within the "Controls" view displays all the security controls assigned to the system. Each control lists the "Acronym," "Status," "Name," "Properties," and "Residual Risk Level". By default, all the controls are grouped by control family, but each control family can be collapsed or expanded by clicking [expand all] or [expand] to display associated security controls. Control – Listing will default to display the last custom filters the user applied per system record.

Reference the DISA eMASS User Guide (Controls Section).

5.3.1 LISTING

Select [Controls] on the top menu. To filter controls for a registered system, select one or many options in the [Control Filters] listing. Filter options include Non-Compliant (NC) and Not Applicable (NA) controls, missing POA&M item, exclude Inherited and Shared Controls, Residual Risk Level, Control Status, Control Family, Control Property, and Control Criticality Rating. Users can reset the selected filters by clicking [Reset Filter].

Control Actions: Users can apply a variety of actions against the security controls assigned to their systems at either an individual level or in bulk.

1. **Import/Export Test Results:** Test Result Import/Export is a feature of eMASS which allows users to export/import a system's Assessment Procedures (AP)/Control Correlation Identifiers (CCIs) and latest test results simultaneously utilizing a defined template. Test Result Import/Export provides flexibility to practitioners in situations where security control assessment activities may have already been performed outside of eMASS.
2. **Import/Export Control Information:** Control Import/Export is a feature of eMASS which allows users to import/export a system's Implementation Plan, SLCM strategy, and Risk Assessment information for selected security controls using a defined Microsoft Excel template.
3. **Bulk Processing:** Bulk processing is a feature of eMASS which enables the user to assess or validate multiple controls simultaneously. Bulk processing may be appropriate in situations where an ATO already exists under a different authorization scheme (e.g., OBMS), a RMF package was done manually outside of eMASS, or the system has been imported into eMASS. Bulk processing does not eliminate the need to test and validate each applicable RMF control. Bulk processing provides flexibility to practitioners in situations where authorization activities may have already been performed outside of eMASS and to track future control assessments within eMASS.
4. **Individual Test Results:** Users can add individual test result to an Assessment Procedure (AP) by navigating to the [Assessment Procedures Details] screen.
 - From the [Control Details] page on the [System Main – Controls] view, click the [+] sign next to the desired control and the view will expand to show all the APs for the control;
 - Click on the desired AP to display the [Assessment Procedures Details] screen;



- At the top and bottom of the page are navigation tabs that allow the user to move to the previous or next AP. The drop-down menu in the center allows the user to move to other APs within the same control;
 - The left side of the display provides information on how to test the AP and what the result of the test should be (derived from the RMF Knowledge Service);
 - Within the Artifact and POA&M items table, users can view existing and add new AP-level artifacts and POA&M items; and
 - The section on the right side of the screen is where test results are recorded.
5. Multiple Test Results: Users can add test results to all APs of a particular control from a single view by navigating to the Control Details view.
- From Control Details on the System Main screen, click the desired [Control Acronym] to navigate to the Control Details view. Each security control AP is displayed within the Assessment Procedure List;
 - Users have the option to [Enter Test Results] for an individual AP or click [Expand All APs] to enter multiple test results simultaneously; and
 - The four required fields appear for each AP. Once all the fields have been completed, click [Save].

Test Results: Test results consist of the following required fields.

1. Status: "Compliant," "Not Applicable," or "Non-Compliant."
2. Test Date: The default date is today's date, but can be changed to any date in the past.
3. Tested By: The default value is the person entering the AP test results, but the value can be edited to enter a different name. This is useful if the actual test was conducted by someone other than the person entering the data. *Note: The controls must be tested by an authorized individual (i.e., ISSM, ISSO, System Administrator, etc.).*
4. Test Results: The test results are required and used to document Industry's self-assessment of the security controls and provide confirmation that the security controls are applied and meet the security requirements for the system.

If annotating the non-compliance status of a security control is determined to be classified per the SCG, mark the security control as "Not Applicable".

"Not Applicable" Security Control: If it is deemed that a baseline security control is Not Applicable, the user can set the control as "Not Applicable" from the Control Information and Actions section on the [Control Details] page. If "Not Applicable" is selected from the dropdown menu, a comment box appears. The "Comments" text field is mandatory and is used to provide justification for this status. Enter comments and click [Save]. *Note: When tailoring out a security control, the user will set the control as "Not Applicable".*

If system vulnerabilities are determined to be classified, the control will be set as "Not Applicable". In the "Comments" field, indicate that details will be maintained on-site. Ensure ongoing communication is conducted with the assigned ISSP regarding the authorization package.



Organizational Values from Control Details: In order to view the organizational specific assignment values for security controls set by DCSA, navigate to the “Control Details” view. Conduct the following actions:

1. From Control Details on the System Main screen, click the desired [Control Acronym] to navigate to the Control Details view.
2. Select the [Assignment Value] hyperlink to view Assignment Values that were set for each specific parameter within the Security Control text.
3. The Assignment Values Information tooltip will appear. Select [Assignment Values] assigned from NISP to view within the Security Control text.
4. The NISP Assignment Value will now be displayed within the Security Control text.

Note: Users are required to reference the DAAPM Appendix A for Security Control implementation requirements, organizational values, supplemental guidance, as well as DCSA specific guidelines.

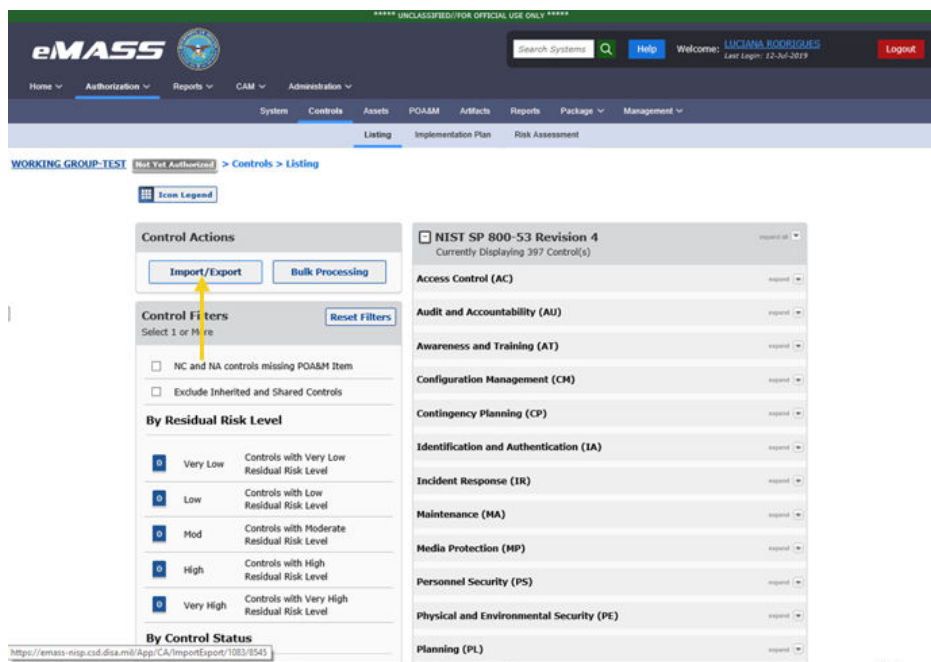
5.3.2 IMPORT/EXPORT

DCSA strongly recommends utilizing the **Test Result Import/Export** and **Control Import/Export**. Rather than addressing the test results, implementation plan, SLCM strategy, and risk assessment for each control individually, the Test Result Import/Export and Control Import/Export feature allows users to address all system requirements within the eMASS generated templates.

Note: Only eMASS generated templates can be imported.

Test Result Import/Export


1. To begin the process, click [Import/Export] under [Control Actions] on [Controls – Listing] view.





- From the Import/Export home page, click [Custom Export]. The [Test Result Export] tab allows users to export to a defined custom template.

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eMASS  [Help](#) Welcome: **LUCIANA RODRIGUES**
Last Login: 12-Jul-2019 [Logout](#)

Home ▾ **Authorization ▾** Reports ▾ CAM ▾ Administration ▾

System Controls Assets POA&M Artifacts Reports Package ▾ Management ▾

Listing Implementation Plan Risk Assessment

WORKING GROUP-ITEST [Not Yet Authorized](#) > Controls > Listing > Import/Export

Test Results

Import

• Template: [Browse...](#) [Upload](#) [Cancel](#)

Export

Select Security Controls to export to a defined template.

[Export All](#) [Custom Export](#)

Control Information

Import

• Template: [Browse...](#) [Upload](#) [Cancel](#)

• Import Type: Implementation Plan [Upload](#) [Cancel](#)

Export

Select Security Controls to export to a defined template.

[Export All](#) [Custom Export](#)

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eMASS Help Desk | Email: dcisa.global.servicedesk.mfo.application-ticket-request@gmail.mil | Commercial Phone: 1-(844)-347-2437 Options 1, 2 | DSN: 850-0032 Option 1, 3



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- Place a checkmark in the checkbox of the security controls that will be exported. Ensure that controls marked **Not Applicable Official (NAO)**, due to application of an overlay, are NOT selected. Select [Export Selected] from the drop down.

Test Result Export

NIST SP 800-53 Revision 4

Currently Displaying 397 Control(s)

Access Control (AC)

Acronym	Status	Name	Priv	Unassigned	Select
AC-1	NC	Access Control Policy And Procedures	0		<input checked="" type="checkbox"/>
AC-2	NC	Account Management	0		<input checked="" type="checkbox"/>
AC-2(1)	NAO	Automated System Account Management	0	Unassigned	<input type="checkbox"/>
AC-2(2)	NAO	Removal Of Temporary / Emergency Accounts	0	Unassigned	<input type="checkbox"/>
AC-2(3)	NAO	Disable Inactive Accounts	0	Unassigned	<input type="checkbox"/>
AC-2(4)	NC	Automated Audit Actions	0	Unassigned	<input checked="" type="checkbox"/>
AC-2(5)	NC	Inactivity Logout	0	Unassigned	<input checked="" type="checkbox"/>
AC-2(7)	NC	Role-based Schemes	0	Unassigned	<input checked="" type="checkbox"/>
AC-2(9)	NC	Restrictions On Use Of Shared Groups / Accounts	0	Unassigned	<input checked="" type="checkbox"/>
AC-2(10)	NC	Shared / Group Account Credential Termination	0	Unassigned	<input checked="" type="checkbox"/>
AC-2(12)	NC	Account Monitoring / Abypical Usage	0	Unassigned	<input checked="" type="checkbox"/>
AC-2(13)	NC	Disable Accounts For High-risk Individuals	0	Unassigned	<input checked="" type="checkbox"/>
AC-3	NC	Access Enforcement	0	Unassigned	<input checked="" type="checkbox"/>
AC-3(2)	NC	Dual Authorization	0	Unassigned	<input checked="" type="checkbox"/>
AC-3(4)	NC	Discretionary Access Control	0	Unassigned	<input checked="" type="checkbox"/>
AC-4	NC	Information Flow Enforcement	0	Unassigned	<input checked="" type="checkbox"/>
AC-5	NC	Separation Of Duties	0	Unassigned	<input checked="" type="checkbox"/>
AC-6	NC	Least Privilege	0	Unassigned	<input checked="" type="checkbox"/>



4. An eMASS template will generate. Complete all sections highlighted in blue. **The test results are required and used to provide confirmation that the security controls are applied and meet the security requirements for the system.** Industry is documenting the results of their self-assessment and determining if all aspects of the control, including the CCIs, are compliant, non-compliant, or not applicable. **DCSA requires CCIs be addressed for each control.** As always, Industry must work with their assigned ISSP. If an overall statement adequately demonstrates to the ISSP how Industry completed the assessment and how/why the control compliance status was determined, it can be entered in each of the CCI required fields. However, it must satisfy the assessment requirements of the ISSP. The template includes instructions and examples.

NG GROUP-TEST Exported on 12-Jul-2019

ol / AP Information				Enter Test Results Here			Latest Test Results			
CCI	CCI Definition	Implementation Guidance	Assessment Procedures	Compliance Status	Date Tested	Tested By	Test Results	Compliance Status	Date Tested	Tested By
002107	The organization defines the personnel or roles to be recipients of the access control policy necessary to facilitate the implementation of the access control policy and associated access controls.	DoD has defined the personnel or roles as all personnel. Recommended Compelling Evidence: Automatically compliant	The organization being inspected/assessed is automatically compliant with this CCI because they are covered at the DoD level. DoD has defined the personnel or roles as all personnel.	Compliant	12-Jul-2019	NAC	Enter Test Results here.			
002108	The organization defines the personnel or roles to be recipients of the procedures necessary to facilitate the implementation of the access control policy and associated access controls.	DoD has defined the personnel or roles as all personnel. Recommended Compelling Evidence: Automatically compliant	The organization being inspected/assessed is automatically compliant with this CCI because they are covered at the DoD level. DoD has defined the personnel or roles as all personnel.	Non-Compliant See Results	12-Jul-2019	NAC	Enter Test Results here.			



Test Result Import Example Instructions



DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

- When the template is complete, return to the Import/Export home page. Click [Browse] to upload the completed eMASS-generated Test Result Export template. Click [Upload].

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eMASS  Search Systems  Help Welcome: **LUCIANA RODRIGUES** Last Login: 12-Jul-2019 Logout

Home ▾ Authorization ▾ Reports ▾ CAM ▾ Administration ▾


System Controls Assets POAM Artifacts Reports Package Management ▾



Listing Implementation Plan Risk Assessment

WORKING GROUP-TEST Not Yet Authorized > Controls > Listing > Import/Export

Test Results



Import

• Template: 


Export


Select Security Controls to export to a defined template.



 

Control Information

Import



• Template: 

• Import Type: Implementation Plan 

Export

Select Security Controls to export to a defined template.

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eMASS Help Desk | Email: dmx.global.servicedesk.mdx.application-ticket-request@mail.mil | Commercial Phone: 1-(844)-347-2457 Options 1, 2 | DSN: 830-0032 Option 1, 2



- The user will be taken to Step 2 – Review Import to verify that the imported test result information is correct.

AP Acronym	Compliance Status	Date Tested	Tested By	Test Results	Ready for Import	Select
CH-8(2)1 (CC: 000411)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>
CH-8(2)2 (CC: 000412)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>
CH-8(2)3 (CC: 000413)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>
CH-8(2)4 (CC: 000414)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>
CH-8(3)1 (CC: 000415)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>
CH-8(3)2 (CC: 000416)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>
CH-8(3)3 (CC: 000417)	Compliant	12-Jul-2019	NAO	Enter Test Results here.	Unable to import	<input type="checkbox"/>

Test results are indicated by green, red, or grey highlight:

- Green Highlight - Ready to be imported and does not require updates.
- Red Highlight - There are errors and the controls are not ready to import.
- Grey Highlight - Unable to be imported into the system.

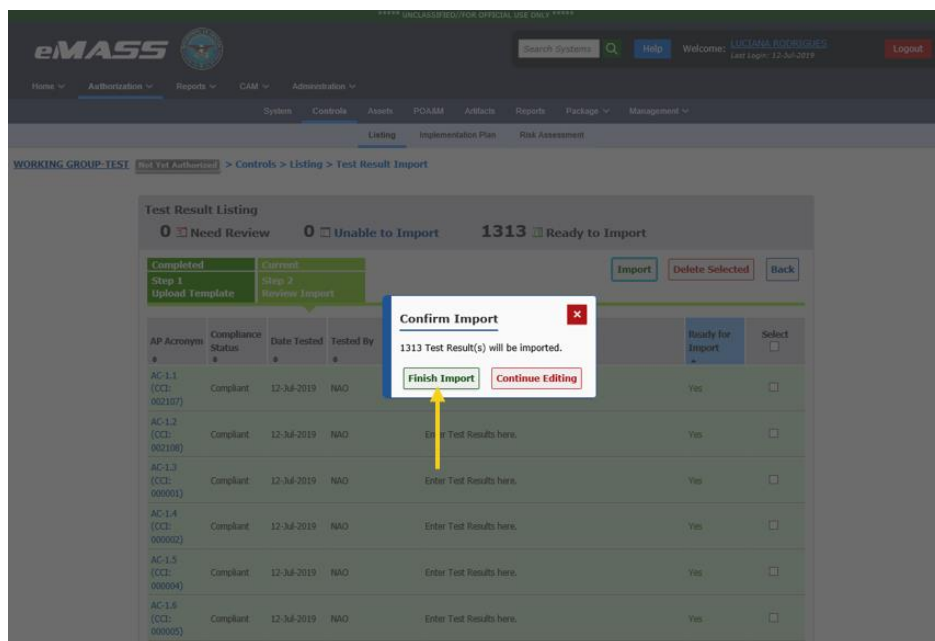
Users may apply the following options to imported test results:

- Edit Results - Edit test results by clicking on the hyperlinked cell or row.
- Delete Results - Delete test results by placing a checkmark in a checkbox for a test result and clicking [Delete Selected].
- Update Results - Update test results by clicking on a hyperlinked row with errors.

Note: If there are any test results with errors, eMASS will prompt the user to review those entries before proceeding to the next step.



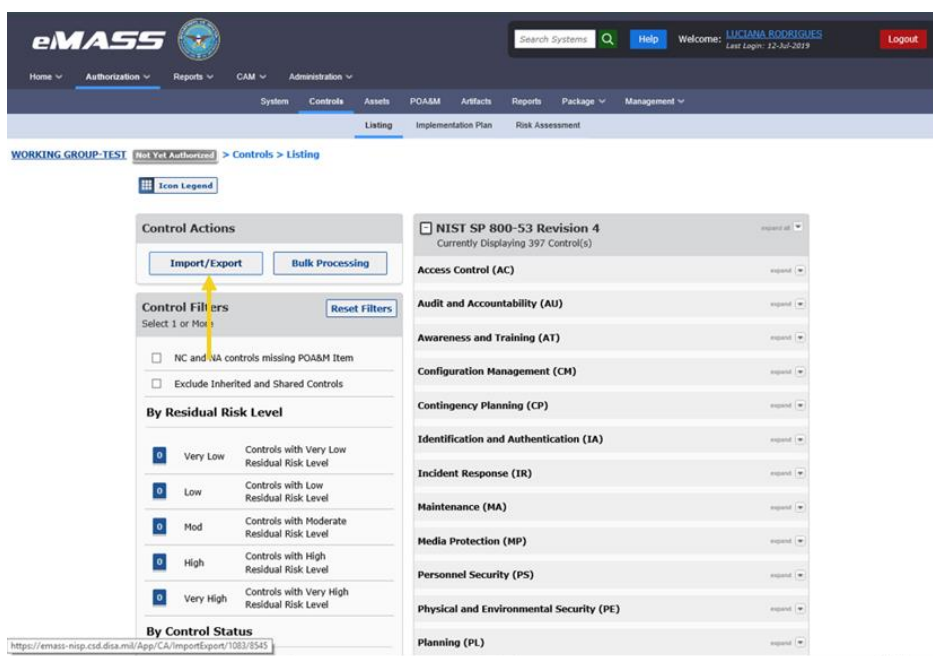
- After confirming all of the test results are ready for import, click [Import]. Review the summary information and click [Finish Import].



The newly imported test results will be added to the Test Result History table for the associated APs. The Control/AP compliance status will be updated automatically based upon the imported test results.

Control Import/Export

- To begin the process, click [Import/Export] under [Control Actions on Controls – Listing] view.





DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

- Control Export allows users to select security controls to export to a defined custom template. From the Import/Export home page, click [Custom Export].

The screenshot shows the eMASS Control Information page. The 'Import' section has a 'Template' dropdown and 'Upload' and 'Cancel' buttons. The 'Export' section has a 'Select Security Controls to export to a defined template.' instruction and 'Export All' and 'Custom Export' buttons. A yellow arrow points to the 'Custom Export' button.

- Place a checkmark in the checkbox of the security controls that will be exported. **Ensure that controls marked NAO, due to application of an overlay, are NOT selected.** Select [Export Selected] from the drop down.

The screenshot shows the eMASS Control Information Export page. The 'Export Actions' dropdown is open, showing 'Export All' and 'Export Selected' options. A yellow arrow points to the 'Export Selected' option.

Acronym	Status	Name	Properties	Residual Risk Level	Select
AC-1	CUO	Access Control Policy And Procedures	0	Unassigned	✓
AC-2	CUO	Account Management	0	Unassigned	✓
AC-2(1)	NAO	Automated System Account Management	0	Unassigned	☐
AC-2(2)	NAO	Removal Of Temporary / Emergency Accounts	0	Unassigned	☐
AC-2(3)	NAO	Disable Inactive Accounts	0	Unassigned	☐
AC-2(4)	CUO	Automated Audit Actions	0	Unassigned	✓
AC-2(5)	CUO	Inactivity Logout	0	Unassigned	✓
AC-2(7)	CUO	Role-based Schemes	0	Unassigned	✓
AC-2(9)	CUO	Restrictions On Use Of Shared Groups / Accounts	0	Unassigned	✓
AC-2(10)	CUO	Shared / Group Account Credential Termination	0	Unassigned	✓
AC-2(12)	CUO	Account Monitoring / Atypical Usage	0	Unassigned	✓
AC-2(13)	CUO	Disable Accounts For High-risk Individuals	0	Unassigned	✓
AC-3	CUO	Access Enforcement	0	Unassigned	✓
AC-3(2)	CUO	Dual Authorization	0	Unassigned	✓
AC-3(4)	CUO	Discretionary Access Control	0	Unassigned	✓
AC-4	CUO	Information Flow Enforcement	0	Unassigned	✓



DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

4. An eMASS template for an Implementation Plan, SLCM strategy, and Risk Assessment will generate. Complete all required fields in the Implementation Plan section. Use the “Comments” section to provide information regarding the implementation strategy and functional description of security control Implementation (including planned inputs, expected behavior, and expected outputs). This section will include any additional information necessary to describe how the security capability is achieved. Users can also use this section to provide any needed explanation/justification. When referencing an artifact to support the implementation of a security control, provide the following: Artifact name, description, type, template (if applicable), category (e.g., Implementation Guidance, Evidence, and Other), expiration date, last reviewed date, page number, and artifact owner (if applicable).

Control Information		Implementation Plan							IM
Control Title	Control Information	Implementation Status	Common Control Provider	Security Control Designation	NA Justification	Estimated Completion Date	Comments	Responsible Entities	IM
Access Control Policy And Procedures	<p>Description: This organization: 1. Develops, documents, and disseminates to [Assignment: organization-defined personnel or roles]; 2. An access control policy that addresses purposes, scope, roles, responsibilities, management commitment, coordination among organizational entities, and compliance; and 3. Procedures to facilitate the implementation of the access control policy and associated access controls; and 4. Reviews and updates the current: 1. Access control policy [Assignment: organization-defined frequency]; and 2. Access control procedures [Assignment: organization-defined frequency].</p> <p>Supplemental Guidance: This control addresses the establishment of policy and procedures for the effective implementation of selected security controls and control objectives in the AC family. Policy and procedures reflect applicable federal laws, Executive Orders, directives, regulations, policies, standards, and guidelines. Security program policies and procedures of the organization may make the need for system-specific policies and procedures necessary. The policy can be included as part of the general information security policy for organizations or, alternatively, can be represented by multiple policies reflecting the complex nature of certain organizations. The procedure can be established for the security program in general and for particular information systems, if needed. This organizational risk management strategy is a key factor in establishing policy and procedures. Related control: PM-5.</p>	Implemented	Component	Continuous	If Applicable	11/10/2019	Use the "Comments" section to provide information regarding the implementation strategy. You can use this section to provide any needed explanation/justification or additional information.	NAO	
Access Management	<p>Description: This organization: 1. Identifies and selects the following types of information system accounts to support organizational missions/business functions [Assignment: organization-defined information system account types]; 2. Assigns account managers for information system accounts; 3. Establishes conditions for group and role membership; 4. Specifies authorized uses of the information system, group and role membership, and access authorizations (i.e., privileges) and other attributes (as required) for risk control; 5. Requests approvals by [Assignment: organization-defined personnel or roles] for requests to create information system accounts; 6. Creates, enables, modifies, disables, and removes information system accounts in accordance with [Assignment: organization-defined procedures or conditions]; 7. Monitors the use of information system accounts; 8. Revokes account manager; 9. When accounts are no longer required: 1. When users are terminated or transferred; and 2. When individual information system usage is need-to-know changes; 1. Authorizes access to the information system based on: 1. A valid access authorization; 2. Individual system usage; and 3. Other attributes (as required) by the organization or associated mission/business functions; 4. Reviews accounts for compliance with account management requirements [Assignment: organization-defined frequency]; and 5. Establishes a process for reviewing and/or removing account credentials (if</p>	Implemented							

5. Complete all required fields in the SLCM section.

SLCM									
Comments	Responsible Entities	Criticality	Frequency	Method	Reporting	Tracking	SLCM Comments	Severity	Relevance of Threats
Use the "Comments" section to provide information regarding the implementation strategy. You can use this section to provide any needed explanation/justification or additional information.	NAO	CRWG White Criticality Control	Annually	Semi-Automated	Detail continuous monitoring reporting information.	Detail how continuous monitoring efforts are tracked.	Provide any needed comments.		
		CRWG Yellow Criticality Control							



- [illegible]

-
- The screenshot displays the eMASS system interface. At the top, the 'eMASS' logo is on the left, and a search bar, 'Help' button, and user information 'LUCIANA RODRIGUES' (Last Login: 15 Jul 2019) are on the right. The main navigation bar includes 'Home', 'Authorization', 'Reports', 'CAM', and 'Administration'. Below this, a secondary navigation bar shows 'System', 'Controls' (active), 'Assets', 'POMM', 'Artifacts', 'Reports', 'Package', and 'Management'. A sub-menu for 'Controls' includes 'Listing', 'Implementation Plan', and 'Risk Assessment'. A message box states 'The Control Information Import was imported successfully.' Below this, the 'Control Information' section is divided into 'Import' and 'Export' tabs. The 'Import' tab shows a form with 'Template' set to 'C:\Users\Luciana.Rodriguez\Browse...' and 'Import Type' set to 'Implementation Plan'. The 'Export' tab is also visible. A yellow arrow points to the 'Upload' button in the 'Export' section.



8. The user will be taken to the second step of Control Import to verify that the imported information is correct. Control information that is ready to be imported and does not require updates will be located within the green [# Ready to Import] section. Control information that is not ready to import will be located in the red [# Need Review] section. Control information that is unable to be imported will be located in the grey [# Unable to Import] section.

Control Information Import

0 Need Review 277 Ready for Import 0 Unable to Import

AC-1

Control Listing

Implementation Plan

Implementation Status: Planned

Security Control Designation: System-Specific

Estimated Completion Date: 30-Jul-2021

Comments: Use the "Comments" section to provide information regarding the implementation strategy. You can use this section to provide any needed explanation/justification or additional information.

Responsible Entities: IAM

Users have the following options for imported Security Controls:

- Edit Security Control information by clicking on the control within the “Need Review” and/or “Ready for Import” sections of the Import. If any information is modified, the user must click [Save Control] to ensure the changes are recorded before proceeding. [Save Control] will only appear once all required fields have been completed.
- Users can completely remove imported information per security control by clicking [Delete Control] within the “Need Review” and/or “Ready for Import” sections of the Import.



5.3.3 IMPLEMENTATION PLAN

Select [Implementation Plan] on the top menu. The Implementation Plan sub-navigational tab displays assigned security controls and lists the following information: Control Acronym, Implementation Status, Security Control Designation, Responsible Entities, and Estimated Completion Date. The information here populates the Implementation Plan and SLCM Strategy.

Note: The instructions below are for adding Implementation Plan information individually. If the user has used the Control Import/Export feature to import Implementation Information, this information will be prepopulated.

To edit the "Implementation Plan", conduct the following actions:

1. Select the control(s) to edit in the "Select Visible" column and click [Edit Selected].
2. To edit the implementation plan for all controls, place a check in the checkbox located in the "Select Visible" column header and click [Edit Selected]. Once the user clicks [Edit Selected], the Edit Implementation Plan screen will display.

The following information must be completed:

Implementation Plan

1. Implementation Status: Select Applicable Option;
2. Security Control Designation: Select Applicable Option;
3. Estimated Completion Date: Enter projected completion; and
4. Responsible Entities: Personnel responsible for implementing each control.

System-Level Continuous Monitoring (SLCM) Strategy (a/k/a Continuous Monitoring Strategy)

1. Criticality: Indicate the criticality of monitoring the Control as Red, Yellow, or White. *(Note: The DoD Continual Reauthorization Working Group (CRWG) Criticality Ratings (Red, Yellow, and White) are associated with security controls (NIST SP 800-53 Priority 1 = Red, NIST SP 800-53 Priority 2 = Yellow, and NIST SP 800-53 Priority 3 = White).* Control Criticality Rating is annotated for each control on the Control Listing page. Security controls identified with a Red or Yellow Criticality icon contain rationale surrounding the actions that need to be taken when assessed and validated as NC. Reference the Control Statuses Section of the DISA eMASS User Guide.
2. Frequency: Indicate the frequency with which the control is monitored.
3. Method: Indicate the method of monitoring the control.
4. Reporting: Provide a short narrative explaining who reports what to whom by when;
5. Tracking: Provide a short narrative explaining how security controls found to be non-compliant or ineffective will be tracked.
6. SLCM Comments: Provide a short narrative further explaining any other details not appropriate for the other fields.

Reference the DISA eMASS User Guide (Implementation Section).



Note: Implementation Plan information must be completed.

5.3.4 RISK ASSESSMENT

The Risk Assessment tab displays the Risk Assessment Summary and the Security Control Distributions. Industry is required to complete the Risk Assessment for all NC security controls.

The Risk Assessment Summary allows users to document the assessed risk for the system's security controls. The Security Control Distributions section displays risk assessment information surrounding the number of NC controls per Residual Risk Level and number of NC controls per severity.

Users can enter/edit risk assessment information from the Risk Assessment Summary or Control Details page.

Risk Assessment:

1. Under the "Control" tab, select [Risk Assessment].
2. Click on the row for the applicable security control. *Note: Clicking on the control acronym will display information about the control and will not allow the user to edit the risk assessment information.*

Risk Assessment Summary					
Populate selected from POAM					
Security Control Distributions					
Filter					
Show 10 entries					
Search:					
Control Acronym	Status	Risk Attributes	Vulnerability Summary	Impact Description	Recommendations
AC-2	NC-00	Severity: High Relevance of Threat: Moderate Likelihood: Moderate (Recommended: Moderate) Impact: Very High Residual Risk Level: High (Recommended: High)	eMASS Training System: Sample vulnerability summary.	eMASS Training System: Sample impact description.	eMASS Training System: Sample recommendations.
SC-7	NC-00	Severity: Moderate Relevance of Threat: Low Likelihood: Low (Recommended: Low) Impact: Moderate Residual Risk Level: Low (Recommended: Low)	Sample vulnerability summary.	Sample impact description.	Sample recommendations.



3. The Edit Risk Assessment Information pop-up displays.

Edit Risk Assessment Information

Control: AC-2

Severity: Moderate

Relevance of Threat: High

Likelihood: Moderate
(Recommended: Moderate)

Impact: High

Residual Risk Level: Moderate
(Recommended: Moderate)

Vulnerability Summary: Sample vulnerability summary.

Impact Description: Sample impact description.

Recommendations: Sample recommendations.

Auto-populate from POA&M Save

4. Enter information and click [Save]. If the security control was already identified and documented in the POA&M, users can pull over information by using the Auto-populate from the POA&M button.

Note: Severity, Relevance of Threat, Likelihood, Impact, and Residual Risk Levels are determined following the charts in NIST SP 800-30.

Control Details:

1. On Control Details, click [View/Edit].

Control Description

The organization:

a. Develops, documents, and disseminates to [Assignment: organization-defined personnel or roles]:

1. An access control policy that addresses purpose, scope, roles, responsibilities, management commitment, coordination among organizational entities, and compliance; and
2. Procedures to facilitate the implementation of the access control policy and associated access controls; and

b. Reviews and updates the current:

1. Access control policy [Assignment: organization-defined frequency]; and
2. Access control procedures [Assignment: organization-defined frequency].

Supplemental Guidance:

This control addresses the establishment of policy and procedures for the

Control is: Applicable Save

Artifacts and POA&M Items

Artifacts	1	View/Manage
POA&M Items	0	View Add

Implementation Plan View/Edit

Est. Completion Date: 31-Aug-2019 **Implementation Status:** Implemented

Risk Assessment Information View/Edit

Severity: Unassigned **Residual Risk Level:** Unassigned
(Recommended: None)

Inheritance Manage Inheritance

2. The Edit Risk Assessment Information pop-up displays.
3. Users can populate/edit the same control risk fields as the Risk Assessment Summary (adjusting a value in one location will automatically be reflected in the other.) As such, the same auto-



calculations and recommended value displays for the “Likelihood” and “Residual Risk Level” fields are applied to the Edit Risk Assessment Information pop-up.

4. Enter information and click [Save].

Reference the DISA eMASS User Guide (Risk Assessment Section).

Note: Risk Assessment information must be completed for NC controls.

5.4 PLAN OF ACTION AND MILESTONES (POA&M)

The eMASS allows users to create and edit POA&M items, add additional milestones, review and modify the POA&M, provide the AO with risk assessments, and ensure transparency to corrective actions and mitigation efforts. The eMASS requires a POA&M for NC controls. If annotating a system vulnerability is determined to be classified as per the SCG, indicate in eMASS that details will be maintained on site.

While a package is being processed in the PAC, all POA&M items (both control-level and system-level) existing at package creation will be locked. Users can view details of locked POA&M items, but can only edit the risk analysis fields.

Users are responsible for updating a POA&M “Completion Status” based on actions taken against a control (e.g., control status change). The eMASS users can choose to view the POA&M items in a “Table View” or “Card View” format.

Reference the DISA eMASS User Guide (Plan of Action and Milestones Section).

Note: A POA&M Template is available in the “Help” section of eMASS.

5.5 ARTIFACTS

The user can upload artifacts into eMASS to support authorization activities. Artifacts can be documents, diagrams, Visio charts, spreadsheets, etc. These artifacts may be associated at the system level or the control and/or AP level.

To add artifacts, conduct the following actions:

1. Select [Artifacts] on the top menu.
2. Click [Artifacts] to open the Artifacts screen.
3. Click [Add Artifact] and the Add Artifact screen opens.
4. Search for the desired control and/or AP associated with the artifact by clicking [Search]. Security controls may be searched by “Control Family,” “Control Acronym/Control Name,” and “Include APs.” If a user does not select “Include APs,” only controls will be returned in the search results;
5. A list of controls and/or APs will be displayed based on the search criteria. Select the [+] button to associate an individual security control and/or AP to the artifact.
6. Complete all required artifact information. The “Artifact Owner” field will only appear if the system has established a manual inheritance relationship. The optional “Artifact Expiration Date” allows for tracking of any artifact that requires periodic reviews and updates.



7. Enter the artifact information. The “Category” drop-down menu has the following choices:
 - Implementation Guidance: Specific guidance for implementation of the system.
 - Evidence: Artifacts that are related to the system, but not specifically guidance for that system’s implementation.
 - Other: Digitally signed reports from packages.
 - Click [Browse] to select the location of the artifact to upload.
 - Click [Save] to complete the process of adding the artifact and to return to the Control Details screen.

Reference the DISA eMASS User Guide (Artifacts Section).

Note: The maximum file size for downloading artifacts is 100 MB.

5.6 SUBMIT FOR REVIEW

Prior to submitting for review, Industry must ensure the following is complete:

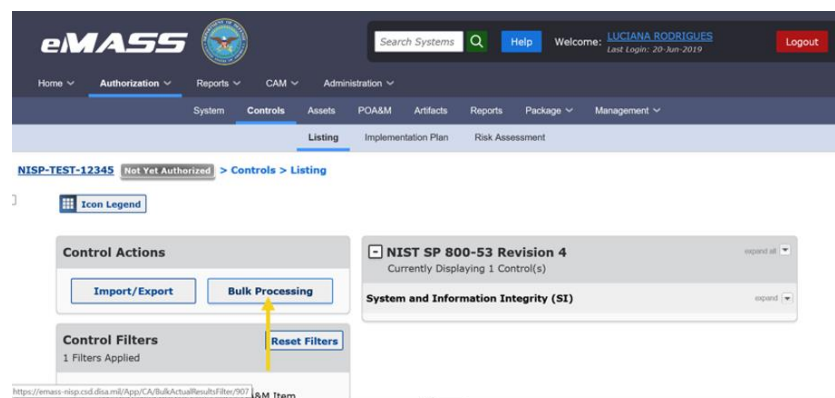
1. Test Results for all security controls.
2. Implementation Plan for all security controls.
3. SLCM for all security controls.
4. Risk Assessment for all NC controls.

Note: Security controls must contain acceptable responses for Test Results, Implementation Plan, SLCM, and Risk Assessment (if applicable). If the responses are not acceptable and the documentation is insufficient, the system package review will take additional time and the ISSP may recommend a DATO.

Industry/CAC – 1 Actions: Once all the information listed above is complete, the security controls are ready to move to the next stage of the CAC (CAC – 2/ISSP). **Industry users are not required to initiate a workflow to submit.** The ISSP will complete the control validation/assessment. When the validation process is complete, the ISSP will initiate the Package Approval Chain workflow.

Use the Bulk Processing feature in eMASS to submit controls to the ISSP in the CAC – 2 role for validation.

1. Select [Bulk Processing] on the Controls – Listing screen.





- Bulk Processing has the following options: "Add Test Results," "Set as Not Applicable," "Submit for Review," "Validate," or "Skip Validation." Select [Submit for Review].

Controls

Filters

Control Set: Compliance Status:

Control Family: Approval Chain State:

Control Acronym	Name	Control Family	Control Set	Compliance Status	Residual Risk Level	Select Visible
AC-1	Access Control Policy And Procedures	Access Control	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>
AC-2	Account Management	Access Control	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>

- Place a check in the [Select Visible] checkbox next to all the security controls. *Note: Scroll down to the bottom of the page and expand page size to 1000 to view/select all.*

Controls

Filters

Control Set: Compliance Status:

Control Family: Approval Chain State:

Control Acronym	Name	Control Family	Control Set	Compliance Status	Residual Risk Level	Select Visible
AC-1	Access Control Policy And Procedures	Access Control	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>
AC-2	Account Management	Access Control	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>



SI-4(21)	Probationary Periods	System and Information Integrity	NIST SP 800-53 Revision 4	Not Applicable	Unassigned	<input checked="" type="checkbox"/>
SI-4(22)	Unauthorized Network Services	System and Information Integrity	NIST SP 800-53 Revision 4	Not Applicable	Unassigned	<input checked="" type="checkbox"/>
SI-4(23)	Host-based Devices	System and Information Integrity	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>
SI-5	Security Alerts, Advisories, And Directives	System and Information Integrity	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>
SI-7(14)	Binary Or Machine Executable Code	System and Information Integrity	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>
SI-10	Information Input Validation	System and Information Integrity	NIST SP 800-53 Revision 4	Not Applicable	Unassigned	<input checked="" type="checkbox"/>
SI-11	Error Handling	System and Information Integrity	NIST SP 800-53 Revision 4	Compliant	Unassigned	<input checked="" type="checkbox"/>
SI-12	Information Handling And Retention	System and Information Integrity	NIST SP 800-53 Revision 4	Non-Compliant	Unassigned	<input checked="" type="checkbox"/>

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[Submit for Review](#) [Cancel](#)

A Workload Task notification will be generated for the second role in the CAC (CAC – 2/ISSP).

5. To check the security controls status in the CAC, IAM users that either registered the system or have an assigned IAM role for a system package can run a CAC History Report. This report allows users to see the system’s package status within the CAC.

Reports > CAC History Report > Select the System Acronym from the drop-down menu > Generate Report.

ISSP/CAC – 2 Actions: The assigned ISSP will log in to eMASS and go to the Control Details screen for the control requiring validation. The CAC – 2 role will be highlighted in blue and an [Approve/Return] button will be listed. The ISSP has two options:

1. Add a test result before approving the Control. If the ISSP adds a test result before approving the control, the control’s status will change from Compliant Unofficial (CUO), Non-Compliant Unofficial (NCUO), or Not Applicable Unofficial (NAUO) to Compliant Validated (CV), Non-Compliant Validated (NCV), or Not Applicable Validated (NAV). This feature allows the validator to retest and verify a submitted test result.
2. Continue the approval process. The ISSP will click [Approve/Return]. This action will reveal the Approve/Return screen. The ISSP has two options: “Approve” or “Return for Rework.” “Return for Rework” returns the control back to the CAC – 1/Industry. Both options require the ISSP to complete the “Comments” text field. Once saved, the control receives a final validation status of Compliant Official (CO), Non-Compliant Unofficial (NCO), or Not Applicable Official (NAO).

Reference the DISA eMASS User Guide (Security Control Testing and Validation Section).



6 PACKAGE APPROVAL CHAIN WORKFLOWS

DCSA will submit packages through the PAC for review and approval. **The only exception is the Decommission Workflow. Industry will initiate the Decommission Workflow.** Each package type will be captured and tracked historically within the Historical Package Listing for a system record.

6.1 PACKAGE TYPES

The package types available for submission into the PAC are listed below. All package types share common functionality concerning initiation, submission, and approvals.

1. **Assess and Authorize:** This is selected when all required A&A activities are completed, and the system is ready to be submitted and reviewed through the PAC for an authorization decision. At the final step of the workflow, the AO has the ability to render an authorization decision. The AO also has the optional ability to set the System's Security Plan approval status and associated date. Upon completion of the workflow, the system's authorization status will be set to the selected authorization decision.

The package is a static snapshot in time. If the live system data is changed while the package is being reviewed, the package will not be updated. Information contained in the package cannot be edited or changed, with the exception of the following:

- All POA&M items contained in the package, except for the risk analysis fields, are completely locked during the review process until an authorization decision is applied by the AO. Changes to the risk analysis fields in the package POA&M items will be reflected in the live system.
- The Risk Assessment Summary contained in the package can be updated during the review process until it is finalized by the SCA. Changes to the Risk Assessment Summary in the package Risk Assessment will be reflected in the live system.
- An A&A decision applied to the package will be reflected in the live data.

The following business rules are enforced for an Assess and Authorize package type:

- All NC controls must have at least one associated "Ongoing" or "Risk Accepted" POA&M item mapped to either the control-level or AP-level.
- "Severity" values must be assigned to all POA&M items to proceed past the SCA role.
- The AO will be prohibited from granting a full ATO if an RMF package has at least one NC control with a control Residual Risk Level of "High" or "Very High".
- If an RMF system with at least one control Residual Risk Level of "High" or "Very High" still requires operation, the authorization conditions should specify a review period that is within six months of the authorization date. The POA&M supporting this authorization must document the identified risk and specify the necessary corrective actions to be completed before the review.



2. **Extension:** Selected when an extension is requested for an authorization. Mimics the Assess and Authorize package type process. The Assess and Authorize package business rules are also enforced for an Extension package type.
3. **Denial of Authorization to Operate (DATO):** Selected for an expedited DATO decision. The DATO workflow type does not create a static snapshot upon initiation. At the final step of the PAC, the AO will issue the DATO decision. PAC users also have the ability to specify the system's Security Plan approval status and associated date, terms and conditions, and executive risk summary.
4. **Decommission:** Selected when requesting a formal decommissioned decision as part of a system decommissioning strategy. The Decommission workflow type does not create a static snapshot upon initiation. [This is the only workflow initiated by the IAM (Industry)]. A Decommission Plan should be uploaded as an artifact. The system will be checked for inheritance relationships and package reviewers will be notified of any remaining active control inheritance.
5. **POA&M Approval:** Selected for the review and approval of one or many POA&M items within a system. Once approved, the review status for all included POA&M items will update to "Approved".

The package is a static snapshot in time. The following information is available for review in a POA&M Approval package, although it is limited to information related to the POA&M items included in the package:

- Package Overview
- Risk Assessment
- POA&M
- Categorization
- Artifacts
- Reports

The following business rules are enforced for a POA&M Approval package type:

- All POA&M items contained in the package are locked during the review process except for the risk analysis fields, which can only be edited when the package resides at the user's role in the PAC. Changes to the risk analysis fields in the package POA&M will be reflected in the live system.
- Any role can upload artifacts.
- Any role can update the package Risk Assessment information.

Note: Industry completes the package in the CAC. The actions below are conducted by DCSA.



6.2 PACKAGE WORKFLOW MANAGEMENT

The Package module focuses on processing packages through various workflows. The NISP eMASS instance has defined workflows for each package type. For the main package types (Assess and Authorize, Extension, DATO, and POA&M Approval), the ISSP/SCA will "initiate" the workflow. The IAM (Industry) can only initiate the Decommission Workflow. Within the workflow, collaboration boards facilitate communication between system personnel.

Workflow Initiation: Users will conduct the actions below to initiate a workflow.

1. Navigate to the Package Status tab located within the package main tab.
2. Choose the workflow type that will be submitted into the PAC.
3. On the Create New page, enter the "System Name" and enter optional "Comments." Click [Initiate Workflow] to initiate the workflow;
4. A confirmation message will appear stating that the workflow was successfully initiated.
5. PAC users can now use the collaboration boards to comment/collaborate and upload artifacts as the package is processed through the workflow.

Cancel Workflow: From the Package Status page, users may review the initiated workflow. To cancel the workflow initiation, select [Cancel] from the "Action" dropdown, provide information in the "Comments" section, and click [Cancel]. A confirmation message will appear stating that the workflow was successfully cancelled.

Package Submission: From the Package Status page, the user with the 1st PAC role in the workflow will submit the initiated package. The active role is highlighted in dark blue in the PAC bar and a user with that highlighted role will have the ability to act on the workflow. Select [Approve] from the "Action" dropdown, enter in required "Comments" and click [Approve] to submit the package to the next role.

Package Review: PAC users reviewing a package can "Approve," "Disapprove and Move Forward," or "Return for Rework."

Updates to System: PAC users reviewing a package can view updates made to the live system since the package was submitted into the PAC.

1. Click [Updates to System] from the Package Status screen.
2. The "Updates to Current System" pop-up window will display a count of POA&M items (grouped by completion status) that have been added to the live system since the package was created.
3. To view any changes to control compliance status since package creation, click the [Updated Controls] tab.

Package Status: The "Package Status" sub-tab of an active workflow displays the following information and notifications:

1. Package Progress Bar shows the location of the package in the approval chain and the elapsed time spent at the current and each previous package reviewing role.



2. The “Assessment Recommendations” section shows any special artifacts and comments added by package reviewers.
3. The “Collaboration Board” displays all actions performed by package reviewers and the date the action occurred. Additionally, it shows all user posts and replies since the workflow initiation.
4. Package notifications will potentially display on the “Package Status” sub-tab depending on the information contained within the package or certain events in the live system. Package notifications can appear as yellow warnings (informational) or red warnings (package cannot proceed forward until the issue has been addressed).

Package Overview: Package Overview mimics the Controls – Listing page and displays information on the compliance status of security controls and allows the reviewer to drill down to view specific information on each security control. The Package Control Summary view can be expanded or collapsed simultaneously or by an individual control family.

Package Risk Assessment: Risk Assessment allows the reviewer to view and edit the package Risk Assessment Summary. Any changes made to the risk information in the package will be reflected in the live System Risk Assessment.

Package POA&M: Package POA&M allows the reviewer to view and to edit the package POA&M (risk analysis fields only). Any changes made here will be reflected in the live System POA&M. To add or modify a package POA&M item’s risk analysis fields, click the hyperlinked “Vulnerability Description” and then [Edit].

Package Categorization: The system’s security categorization can be viewed in package Categorization. The package Categorization displays the overall categorization (Confidentiality, Integrity, and Availability values), applied Information Types, rationale for categorization, and any additional authorization requirements.

Package Artifacts: Artifacts attached to the package can be viewed in package “Artifacts”.

Package Reports: Reports associated with the active package can be viewed and downloaded in “Package Reports”.

Return for Rework: Throughout the review and approval process, the PAC user has the option to return a package for rework.

1. “Return for Rework” option is selected from the “Select Action” drop-down menu.
2. Select the appropriate role in the drop-down menu.
3. Provide comments and click [Return for Rework].

Applying an Assessment Decision: For authorization package types, the DCSA roles can assess the submitted package and provide the AO with authorization recommendations. When assessing the package, these roles can document an Executive Summary describing the overall system cybersecurity risk and recommend an ATD. After applying the assessment decision to the active package, the DCSA PAC roles will automatically be taken to the Package Reports view to apply a digital signature to the SAR.

Applying an Authorization Decision: For authorization package types, the AO will be prompted to select the appropriate authorization decision for the system.



1. Once an "Authorization Determination" for the package is selected, the "Authorization Date," "Terms/Conditions for Authorization," "Authorization Termination Date," and "ADD Classification" fields appear;
2. The "ATD" field will display a list of preset dates based on the "Authorization Status" the user selected;
3. The AO will enter information for all required fields and select [Authorize]; and
4. After applying the authorization decision to the active package, the AO will be automatically redirected to the package Reports view to apply a digital signature to the Security Plan Report and Authorization Decision Document.

Reference the DISA eMASS User Guide (Package Section).

7 DECOMMISSIONED SYSTEMS

According to the RMF, the last phase of a system's life cycle is the decommission phase. The eMASS has several rules governing decommissioned systems:

1. Decommissioned systems remain in the eMASS instance repository but no longer appear on any reports, metrics, or general system searches;
2. New inheritance relationships cannot be requested with systems that have an "Authorization Status" of "Decommissioned";
3. Setting an "Authorization Status" as 'Decommissioned' will automatically update the "RMF Activity" field to "Decommissioned";
4. Setting the "RMF Activity" field to "Decommissioned" will automatically update the "Authorization Status" to "Decommissioned"; and
5. Systems of any registration type can be set to "Decommissioned."



Workflow Initiation: The Decommission Workflow is initiated by the IAM (Industry). The IAM (Industry) will conduct the actions below to initiate the workflow.

1. Navigate to the “Package Status” tab located within the package main tab. Click the [Decommission] box.

The screenshot shows the 'Package Status' tab in a web application. The navigation bar includes 'System', 'Controls', 'POA&M', 'Artifacts', 'Reports', 'Package' (selected), and 'Management'. Below the navigation bar, the 'Package Status' tab is active. The main content area is titled 'CREATE NEW' and 'SELECT TO START A NEW WORKFLOW'. It contains five boxes: 'ASSESS AND AUTHORIZE' (Submit a package for an Assessment and Authorization Decision), 'EXTENSION' (Submit a package for an Authorization Extension), 'DENIAL OF AUTHORIZATION TO OPERATE (DATO)' (Submit a package for a Denial of Authorization to Operate Decision (DATO)), 'DECOMMISSION' (Submit a package for a Decommission Decision), and 'POA&M APPROVAL' (Submit one or many POA&M Items for approval). The 'DECOMMISSION' box is highlighted with a yellow border.

2. On the “Create New” page, enter the “Package Name” and enter optional “Comments.” The “Package Name” will be the System Name. Click [Initiate Workflow] to initiate the workflow.

The screenshot shows the 'CREATE NEW DECOMMISSION' page. At the top right, under 'ROLES', are 'IAM', 'REGIONAL AO', 'SCA', and 'TEAM LEAD'. A workflow diagram shows four steps, each labeled '0 days' and 'Incomplete': 1. IAM, 2. SCA, 3. Team Lead, and 4. Regional AO. Below the diagram, there is a 'SELECT ACTION:' dropdown menu with 'Initiate Workflow' selected. To the right, there is a 'PACKAGE NAME:' text input field containing '12345-MUSA-ALL HANDS DEMO'. Below that is a 'COMMENTS:' text area with the text 'Comments are viewable to all members of the PAC (IAM, SCA, Team Lead, and AO)'. At the bottom right, there are two buttons: 'Initiate Workflow' (highlighted with a yellow arrow) and 'Back'.



Package Submission: From the “Package Status” page, the IAM (Industry) will submit the initiated package. The active role is highlighted in dark blue in the PAC bar, and the user with that highlighted role will have the ability to act on the workflow. Industry will also have the option to add the Decommission Plan. Select [Approve] from the “Action” dropdown, enter in required “Comments” and click [Approve] to submit the package to the next role.

PACKAGE TYPE DECOMMISSION
PACKAGE NAME 12345-MUSA-ALL HANDS DEMO

ROLES IAM

0 days 0 days 0 days 0 days
In Progress Incomplete Incomplete Incomplete
1. IAM 2. SCA 3. Team Lead 4. Regional AO

* SELECT ACTION:
Approve

* COMMENTS:
Comments are viewable by all members of the PAC.

Approve

Supporting Information

ASSESSMENT RECOMMENDATIONS

Add Recommendation

Name (see details)	Comments	Filename (open artifacts)	Created By	Created Date

Package Review: PAC users reviewing a package can perform the following actions: “Approve,” “Disapprove and Move Forward,” or “Return for Rework.”

ISSP Actions

1. The ISSP will assess the package and select the applicable action.

PACKAGE TYPE DECOMMISSION
PACKAGE NAME 12345-MUSA-ALL HANDS DEMO

ROLES SCA

0 days 0 days 0 days 0 days
Complete In Progress Incomplete Incomplete
1. IAM 2. SCA 3. Team Lead 4. Regional AO

* SELECT ACTION:
Options
Approve
Disapprove and Move Forward
Return for Rework

* COMMENTS:
Comments are viewable by all members of the PAC.

Approve

Supporting Information

ASSESSMENT RECOMMENDATIONS

Add Recommendation

Name (see details)	Comments	Filename (open artifacts)	Created By	Created Date
Decommission Plan (21-Oct-2019 14:53:41)		Decommission Plan.docx	RODRIGUES, LUCIANA (CIV. NISP)	21-Oct-2019

Collaboration Board

New Comment Subscribe



DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

- If the ISSSP concurs, he or she will act on the workflow and submit the package to the next role. Select [Approve] from the “Action” dropdown, enter in required “Comments” and click [Approve] to submit the package to the Team Lead.

PACKAGE TYPE DECOMMISSION
PACKAGE NAME 12345-MUSA-ALL HANDS DEMO

ROLES
SCA

0 days
Complete
1. IAM

0 days
In Progress
2. SCA

0 days
Incomplete
3. Team Lead

0 days
Incomplete
4. Regional AO

* SELECT ACTION:
Approve

* COMMENTS:
Comments are viewable by all members of the PAC.

Approve

Supporting Information

ASSESSMENT RECOMMENDATIONS

Add Recommendation

Name (see details)	Comments	Filename (open artifacts)	Created By	Created Date
Decommission Plan (21-Oct-2019 14:53:41)		Decommission Plan.docx	RODRIGUES, LUCIANA (CIV; NISP)	21-Oct-2019

Team Lead Actions

- The Team Lead will assess the package and select the applicable action.

PACKAGE TYPE DECOMMISSION
PACKAGE NAME 12345-MUSA-ALL HANDS DEMO

ROLES
TEAM LEAD

0 days
Complete
1. IAM

0 days
Complete
2. SCA

0 days
In Progress
3. Team Lead

0 days
Incomplete
4. Regional AO

* SELECT ACTION:
Options
Approve
Disapprove and Move Forward
Return for Rework

* COMMENTS:
Comments are viewable by all members of the PAC.

Approve

Supporting Information

ASSESSMENT RECOMMENDATIONS

Add Recommendation

Name (see details)	Comments	Filename (open artifacts)	Created By	Created Date
Decommission Plan (21-Oct-2019 14:53:41)		Decommission Plan.docx	RODRIGUES, LUCIANA (CIV; NISP)	21-Oct-2019



DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

2. If the Team Lead concurs, he or she will act on the workflow and submit the package to the next role. Select [Approve] from the “Action” dropdown, enter in required “Comments” and click [Approve] to submit the package to the AO.

PACKAGE TYPE DECOMMISSION

PACKAGE NAME 12345-MUSA-ALL HANDS DEMO

ROLES
TEAM LEAD

0 days

Complete

1. IAM

0 days

Complete

2. SCA

0 days

In Progress

3. Team Lead

0 days

Incomplete

4. Regional AO

* SELECT ACTION:

Approve

* COMMENTS:

Comments are viewable by all members of the PAC.

Approve

Supporting Information

ASSESSMENT RECOMMENDATIONS

Add Recommendation

Name (see details)	Comments	Filename (open artifacts)	Created By	Created Date
Decommission Plan (21-Oct-2019 14:53:41)		Decommission Plan.docx	RODRIGUES, LUCIANA (CIV; NISP)	21-Oct-2019

Collaboration Board

New Comment

Subscribe



AO Actions

1. The AO will be prompted to select the appropriate authorization decision for the system. In the Decommission Workflow, "Decommissioned" is the only available authorization decision. The AO also has the optional ability to specify the System's Security Plan approval status and associated date, terms and conditions, and executive risk summary.
2. Enter information for all required fields and select [Authorization Determination].

PACKAGE TYPE: DECOMMISSION
PACKAGE NAME: 12345-MUSA-ALL HANDS DEMO

ROLES: REGIONAL AO

Progress: 0 days Complete 1. IAM, 0 days Complete 2. SCA, 0 days Complete 3. Team Lead, 0 days In Progress 4. Regional AO

* SELECT ACTION:
Authorization Determination

* AUTHORIZATION DECISION:
Decommissioned

* AUTHORIZATION DATE:
23-Oct-2019

* ADD CLASSIFICATION:
UNCLASSIFIED // FOR OFFICIAL

SECURITY PLAN APPROVAL STATUS:

* COMMENTS:
Comments are viewable to all members of the PAC.

TERMS / CONDITIONS FOR AUTHORIZATION:
Terms/Conditions - Information will populate the Authorization Letter.

SECURITY CONTROLS ASSESSOR EXECUTIVE SUMMARY:
SAR Executive Summary

Authorization Determination

Supporting Information

Reference the DISA eMASS User Guide (Decommissioned Systems Section).



8 MANAGEMENT (INHERITANCE)

Inheritance identifies authorization boundaries and creates relationships (i.e., Parent/Child, Provider, or Co-System) between interconnected systems registered in eMASS, allowing for an establishment of system hierarchy or information management.

Users can establish an inheritance relationship wherein an individual security control/AP is provided from one or multiple systems. When full inheritance is established, a receiving system will have visibility into all the test results, POA&M items, and artifacts from the originating system(s). When hybrid inheritance is established, a receiving system will have visibility into the latest test results, POA&M items, and artifacts from the providing system(s) but must still enter local assessments to that control/AP. Users can manage any common control provider relationships and system associations within the Associations Summary.

Reference the DISA eMASS User Guide (Management Section).

8.1 COMMON CONTROL PROVIDER PACKAGE

An authorized Common Control Provider (CCP) plan will enable organizations to document enterprise processes to ensure consistency and streamline A&A processes. The CCP package will include the organization's approach to enable standardized RMF implementation across multiple NISP programs. The CCP package will be used to identify the common controls and all the associated procedures and artifacts. In addition, it will specify if the common controls provide the required protection fully (with nothing further needed from the system) or in hybrid fashion (partially by the alternative, with the remainder provided by the system).

Once the CCP plan is developed, the organization will submit the package and request authorization to allow systems to inherit these controls. The CCP will require re-authorization when common controls are modified or added. These controls cannot be inherited on any authorized system until authorization is granted by the AO.

8.2 NISP CLASSIFIED CONFIGURATION TOOLKIT

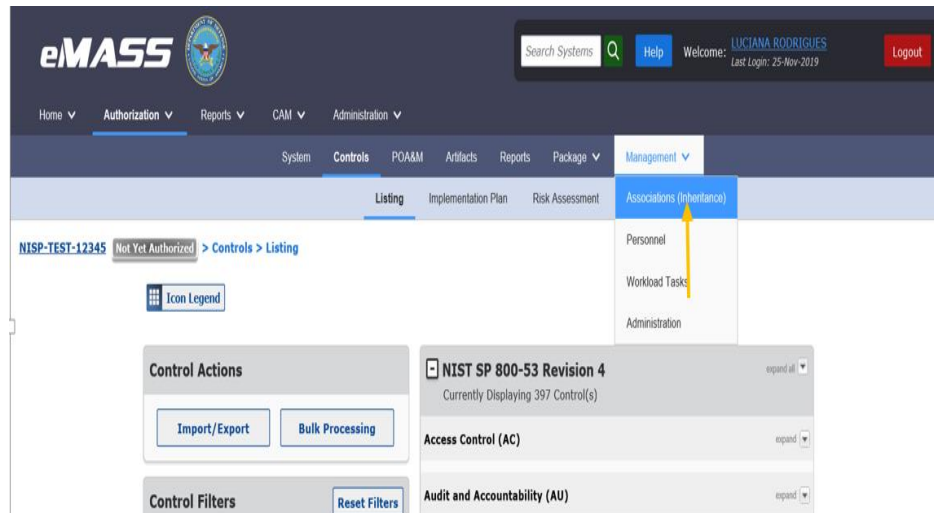
The NISP Classified Configuration (NCC) Toolkit is designed to assist Industry with hardening a Windows 7/10 standalone to a number of technical baseline compliance standards required by NAO for the NISP and its participants. The toolkit is based upon recommended guidance found in the DISA STIGs and the NIST special publications. Industry is ultimately responsible for the proper configuration and testing of the system. Additional security settings may still require configuration or tailoring in accordance with the system security authorization package and/or applicable policies. Ultimately, the NCC Toolkit is intended to strengthen system security controls, ease the configuration process, assist with continuous monitoring, and expedite security reviews.



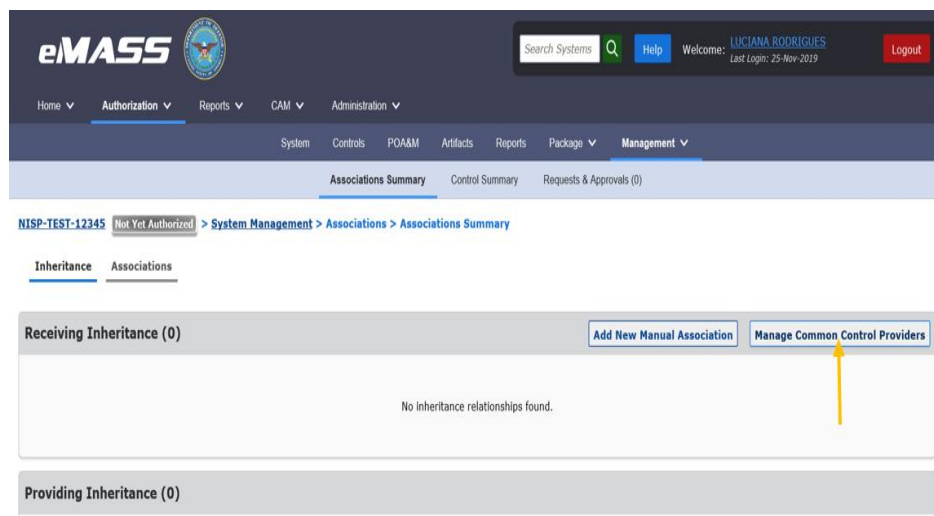
DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

The NCC Toolkit is now available for download via eMASS. In order to download the NCC Toolkit, Industry must have a registered system in eMASS. Conduct the following actions:

1. Access a registered system within eMASS. The eMASS displays the system's default landing page. Click [Associations (Inheritance)] from within the Management dropdown menu.



2. Click [Manage Common Control Providers] on the Associations Summary page.





3. Within the resulting CCP Relationships page, type “NISP” in the Search box and click [Search].

The screenshot shows the eMASS interface with the 'CCP Relationships' page. The 'Search for CCP Systems' section has a search box containing 'NISP' and a 'Search' button. A yellow arrow points to the 'Search' button. The 'Selected CCPs' section is empty, displaying 'No CCP Systems have been selected'.

4. Locate “NISP-NCC-SCAP” within the search results and click [View/Add].

The screenshot shows the eMASS interface with the 'CCP Relationships' page. The 'Search Results' section displays a table with one entry: 'NISP-NCC-SCAP'. A yellow arrow points to the '+ View/Add' button next to this entry. The 'Selected CCPs' section remains empty.

5. The Accept Default Controls window displays, click [Save].

The screenshot shows the eMASS interface with the 'CCP Relationships' page. A dialog box titled 'Accept Default Controls' is open, displaying the message: 'The system NISP-NCC-SCAP has 3 Controls/APs marked as default controls.' Below this, there is a table with the following data:

Control / AP	Name / CCI #
CM-2	Baseline Configuration
CM-2.1	000293
CM-2.2	000295

The dialog box has a 'Save' button and a 'Cancel' button. A yellow arrow points to the 'Save' button.



6. “NISP-NCC-SCAP” will appear under “Selected CCPs”. Click [Save].

The screenshot shows the 'CCP Relationships' page. On the left, there is a 'Search for CCP Systems' section with dropdowns for 'My Instance' (set to 'My Instance'), 'Organization' (set to 'All Organizations'), and a text input for 'NISP'. A 'Search' button is next to it. Below this is a 'Search Results' section with a table header 'System Acronym' and a message 'All results have been added.' On the right, the 'Selected CCPs' section contains a table with two columns: 'System Acronym' and 'Inherit Default Controls'. The table has one row: 'NISP-NCC-SCAP' with 'Yes' in the second column. A 'Remove' button is to the right of this row. At the bottom right of the page, there are 'Save' and 'Cancel' buttons. A yellow arrow points to the 'Save' button.

7. Once DCSA has approved the request, return to the Associations Summary page and select the link titled “NISP-NCC-SCAP” (Common Control Provider)”. *Note: DCSA takes approximately 1-3 business days to approve requests.*

The screenshot shows the 'Associations Summary' page. It has tabs for 'Inheritance' and 'Associations'. The 'Receiving Inheritance (1)' section is active. It contains a table with the following columns: 'Providing System Acronym', 'Providing System Owner', 'Providing System ID', 'Controls Received', 'APs Received', 'System Type', 'Authorization Status', 'Authorization Termination Date', and 'Date Established'. The table has one row: 'NISP-NCC-SCAP (Common Control Provider)', 'NISP', '865', '1', '2', 'IS Enclave', 'Authorization to Operate (ATO)', '14-Jun-2020', and '25-Nov-2019'. A yellow arrow points to the 'NISP-NCC-SCAP (Common Control Provider)' link in the first column. Below the table, it says 'Showing 1 to 1 of 1 entries'. There are 'Previous', '1', and 'Next' buttons. At the bottom, there is a 'Providing Inheritance (0)' section.



8. The Receiving System Details page will appear. Scroll to the bottom of the page and click [Save].

Providing System Authorization Status: Authorization to Operate (ATO)

Providing Authorization Termination Date: 14-Jun-2020

Date Inheritance Established: 25-Nov-2019

System Type: IS Enclave

Total Number of Received Controls: 1

Total Number of Received APs: 2

[Remove Inheritance Relationship](#)

[Configuration Management](#) [Force Sync](#)

Select Controls to Establish Inheritance

NIST SP 800-53 Revision 4 Number of Controls Received: 1

Configuration Management Number of APs Received: 2

Select All Controls in this Control Family ☐

Select All APs in this Control Family ☐

Acronym	Name	Compliance Status	State	Select
CM-2	Baseline Configuration	Compliant	Inheritable	<input checked="" type="checkbox"/>

[Save](#) [Cancel](#)

9. Navigate to the Controls – Listing page. Click on the CM-2.

System Controls Policies Reports Packages Management

Listing Implementation Plan Risk Assessment

NISP-TEST-12345 Not Yet Authorized > Controls > Listing

Icon Legend

Control Actions

Import/Export Bulk Processing

Control Filters

Reset Filters

Select 1 or More

☐ NC and NA controls missing POA&M Item

☐ Exclude Inherited Controls

By Residual Risk Level

Very Low Controls with Very Low Residual Risk Level

Low Controls with Low Residual Risk Level

NIST SP 800-53 Revision 4

Currently Displaying 397 Control(s)

Access Control (AC)

Audit and Accountability (AU)

Awareness and Training (AT)

Configuration Management (CM)

Acronym	Status	Name	Properties	Residual Risk Level
CM-1	EO	Configuration Management Policy & Procedures	0	Low
CM-2	EO	Baseline Configuration	0 I	Low
CM-2(1)	EO	Reviews And Updates	0 N	Low

10. Within the CM-2 Control Details, click [View/Manage] in Artifacts and POA&M items.

Listing Implementation Plan Risk Assessment

NISP-TEST-12345 Not Yet Authorized > Controls > Listing > Control Details

Control Details

Previous: CM-1 < CM-2 Go > Next: CM-2(1)

CM-2 Control Status: EO Properties: 0 I

Baseline Configuration

Implementation and Guidelines

Control Description

The organization develops, documents, and maintains under configuration control, a current baseline configuration of the information system.

Supplemental Guidance:

Information systems change over time. Baseline configurations of information systems reflect the current enterprise architecture. Related controls: CM-3, CM-6, CM-8, CM-9, SA-10, PM-5, PM-7.

Control Information and Actions

Control is Applicable

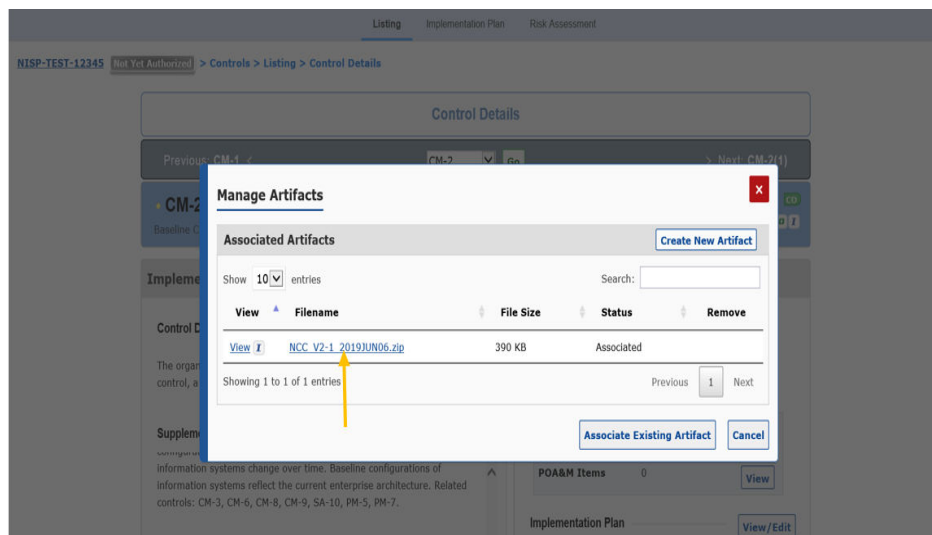
Artifacts and POA&M Items

Artifacts	1	View/Manage
POA&M Items	0	View

Implementation Plan [View/Edit](#)



11. The “Manage Artifacts” window appears. Click the [Filename] to download the NCC Toolkit.



9 REPORTS

Reports can be accessed from the eMASS tool bar or from the eMASS Home screen. The user can generate system and package reports from the Reports and Package tab respectively on the System Main screen.

Reference the DISA eMASS User Guide (Reports Section).