1. SYSTEM IDENTIFICATION

- 1.1. System Name/Title: [State the name of the system. Spell out acronyms.]
- 1.1.1. System Categorization: Moderate Impact for Confidentiality
- 1.1.2. System Unique Identifier: [Insert the System Unique Identifier]
- 1.2. Responsible Organization:

Name:	
Address:	
Phone:	

Last Updated: << Insert date>>

1.2.1. Information Owner (Government point of contact responsible for providing and/or receiving CUI):

Name:	
Title:	
Office Address:	
Work Phone:	
e-Mail Address:	

1.2.1.1. System Owner (assignment of security responsibility):

Name:	
Title:	
Office Address:	
Work Phone:	
e-Mail Address:	

1.2.1.2. System Security Officer:

Name:	
Title:	
Office Address:	
Work Phone:	
e-Mail Address:	

- 1.3. General Description/Purpose of System: What is the function/purpose of the system? [Provide a short, high-level description of the function/purpose of the system.]
- 1.3.1. Number of end users and privileged users: [In the table below, provide the <u>approximate</u> number of users and administrators of the system. Include all those with privileged access such as system administrators, database administrators, application administrators, etc. Add rows to define different roles as needed.]

Roles of Users and Number of Each Type:

Last Updated: << Insert date>>

Number of Users	Number of Administrators/ Privileged Users	

1.4. General Description of Information: CUI information types processed, stored, or transmitted by the system are determined and documented. For more information, see the CUI Registry at https://www.archives.gov/cui/registry/category-list. [Document the CUI information types processed, stored, or transmitted by the system below].

2. SYSTEM ENVIRONMENT

Include a <u>detailed</u> topology narrative and graphic that clearly depicts the system boundaries, system interconnections, and key devices. (Note: *this does not require depicting every workstation or desktop*, but include an instance for each operating system in use, an instance for portable components (if applicable), all virtual and physical servers (e.g., file, print, web, database, application), as well as any networked workstations (e.g., Unix, Windows, Mac, Linux), firewalls, routers, switches, copiers, printers, lab equipment, handhelds). If components of other systems that interconnect/interface with this system need to be shown on the diagram, denote the system boundaries by referencing the security plans or names and owners of the other system(s) in the diagram.

[Insert a system topology graphic. Provide a narrative consistent with the graphic that clearly lists and describes each system component.]

- **2.1.** Include or reference a <u>complete and accurate</u> listing of all hardware (a reference to the organizational component inventory database is acceptable) and software (system software and application software) components, including make/OEM, model, version, service packs, and person or role responsible for the component. [Insert the reference/URL or note that the hardware component inventory is attached.]
- 2.2. List all software components installed on the system. [Insert the reference/URL or note that the software component inventory is attached.]
- **2.3.** Hardware and Software Maintenance and Ownership Is all hardware and software maintained and owned by the organization? [Yes/No If no, explain:]

3. REQUIREMENTS

(Note: The source of the requirements is NIST Special Publication 800-171, dated December 2016)

Provide a thorough description of how all of the security requirements are being implemented or planned to be implemented. The description for each security requirement contains: 1) the security requirement number and description; 2) how the security requirement is being implemented or planned to be implemented; and 3) any scoping guidance that has been applied (e.g., compensating mitigations(s) in place due to implementation constraints in lieu of the stated requirement). If the requirement is not applicable to the system, provide rationale.

3.1. Access Control

3.1.1.	Limit system access to authorize (including other sy	norized users, processes acting on lastems).	behalf of authorized users, and
	-	Planned to be Implemented nned implementation details. If	
3.1.2.	Limit system access to the permitted to execute.	types of transactions and functions	s that authorized users are
		Planned to be Implemented nned implementation details. If	
3.1.3.	Control the flow of CUI in	accordance with approved authori	zations.
	-	☐ Planned to be Implemented nned implementation details. If	
3.1.4.	Separate the duties of indiv	viduals to reduce the risk of malevo	plent activity without collusion.
		☐ Planned to be Implemented nned implementation details. If	
3.1.5.	Employ the principle of lea accounts.	ast privilege, including for specific	security functions and privileged
		Planned to be Implemented nned implementation details. If	
3.1.6.	Use non-privileged accoun	ts or roles when accessing nonsecu	urity functions.
		☐ Planned to be Implemented nned implementation details. If	☐ Not Applicable "Not Applicable," provide
3.1.7.	Prevent non-privileged use such functions.	rs from executing privileged funct	ions and audit the execution of
☐ In	nplemented	Planned to be Implemented	☐ Not Applicable

Current implementation or planned implementationale.	ementation details. If "Not Applicable," provide
3.1.8. Limit unsuccessful logon attempts.	
	ed to be Implemented
3.1.9. Provide privacy and security notices of	onsistent with applicable CUI rules.
	ed to be Implemented Not Applicable ementation details. If "Not Applicable," provide
3.1.10. Use session lock with pattern-hiding of inactivity.	lisplays to prevent access and viewing of data after period
	ed to be Implemented
3.1.11. Terminate (automatically) a user session	on after a defined condition.
	ed to be Implemented
3.1.12. Monitor and control remote access see	sions.
	ed to be Implemented
3.1.13. Employ cryptographic mechanisms to	protect the confidentiality of remote access sessions.
<u> </u>	ed to be Implemented Not Applicable ementation details. If "Not Applicable," provide
3.1.14. Route remote access via managed acc	ess control points.
	ed to be Implemented

3.1.15. Authorize remote execution information.	of privileged commands and rem	ote access to security-relevant
☐ Implemented Current implementation or plan rationale.	☐ Planned to be Implemented ned implementation details. If	
3.1.16. Authorize wireless access p	rior to allowing such connections.	
☐ Implemented Current implementation or plan rationale.	☐ Planned to be Implemented need implementation details. If	
3.1.17. Protect wireless access usin	g authentication and encryption.	
☐ Implemented Current implementation or plan rationale.	☐ Planned to be Implemented nned implementation details. If	
3.1.18. Control connection of mobi	le devices.	
☐ Implemented Current implementation or plan rationale.	☐ Planned to be Implemented nned implementation details. If	
3.1.19. Encrypt CUI on mobile dev	rices and mobile computing platfor	rms.
☐ Implemented Current implementation or plan rationale.	☐ Planned to be Implemented need implementation details. If	
3.1.20. Verify and control/limit cor	nnections to and use of external sy	stems.
☐ Implemented Current implementation or plan rationale.	☐ Planned to be Implemented nned implementation details. If	
3.1.21. Limit use of organizational	portable storage devices on extern	nal systems.
☐ Implemented Current implementation or plan rationale.	Planned to be Implemented nned implementation details. If	
3.1.22. Control CUI posted or proc	essed on publicly accessible system	ms.
☐ Implemented	☐ Planned to be Implemented	☐ Not Applicable

☐ Implemented

Last Updated: <<Insert date>>

Current implementation or planned implementation details. If "Not Applicable," provide rationale.

3.2. A	wareness and Training		
3.2.1.	aware of the security risks a	ms administrators, and users of or associated with their activities and elated to the security of those syst	of the applicable policies,
		☐ Planned to be Implemented aned implementation details. If	
3.2.2.	Ensure that organizational prinformation security-related	personnel are adequately trained to duties and responsibilities.	carry out their assigned
		☐ Planned to be Implemented aned implementation details. If	
3.2.3.	Provide security awareness threat.	training on recognizing and repor	ting potential indicators of insider
	ent implementation or plan	☐ Planned to be Implemented aned implementation details. If	
3.3. A	udit and Accountability		
3.3.1.	•	dit logs and records to the extent reporting of unlawful or unauthor	O .
	ent implementation or plan	☐ Planned to be Implemented aned implementation details. If	
3.3.2.	Ensure that the actions of in can be held accountable for	-	quely traced to those users so they
		☐ Planned to be Implemented aned implementation details. If	☐ Not Applicable "Not Applicable," provide
3.3.3.	Review and update logged of	events.	

☐ Planned to be Implemented ☐ Not Applicable

Curr ratio	rent implementation or planned implementation details. If "Not Applicable," provide nale.
3.3.4.	Alert in the event of an audit logging process failure.
	mplemented
3.3.5.	Correlate audit record review, analysis, and reporting processes for investigation and response to indications of unlawful, unauthorized, suspicious, or unusual activity.
	mplemented
3.3.6.	Provide audit record reduction and report generation to support on-demand analysis and reporting.
	mplemented
3.3.7.	Provide a system capability that compares and synchronizes internal system clocks with an authoritative source to generate time stamps for audit records.
	mplemented
3.3.8.	Protect audit information and audit logging tools from unauthorized access, modification, and deletion.
	mplemented
3.3.9.	Limit management of audit logging functionality to a subset of privileged users.
	plemented Planned to be Implemented Not Applicable rent implementation or planned implementation details. If "Not Applicable," provide nale.

3.4. Audit and Accountability

3.4.1.		eline configurations and inventorion are, firmware, and documentation	
		Planned to be Implemented nned implementation details. If	
3.4.2.	Establish and enforce securemployed in organizational	rity configuration settings for information l systems.	rmation technology products
		☐ Planned to be Implemented nned implementation details. If	
3.4.3.	Track, review, approve or	disapprove, and log changes to org	ganizational systems.
		Planned to be Implemented nned implementation details. If	
3.4.4.	Analyze the security impac	et of changes prior to implementati	on.
		Planned to be Implemented nned implementation details. If	
3.4.5.	Define, document, approve changes to organizational s	e, and enforce physical and logical systems.	access restrictions associated with
	-	Planned to be Implemented nned implementation details. If	
3.4.6.	Employ the principle of lea only essential capabilities.	ast functionality by configuring or	ganizational systems to provide
		Planned to be Implemented nned implementation details. If	☐ Not Applicable "Not Applicable," provide
3.4.7.	Restrict, disable, or preven services.	t the use of nonessential programs	, functions, ports, protocols, and
∏In	nplemented	Planned to be Implemented	Not Applicable

privileged accounts.

Implemented

rationale.

Last Updated: << Insert date>> Current implementation or planned implementation details. If "Not Applicable," provide rationale. **3.4.8.** Apply deny-by-exception (blacklisting) policy to prevent the use of unauthorized software or deny-all, permit-by-exception (whitelisting) policy to allow the execution of authorized software. Implemented Planned to be Implemented Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide **3.4.9.** Control and monitor user-installed software. Planned to be Implemented Not Applicable Implemented Current implementation or planned implementation details. If "Not Applicable," provide rationale. 3.5. Identification and Authentication **3.5.1.** Identify system users, processes acting on behalf of users, and devices. Implemented Planned to be Implemented Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale. **3.5.2.** Authenticate (or verify) the identities of users, processes, or devices, as a prerequisite to allowing access to organizational systems. Implemented Planned to be Implemented Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale. **3.5.3.** Use multifactor authentication for local and network access to privileged accounts and for network access to non-privileged accounts. Implemented Planned to be Implemented Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.

3.5.4. Employ replay-resistant authentication mechanisms for network access to privileged and non-

Planned to be Implemented

Current implementation or planned implementation details. If "Not Applicable," provide

9

Not Applicable

3.5.5. Prevent reuse of identifiers for a de	efined period.
	nned to be Implemented
3.5.6. Disable identifiers after a defined p	period of inactivity.
	nned to be Implemented
3.5.7. Enforce a minimum password comcreated.	plexity and change of characters when new passwords are
	nned to be Implemented Not Applicable Not Applicable," provide
3.5.8. Prohibit password reuse for a speci	fied number of generations.
	nned to be Implemented Not Applicable Not Applicable," provide
3.5.9. Allow temporary password use for password.	system logons with an immediate change to a permanent
	nned to be Implemented Not Applicable nplementation details. If "Not Applicable," provide
3.5.10. Store and transmit only cryptograp	hically-protected passwords.
<u> </u>	nned to be Implemented
3.5.11. Obscure feedback of authentication	n information.
	nned to be Implemented

3.6. Incident Response

3.6.1.		cident-handling capability for organizational systems that includes lysis, containment, recovery, and user response activities.
	-	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.6.2.	Track, document, and repo and external to the organiz	rt incidents to designated officials and/or authorities both internal ation.
	-	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.6.3.	Test the organizational inc	ident response capability
		☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.7. M	aintenance	
3.7.1.	Perform maintenance on or	rganizational systems.
		☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.7.2.	Provide controls on the too maintenance.	ols, techniques, mechanisms, and personnel used to conduct system
	-	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.7.3.	Ensure equipment removed	d for off-site maintenance is sanitized of any CUI.
		☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.7.4.		

☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.7.5. Require multifactor authentication to establish nonlocal maintenance sessions via external network connections and terminate such connections when nonlocal maintenance is complete
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.7.6. Supervise the maintenance activities of maintenance personnel without required access authorization.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.8. Media Protection
3.8.1. Protect (i.e., physically control and securely store) system media containing CUI, both paper and digital.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.8.2. Limit access to CUI on system media to authorized users.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.8.3. Sanitize or destroy system media containing CUI before disposal or release for reuse.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.8.4. Mark media with necessary CUI markings and distribution limitations.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.

3.8.5.	Control access to media co outside of controlled areas.	ntaining CUI and maintain accoun	tability for media during transport
		Planned to be Implemented nned implementation details. If	
3.8.6.		nechanisms to protect the confidencess otherwise protected by alternati	•
		☐ Planned to be Implemented nned implementation details. If	
3.8.7.	Control the use of removab	ole media on system components.	
		Planned to be Implemented nned implementation details. If	
3.8.8.	Prohibit the use of portable	storage devices when such device	s have no identifiable owner.
		Planned to be Implemented nned implementation details. If	
3.8.9.	Protect the confidentiality	of backup CUI at storage locations	
		Planned to be Implemented nned implementation details. If	
3.9. Pe	ersonnel Security		
3.9.1.	Screen individuals prior to	authorizing access to organization	al systems containing CUI.
	-	Planned to be Implemented nned implementation details. If	☐ Not Applicable "Not Applicable," provide
3.9.2.	Ensure that organizational actions such as termination	systems containing CUI are protects and transfers.	ted during and after personnel
		☐ Planned to be Implemented nned implementation details. If	☐ Not Applicable "Not Applicable," provide

3.10. Physical Protection	
3.10.1. Limit physical access to or environments to authorized	ganizational systems, equipment, and the respective operating d individuals.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable inned implementation details. If "Not Applicable," provide
3.10.2. Protect and monitor the ph	ysical facility and support infrastructure for organizational systems.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.10.3. Escort visitors and monitor	r visitor activity.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable anned implementation details. If "Not Applicable," provide
3.10.4. Maintain audit logs of phy	sical access.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.10.5. Control and manage physic	cal access devices.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.10.6. Enforce safeguarding mean	sures for CUI at alternate work sites.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.11. Risk Assessment	

3.11.1. Periodically assess the risk to organizational operations (including mission, functions, image, or reputation), organizational assets, and individuals, resulting from the operation of organizational systems and the associated processing, storage, or transmission of CUI.

Current implementation or planned implementation details. If "Not Applicable," provide rationale.

3.13. System and Communications Protection	
3.13.1. Monitor, control, and protect communications (i.e., informational organizational systems) at the external boundaries and key in organizational systems.	•
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation details. I rationale.	
3.13.2. Employ architectural designs, software development technic principles that promote effective information security within	
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation details. I rationale.	
3.13.3. Separate user functionality from system management functi	onality.
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation details. I rationale.	
3.13.4. Prevent unauthorized and unintended information transfer v	ria shared system resources.
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation details. I rationale.	
3.13.5. Implement subnetworks for publicly accessible system com logically separated from internal networks.	ponents that are physically or
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation details. I rationale.	☐ Not Applicable If "Not Applicable," provide
3.13.6. Deny network communications traffic by default and allow exception (i.e., deny all, permit by exception).	network communications traffic by
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation details. I rationale.	

	s from simultaneously establishing non-rem and communicating via some other connec incling).	
☐ Implemented Current implementation or rationale.	☐ Planned to be Implemented ☐ planned implementation details. If "Not	
	nic mechanisms to prevent unauthorized dis nerwise protected by alternative physical sat	
☐ Implemented Current implementation or rationale.	☐ Planned to be Implemented ☐ planned implementation details. If "Not	1.1
	nnections associated with communications s ned period of inactivity.	sessions at the end of the
☐ Implemented Current implementation or rationale.	Planned to be Implemented planned implementation details. If "Not	
3.13.10. Establish and manage systems.	cryptographic keys for cryptography emplo	oyed in organizational
☐ Implemented Current implementation or rationale.	Planned to be Implemented planned implementation details. If "Not	
3.13.11. Employ FIPS-validate	ed cryptography when used to protect the co	onfidentiality of CUI.
☐ Implemented Current implementation or rationale.	☐ Planned to be Implemented ☐ planned implementation details. If "Not	
	ration of collaborative computing devices ar rs present at the device.	nd provide indication of
☐ Implemented Current implementation or rationale.	Planned to be Implemented planned implementation details. If "Not	Not Applicable t Applicable," provide
3.13.13. Control and monitor	the use of mobile code.	
☐ Implemented	☐ Planned to be Implemented ☐	Not Applicable

Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.13.14. Control and monitor the use of Voice over Internet Protocol (VoIP) technologies.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.13.15. Protect the authenticity of communications sessions.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.13.16. Protect the confidentiality of CUI at rest.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.14. System and Information Integrity
3.14.1. Identify, report, and correct system flaws in a timely manner.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.14.2. Provide protection from malicious code at designated locations within organizational systems
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.14.3. Monitor system security alerts and advisories and take action in response.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.14.4. Update malicious code protection mechanisms when new releases are available.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.

3.14.5. Perform periodic scans of organizational systems and real-time scans of files from external sources as files are downloaded, opened, or executed.		
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide	
3.14.6. Monitor organizational systems, including inbound and outbound communications traffic, to detect attacks and indicators of potential attacks.		
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide	
3.14.7. Identify unauthorized use of	of organizational systems.	
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide	

4. RECORD OF CHANGES

Date	Description	Made By: