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	horized users, processes acting on stems).	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.	ers from executing privileged funct	ions and audit the execution of
☐ In	nplemented	Planned to be Implemented	☐ Not Applicable

Current implementation or prationale.	planned implementation details. If "Not Applicable," provide
3.1.8. Limit unsuccessful logo	n attempts.
☐ Implemented Current implementation or prationale.	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide
3.1.9. Provide privacy and second	urity notices consistent with applicable CUI rules.
☐ Implemented Current implementation or prationale.	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide
3.1.10. Use session lock with pa of inactivity.	attern-hiding displays to prevent access and viewing of data after period
☐ Implemented Current implementation or prationale.	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide
3.1.11. Terminate (automaticall	y) a user session after a defined condition.
☐ Implemented Current implementation or prationale.	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide
3.1.12. Monitor and control rem	note access sessions.
☐ Implemented Current implementation or prationale.	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide
3.1.13. Employ cryptographic n	nechanisms to protect the confidentiality of remote access sessions.
☐ Implemented Current implementation or prationale.	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide
3.1.14. Route remote access via	managed access control points.
☐ Implemented Current implementation or prationale	☐ Planned to be Implemented ☐ Not Applicable planned implementation details. If "Not Applicable," provide

3.1.15. Authorize remote execution information.	n of privileged commands and rem	ote access to security-relevant
☐ Implemented Current implementation or plantationale.	☐ Planned to be Implemented nned implementation details. If	
3.1.16. Authorize wireless access p	prior to allowing such connections.	
☐ Implemented Current implementation or plantationale.	Planned to be Implemented nned implementation details. If	
3.1.17. Protect wireless access usin	ng authentication and encryption.	
☐ Implemented Current implementation or plantationale.	Planned to be Implemented nned implementation details. If	
3.1.18. Control connection of mobile	ile devices.	
☐ Implemented Current implementation or plantationale.	Planned to be Implemented nned implementation details. If	
3.1.19. Encrypt CUI on mobile dev	vices and mobile computing platfor	rms.
☐ Implemented Current implementation or plantationale.	Planned to be Implemented nned implementation details. If	
3.1.20. Verify and control/limit con	nnections to and use of external sy	stems.
☐ Implemented Current implementation or plantationale.	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 plantationale.	Planned to be Implemented nned implementation details. If	 + + +
3.1.22. Control CUI posted or proc	cessed 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	ems administrators, and users of or associated with their activities and elated to the security of those syst	of the applicable policies,
Curr	mplemented rent implementation or plan nale.	Planned to be Implemented nned implementation details. If	
3.2.2.		personnel are adequately trained to d duties and responsibilities.	carry out their assigned
		Planned to be Implemented nned implementation details. If	
3.2.3.	Provide security awareness threat.	training on recognizing and repor	ting potential indicators of insider
		Planned to be Implemented nned implementation details. If	
3.3. A	udit and Accountability		
3.3.1.		dit logs and records to the extent reporting of unlawful or unauthor	
Curr	mplemented rent implementation or plan nale.	Planned to be Implemented nned implementation details. If	
3.3.2.	Ensure that the actions of ir can be held accountable for	ndividual system users can be unique their actions.	quely traced to those users so they
Curr	mplemented rent implementation or plan nale.	Planned to be Implemented nned implementation details. If	☐ Not Applicable "Not Applicable," provide
3.3.3.	Review and update logged	events.	

Planned to be Implemented Not Applicable

Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.3.4. Alert in the event of an audit logging process failure.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.3.5. Correlate audit record review, analysis, and reporting processes for investigation and response to indications of unlawful, unauthorized, suspicious, or unusual activity.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.3.6. Provide audit record reduction and report generation to support on-demand analysis and reporting.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
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.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.3.8. Protect audit information and audit logging tools from unauthorized access, modification, and deletion.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.
3.3.9. Limit management of audit logging functionality to a subset of privileged users.
☐ Implemented ☐ Planned to be Implemented ☐ Not Applicable Current implementation or planned implementation details. If "Not Applicable," provide rationale.

3.4. Audit and Accountability

3.4.1.		eline configurations and inventorie 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 infor l systems.	rmation technology products
		Planned to be Implemented nned implementation details. If	
3.4.3.	Track, review, approve or o	disapprove, and log changes to org	anizational 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 org	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. Planned to be Implemented 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

Not Applicable

3.5.5. Prevent reuse of identifiers for	a defined period.
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.5.6. Disable identifiers after a defin	ned period of inactivity.
	Planned to be Implemented Not Applicable dimplementation details. If "Not Applicable," provide
3.5.7. Enforce a minimum password created.	complexity and change of characters when new passwords are
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.5.8. Prohibit password reuse for a s	specified number of generations.
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.5.9. Allow temporary password use password.	e for system logons with an immediate change to a permanent
☐ Implemented Current implementation or planne rationale.	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.5.10. Store and transmit only cryptog	graphically-protected passwords.
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.5.11. Obscure feedback of authentic	ation information.
☐ Implemented Current implementation or planne rationale.	Planned to be Implemented Not Applicable dimplementation details. If "Not Applicable," provide

3.6. Incident Response

3.6.1.		handling capability for organizational systems that includes ontainment, recovery, and user response activities.
Curr	<u> </u>	anned to be Implemented
3.6.2.	 Track, document, and report incident and external to the organization. 	lents to designated officials and/or authorities both internal
Curr	<u> </u>	anned to be Implemented Not Applicable mplementation details. If "Not Applicable," provide
3.6.3.	. Test the organizational incident re	esponse capability
Curr	<u> </u>	anned to be Implemented
3.7. M	Maintenance	
271		
3./.1.	. Perform maintenance on organiza	ational systems.
☐ In Curr	Implemented P	anned to be Implemented
☐ In Curr ratio	Implemented Prent implementation or planned i onale.	anned to be Implemented
☐ In Curr ration 3.7.2. ☐ In Curr	Implemented Prent implementation or planned is onale. Provide controls on the tools, techniques, maintenance.	anned to be Implemented
☐ In Curr ratio 3.7.2. ☐ In Curr ratio	Implemented Prent implementation or planned is onale. Provide controls on the tools, techniques, maintenance. Implemented Prent implementation or planned is onale.	anned to be Implemented Not Applicable More M
☐ In Curr ration 3.7.2. ☐ In Curr ration 3.7.3. ☐ In Curr	Implemented Prent implementation or planned is onale. Provide controls on the tools, technic maintenance. Implemented Prent implementation or planned is onale. Ensure equipment removed for of implemented Prentimplemented Pre	anned to be Implemented Not Applicable mplementation details. If "Not Applicable," provide miques, mechanisms, and personnel used to conduct system anned to be Implemented Not Applicable mplementation details. If "Not Applicable," provide

☐ 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.	7 7 0 1	nechanisms to protect the confideness 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	e 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 organienvironments to authorized ind	zational systems, equipment, and the respective operating lividuals.
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.10.2. Protect and monitor the physic	al facility and support infrastructure for organizational systems.
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.10.3. Escort visitors and monitor vis	itor activity.
	Planned to be Implemented Not Applicable d implementation details. If "Not Applicable," provide
3.10.4. Maintain audit logs of physical	access.
	Planned to be Implemented Not Applicable dimplementation details. If "Not Applicable," provide
3.10.5. Control and manage physical a	ccess devices.
	Planned to be Implemented Not Applicable dimplementation details. If "Not Applicable," provide
3.10.6. Enforce safeguarding measures	s for CUI at alternate work sites.
☐ Implemented Current implementation or planne rationale.	Planned to be Implemented Not Applicable dimplementation 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 P	rotection
· · · · · · · · · · · · · · · · · · ·	amunications (i.e., information transmitted or received by ernal boundaries and key internal boundaries of
	anned to be Implemented Not Applicable mplementation details. If "Not Applicable," provide
1 ,	tware development techniques, and systems engineering information security within organizational systems.
	anned to be Implemented Not Applicable mplementation details. If "Not Applicable," provide
3.13.3. Separate user functionality from s	system management functionality.
	anned to be Implemented
3.13.4. Prevent unauthorized and uninter	ded information transfer via shared system resources.
	anned to be Implemented
3.13.5. Implement subnetworks for publi logically separated from internal	cly accessible system components that are physically or networks.
	anned to be Implemented Not Applicable mplementation details. If "Not Applicable," provide
3.13.6. Deny network communications to exception (i.e., deny all, permit by	affic by default and allow network communications traffic by exception).
	anned to be Implemented

	m simultaneously establishing non-remote connections with communicating via some other connection to resources in external ng).
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
1 11 0 1	mechanisms to prevent unauthorized disclosure of CUI during vise protected by alternative physical safeguards.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.13.9. Terminate network connec sessions or after a defined	tions associated with communications sessions at the end of the period of inactivity.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.13.10. Establish and manage cryssystems.	ptographic keys for cryptography employed in organizational
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.13.11. Employ FIPS-validated cr	ryptography when used to protect the confidentiality of CUI.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not Applicable," provide
3.13.12. Prohibit remote activation devices in use to users promote activation devices in use to users promote activation.	n of collaborative computing devices and provide indication of resent at the device.
☐ Implemented Current implementation or pla rationale.	☐ Planned to be Implemented ☐ Not Applicable nned implementation details. If "Not 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 detail rationale.	ls. If "Not Applicable," provide
3.13.14. Control and monitor the use of Voice over Internet Pro	otocol (VoIP) technologies.
☐ Implemented ☐ Planned to be Implement Current implementation or planned implementation detail rationale.	
3.13.15. Protect the authenticity of communications sessions.	
☐ Implemented ☐ Planned to be Implemented Current implementation or planned implementation detail rationale.	ited Not Applicable Is. If "Not Applicable," provide
3.13.16. Protect the confidentiality of CUI at rest.	
☐ Implemented ☐ Planned to be Implement Current implementation or planned implementation detail rationale.	
3.14. System and Information Integrity	
3.14.1. Identify, report, and correct system flaws in a timely ma	anner.
☐ Implemented ☐ Planned to be Implement Current implementation or planned implementation detail rationale.	
3.14.2. Provide protection from malicious code at designated lo	ocations within organizational systems
☐ Implemented ☐ Planned to be Implementation or planned implementation detail rationale.	ited Not Applicable Is. If "Not Applicable," provide
3.14.3. Monitor system security alerts and advisories and take a	action in response.
☐ Implemented ☐ Planned to be Implementation or planned implementation detail rationale.	ited Not Applicable Is. If "Not Applicable," provide
3.14.4. Update malicious code protection mechanisms when ne	w releases are available.
☐ Implemented ☐ Planned to be Implement Current implementation or planned implementation detail retionals	ited Not Applicable Is. If "Not Applicable," provide

3.14.5. Perform periodic scans of cources as files are downlo	organizational systems and real-time seaded, opened, or executed.	cans of files from external
☐ Implemented Current implementation or planationale.	Planned to be Implemented nned implementation details. If "No	- 11
3.14.6. Monitor organizational sys detect attacks and indicator	tems, including inbound and outbound rs of potential attacks.	d communications traffic, to
☐ Implemented Current implementation or planationale.	Planned to be Implemented nned implementation details. If "No	- 11
3.14.7. Identify unauthorized use of	of organizational systems.	
☐ Implemented Current implementation or planationale.	Planned to be Implemented nned implementation details. If "No	

4. RECORD OF CHANGES

Date	Description	Made By: