# SAME Cybersecurity Presentation

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#### How did I get involved in Cybersecurity?

- Background in process control and automation
- Worked for USACE in Hydropower
- Became DoD 8570 certified as IAT1 in 2015 (CompTIA Network + CE)
- System administrator on SCADA system in 2015

#### Dateline for Cybersecurity in DoD

- DoD Information Technology Security Certification and Accreditation Process (DITSCAP) was introduced in the 1990's
- DoD Information Assurance Certification and Accreditation Process (DIACAP) was introduced in 2006
- Risk Management Framework (RMF) was introduced in 2014

#### What is cybersecurity?

- Protecting of digital system to prevent unauthorized use, access, or interrupting operation
  - How is this accomplished
    - Have a framework that helps you deal with both attempted and successful cyber attacks
      - Risk Management Framework for DoD
    - Providing a hardened control system
      - Limiting the types of media that can be introduced
      - Closing unused ports
      - Password protection
    - Having policies in place for emergencies
    - Having trained personnel in place to handle emergencies

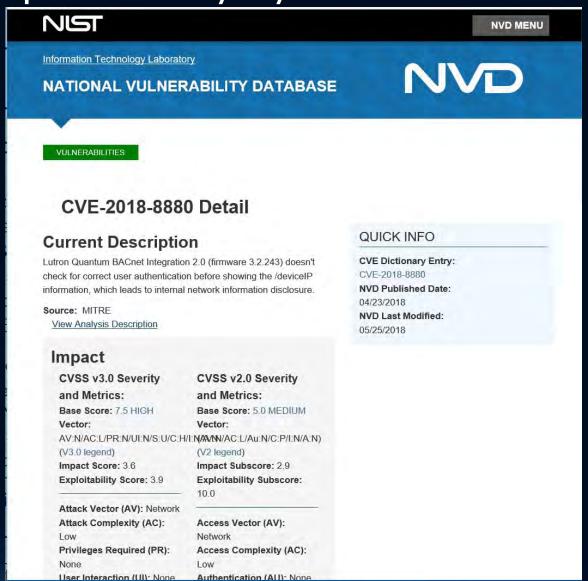
## How does cybersecurity apply to military construction?

- New construction and renovations of facilities add facility-related controls systems that transmit and store digital information
- Designers of Record are not responsible for getting a system the Authority to Operate (ATO) that would be on the System Owner (SO)
- Designers of Record are responsible for providing the System Owner (SO) a system that can be hardened and meets as many of the criteria for cybersecurity as possible

# What systems do cybersecurity principles apply?

- BAS (Building Automation Systems)
  - HVAC (Heating, Ventilation, and Air Conditioning)
  - Lighting Control
  - Fire Protection/Life Safety
  - UMCS (Utility Monitoring and Control System)
  - ESS (Electronic Security Systems)
  - Other systems
- SCADA (Supervisory Control and Data Acquisition)
- ICS (Industrial Control Systems)

## Example of why cyber needed in BAS



#### Another Example

75 NVD MENU

Information Technology Laboratory

NATIONAL VULNERABILITY DATABASE



**VULNERABILITIES** 

#### CVE-2015-6471 Detail

#### **Current Description**

Eaton Cooper Power Systems ProView 4.x and 5.x before 5.1 on Form 6 controls and Idea and IdeaPLUS relays does not properly initialize padding fields in Ethernet packets, which allows remote attackers to obtain sensitive information by reading packet data.

Source: MITRE

View Analysis Description

#### Impact

CVSS v3.0 Severity

and Metrics:

Base Score: 5.3 MEDIUM

Vector: Vector:

AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/AV/N/AC:M/Au:N/C:P/I:N/A:N)

(V3.0 legend)

Impact Score: 1.4 Exploitability Score: 3.9 (V2 legend) Impact Subscore: 2.9

and Metrics:

Exploitability Subscore: 8.6

CVSS v2.0 Severity

Base Score: 4.3 MEDIUM

Attack Vector (AV): Network Attack Complexity (AC):

Privileges Required (PR):

Access Vector (AV): Network

Access Complexity (AC):

Medium

Authentication (AUI): None

#### QUICK INFO

**CVE Dictionary Entry:** CVE-2015-6471

**NVD Published Date:** 

12/22/2015

**NVD Last Modified:** 

12/23/2015

## What are the five steps of cybersecurity for designers?

- Work with the system owner to determine the C.I.A. impact rating of control systems in facility
- Use the C.I.A. impact ratings to select the proper list of security controls
- Use the DoD Master Control Correlation Identifier (CCI) list to create a list of relevant CCI's based on the C.I.A impact rating
- Categorize CCI's and identify the CCI's that require input from the designer or are the designer's responsibility
- Include cybersecurity requirements in project specifications and documents

## Work with the system owner to determine the C.I.A. impact rating of control systems in facility

- What is C.I.A.
  - C Confidentiality (restrictions of information access)
  - I Integrity (guarding against information modification or destruction)
  - A Availability (ensuring timely and reliable access)
- Prepare a list of control systems that are going to incorporated in the building including any communication protocols used.
- Ask the system owner to provide an impact rating for each control system on the project.

# Use the C.I.A. impact ratings to select the proper list of security controls

- What are examples of controls
  - AC Access control
  - AU Audit and Accountability
  - SC System and Communications Protection
  - There are a total of 18 families of security controls
- Where can these be found NIST SP 800-82r2 and UFC 4-010-06
- What is meant by families
  - Access control is broken down farther
    - AC-2 Account Management
    - AC-3 Access Enforcement
    - Etc.

## Security Control Example from UFC

UFC 4-010-06 19 September 2016 Change 1, 18 January 2017

Table G-1 Access Control (AC) Control Family

Security Control ID	Security Control Name and Design Guidance		
AC-2	Account Management: Specify what account types provide which permissions in the control system (e.g. "view only", "acknowledge alarms", "change set-points", etc.). Note that designer may need to explain these roles to the ISSM / ISSO so they can perform their DoD-defined duties under this control. Note that "accounts" (and particularly "temporary" or "emergency" accounts) likely exist at Level 4 and may or may not exist at Levels 1 or 2, depending on the control system type. (For example, many building control systems won't have user accounts at these levels, but many utility control systems do). Designer may need to explain lack of "accounts" at Levels 1 and 2. Specifications should require that account activities be audited (logged), but auditing may be limited to software applications, and require notification be supported. Note that notification (e.g. email, rollup to another system) will generally require Platform Enclave or other Level 4 and Level 5 support for actual execution.		
AC-3	Access Enforcement: AC-3 is met by requiring the contractor to configure any control system component which has a STIG or SRG in accordance with that STIG or SRG"		

# Use the DoD Master Control Correlation Identifier (CCI) list to create a list of relevant CCI's based on the C.I.A impact rating

- Use the C.I.A. impact rating to list all of the CCI's that are included
- Is the CCI the responsibility of the Designer or someone/something else?
  - DoD Defined
  - Non-Designer (System Owner)
  - Platform Enclave (Standard IT equipment)
  - Impractical
- Is the CCI applicable to a control system

#### Who or What is Responsible

- DoD Defined
  - Provided by DoD either in a policy or a prescribed value
- Designer
  - Designer has some role in addressing this CCI
- Non-Designer
  - Designer does not have responsibility in this CCI
- Platform Enclave
  - Standard IT device implements this CCI
- Impractical
  - The control system is not capable of implementing this CCI

### CCI Example from UFC

UFC 4-010-06 19 September 2016 Change 1, 18 January 2017

H-5

**CCI TABLES** 

CCI#	800-53 Control Text Indicator	Applies At Or Above Impact	Table Reference	Applicable to a Control System?
CCI-002107	AC-1 (a)	LOW	None (Non-Designer)	TRUE
CCI-002108	AC-1 (a)	LOW	None (Non-Designer)	TRUE
CCI-000001	AC-1 (a) (1)	LOW	None (Non-Designer)	TRUE
CCI-000002	AC-1 (a) (1)	LOW	None (Non-Designer)	TRUE
CCI-002106	AC-1 (a) (1)	LOW	None (Non-Designer)	TRUE
CCI-000004	AC-1 (a) (2)	LOW	None (Non-Designer)	TRUE
CCI-000005	AC-1 (a) (2)	LOW	None (Non-Designer)	TRUE
CCI-002109	AC-1 (a) (2)	LOW	None (Non-Designer)	TRUE
CCI-000003	AC-1 (b) (1)	LOW	None (Non-Designer)	TRUE
CCI-001545	AC-1(b)(1)	LOW		TRUE
CCI-000006	AC-1(b)(2)	LOW	None (Non-Designer)	TRUE
CCI-001546	AC-1(b)(2)	LOW	3	TRUE
CCI-002110	AC-2(a)	LOW	Table H-4 (Designer)	TRUE
CCI-002111	AC-2(a)	LOW	None (Non-Designer)	TRUE
CCI-002112	AC-2(b)	LOW	None (Non-Designer)	TRUE
CCI-000008	AC-2(c)	LOW	None (Non-Designer)	TRUE
CCI-002113	AC-2(c)	LOW	None (Non-Designer)	TRUE
CCI-002115	AC-2(d)	LOW	None (Non-Designer)	TRUE
CCI-002116	AC-2(d)	LOW	None (Non-Designer)	TRUE
CCI-002117	AC-2(d)	LOW	None (Non-Designer)	TRUE
CCI-002118	AC-2(d)	LOW	None (Non-Designer)	TRUE
CCI-002119	AC-2(d)	LOW	None (Non-Designer)	TRUE
CCI-002120	AC-2(e)	LOW	None (Non-Designer)	TRUE
CCI-000010	AC-2(e)	LOW	None (Non-Designer)	TRUE
CCI-000011	AC-2(f)	LOW	None (Non-Designer)	TRUE
CCI-002121	AC-2(f)	LOW	None (Non-Designer)	TRUE
CCI-002122	AC-2(g)	LOW	None (Non-Designer)	TRUE
CCI-002123	AC-2(h)(1)	LOW	None (Non-Designer)	TRUE
CCI-002124	AC-2(h)(2)	LOW	None (Non-Designer)	TRUE
CCI-002125	AC-2(h)(3)	LOW	None (Non-Designer)	TRUE
CCI-002126	AC-2(i)(1)	LOW	None (Non-Designer)	TRUE
CCI-002127	AC-2(i)(2)	LOW	None (Non-Designer)	TRUE
CCI-002127	AC-2(i)(2)	LOW	None (Non-Designer)	TRUE
CCI-002120	AC-2(j)	LOW	None (Non-Designer)	TRUE
CCI-000012	AC-2(j)	LOW	rache (rach-besigner)	TRUE
CCI-001347	AC-2(k)	LOW	None (Non-Designer)	TRUE
CCI-002129 CCI-000015	AC-2(K) AC-2(1)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-000015	AC-2(1) AC-2(2)	MODERATE	Table H-5 (Designer)	TRUE
CCI-000016	VC-3(3)	MODERATE	Table H-7 (Enclave)	TRUE

# Categorize CCI's and identify the CCI's that require input from the designer or are the designer's responsibility

- Can the control system do what is required in the CCI?
  - CCI-oooo48 states that the information system display's the organization use banner.
    - If the control system is capable of this include in UFGS specification
    - If the control system cannot do this, lists the reasons and state that it is impractical
- If the CCI states "The Information System..."
  - The Designer will need to address these
- If the CCI states "The Organization..."
  - The Designer may need to address this if STIGs or SRGs are involved

### CCI example from UFC

UFC 4-010-06 19 September 2016 Change 1, 18 January 2017

CCI#	800-53 Control Text Indicator	CCI Definition	Responsibility	
CCI-000048	AC-8(a)	The information system displays an organization- defined system use notification message or banner before granting access to the system that provides privacy and security notices consistent with applicable federal laws, Executive Orders, directives, policies, regulations, standards, and guidance.	Enclave Designer Impractical	
CCI-002247	AC-8(a)	The organization defines the use notification message or banner the information system displays to users before granting access to the system.	DoD-Defined Enclave Designer Impractical	
CCI-002243	AC-8(a)(1)	The organization-defined information system use notification message or banner is to state that users are accessing a U.S. Government information system.	DoD-Defined Enclave Designer Impractical	
CCI-002244	AC-8(a)(2)	The organization-defined information system use notification message or banner is to state that information system usage may be monitored, recorded, and subject to audit.	DoD-Defined Enclave Designer Impractical	
CCI-002245	AC-8(a)(3)	The organization-defined information system use notification message or banner is to state that unauthorized use of the information system is prohibited and subject to criminal and civil penalties.	DoD-Defined Enclave Designer Impractical	
CCI-002246	AC-8(a)(4)	The organization-defined information system use notification message or banner is to state that use of the information system indicates consent to monitoring and recording.	DoD-Defined Enclave Designer Impractical	
CCI-000050	AC-8(b)	The information system retains the notification message or banner on the screen until users acknowledge the usage conditions and take explicit actions to log on to or further access.	Enclave Designer	
		¥		

#### What are STIGs and SRGs

- Security Technical Implementation Guides (STIGs)
  - The actions needed to provide a hardened system for cybersecurity
  - Usually on a particular software or firmware (CISCO IOS, SEL, Windows, etc)
- Security Requirements Guides (SRGs)
  - The actions needed to provide a hardened system for cybersecurity
  - Usually on a generic system (Layer 2 switch, AAA)

## Where do you get STIGs and SRGs



# Example STIG (Schweitzer Engineering Laboratories SEL-2740S)

Group ID (Vulid): V-92263

Group Title: SRG-NET-000148-L2S-000015

Rule ID: SV-102363r1 rule

Severity: CAT I

Rule Version (STIG-ID): SELS-SW-000020

Rule Title: The SEL-2740S must uniquely identify all network-connected endpoint devices before establishing any connection.

**Vulnerability Discussion:** Controlling LAN access via identification of connecting hosts can assist in preventing a malicious user from connecting an unauthorized PC to a switch port to inject or receive data from the network without detection.

#### **Check Content:**

Review SEL-2740S flow rules to ensure they contain the proper match criteria (MAC, IP, Port, SRC, DST, etc.) for the connected hosts restricting all other access to the network.

If the SEL-2740S is configured with flows with wildcard or unnecessary packet forwarding rules, this is a finding.

Fix Text: For adding an SEL-2740S Flow Rule to forward traffic, do the following:

- 1. Log in to OTSDN Controller using Permission Level 3.
- 2. Click "Flow Entries" in Navigation Menu.
- 3. Click "Add Flow" button.
- 4. Enter General Setting values for "Switch", "Enable". Optional: Enter General Settings for "Table ID", "Priority", "Idle Timeout", and "Hard Timeout".
- 5. Depending on communication protocol behavior, enter appropriate Match Field values for "ARP Opcode" ("Request" or "Reply"), "ARP Source", "ARP Target", "Communication Service Type (CST) Match", "Ethernet Destination", "Ethernet Source", "Ethernet Type", "InPort", "IP Proto", "IPv4 Destination", "IPv4 Source", "TCP Destination", "TCP Source", "UDP Destination", "UDP Source", "VLAN Priority", and/or "VLAN Virtually ID".
- 6. Enter appropriate Write-Actions for "Pop VLAN ID", "Push VLAN ID", "Set VLAN ID", "Set VLAN Priority", "Set Queue", "Group by Alias or Value", and/or "Output by Alias or Value".
- 7. Click "Submit".
- 8. Repeat for every switch necessary.

CCI: CCI-000778

## CCI-000778

UFC 4-010-06 19 September 2016 Change 1, 18 January 2017

CCI#	800-53 Control Text Indicator	Applies At Or Above Impact	Table Reference	Applicable to a Control System?
CCI-000552	CP-10	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-000553	CP-10(2)	MODERATE	Table H-5 (Designer)	TRUE
CCI-002855	CP-12	LOW	Table H-4 (Designer)	TRUE
CCI-002856	CP-12	LOW	Table H-4 (Designer)	TRUE
CCI-002857	CP-12	LOW	Table H-4 (Designer)	TRUE
CCI-001933	IA-1(a)	LOW	Table H-6 (Enclave)	TRUE
CCI-001934	IA-1(a)	LOW	Table H-6 (Enclave)	TRUE
CCI-000756	IA-1(a)(1)	LOW	Table H-6 (Enclave)	TRUE
CCI-000757	IA-1(a)(1)	LOW	Table H-6 (Enclave)	TRUE
CCI-001932	IA-1(a)(1)	LOW	Table H-6 (Enclave)	TRUE
CCI-000760	IA-1(a)(2)	LOW	Table H-6 (Enclave)	TRUE
CCI-000761	IA-1(a)(2)	LOW	Table H-6 (Enclave)	TRUE
CCI-000758	IA-1(b)(1)	LOW	Table H-6 (Enclave)	TRUE
CCI-000759	IA-1(b)(1)	LOW	Table H-6 (Enclave)	TRUE
CCI-000762	IA-1(b)(2)	LOW	Table H-6 (Enclave)	TRUE
CCI-000763	IA-1(b)(2)	LOW	Table H-6 (Enclave)	TRUE
CCI-000764	IA-2	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-000765	IA-2(1)	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-000766	IA-2(2)	MODERATE	Table H-5 (Designer) Table H-7 (Enclave)	TRUE
CCI-000767	IA-2(3)	MODERATE	Table H-5 (Designer) Table H-7 (Enclave)	TRUE
CCI-001949	IA-2(11)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001951	IA-2(11)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001952	IA-2(11)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001948	IA-2(11)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001950	IA-2(11)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001947	IA-2(11)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001953	IA-2(12)	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-001954	IA-2(12)	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-000777	IA-3	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-000778	IA-3	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-001958	IA-3	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE

#### Example SRG (Layer 2 Switch SRG)

Group ID (Vulid): V-62165 Group Title: SRG-NET-000235 Rule ID: SV-76655r2 rule

Severity: CAT II

Rule Version (STIG-ID): SRG-NET-000235-L2S-000031

Rule Title: The layer 2 switch must be configured to fail securely in the event of an operational failure.

**Vulnerability Discussion:** If the switch fails in an unsecure manner (open), unauthorized traffic originating externally to the enclave may enter or the device may permit unauthorized information release. Fail secure is a condition achieved by employing information system mechanisms to ensure, in the event of an operational failure of the switch, that it does not enter into an unsecure state where intended security properties no longer hold.

If the device fails, it must not fail in a manner that will allow unauthorized access. If the switch fails for any reason, it must stop forwarding traffic altogether or maintain the configured security policies. If the device stops forwarding traffic, maintaining network availability would be achieved through device redundancy.

An example is a firewall that blocks all traffic rather than allowing all traffic when a firewall component fails (e.g., fail closed and do not forward traffic). This prevents an attacker from forcing a failure of the system in order to obtain access. Abort refers to stopping a program or function before it has finished naturally. The term abort refers to both requested and unexpected terminations.

#### **Check Content:**

Review the vendor documentation to determine if the layer 2 switch will fail to a secure state in the event that the system initialization fails, shutdown fails, or abort fails.

If the layer 2 switch does not fail to a secure state in the event that the system initialization fails, shutdown fails, or abort fails, this is a finding.

Fix Text: Configure the layer 2 switch to fail to a secure state upon failure of initialization, shutdown, or abort actions.

CCI: CCI-001126

#### CCI-001126

UFC 4-010-06 19 September 2016 Change 1, 18 January 2017

CCI-002385 S CCI-002386 S CCI-001097 SC CCI-002395 SC CCI-001098 SC CCI-001101 SC CCI-001102 SC- CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001108 SC- CCI-001109 SC	6C-5 6C-5 6C-5	LOW	Table H-4 (Designer) Table H-6 (Enclave) Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-002386 SCCI-001097 SCCI-001098 SCCI-001101 SCCI-001102 SCCI-001103 SCCI-001105 SCCI-001106 SCCI-001107 SCCI-001107 SCCI-001108 SCCI-001108 SCCI-001109 SCCI-001109 SCCI-001109 SCCI-001109 SCCI-001109 SCCI-001109 SCCI	F-12-1	LOW		AND 1755 - A T
CCI-001097 SC CCI-002395 SC CCI-001098 SC CCI-001101 SC CCI-001102 SC- CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	C-5		Table Tro (Lindave)	TRUE
CCI-002395 SC CCI-001098 SC CCI-001101 SC CCI-001102 SC- CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC		LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-001098 SC CCI-001101 SC CCI-001102 SC- CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	C-7(a)	LOW	Table H-4 (Designer) Table H-6 (Enclave)	TRUE
CCI-001101 SC CCI-001102 SC- CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	C-7(b)	LOW		FALSE
CCI-001102 SC- CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	C-7(c)	LOW	Table H-6 (Enclave)	TRUE
CCI-001103 SC- CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	2-7(3)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-002396 SC- CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	7(4)(a)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001105 SC- CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	7(4)(b)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001106 SC- CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	7(4)(c)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001107 SC- CCI-001108 SC- CCI-001109 SC	7(4)(d)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001108 SC- CCI-001109 SC	7(4)(e)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001109 SC	7(4)(e)	MODERATE		TRUE
2224.400.00		MODERATE	Table H-7 (Enclave)	TRUE
CCI-002397 SC	2-7(5)	MODERATE	Table H-5 (Designer) Table H-7 (Enclave)	TRUE
	2-7(7)	MODERATE	Table H-7 (Enclave)	TRUE
CCI-001126 SC	-7(18)	MODERATE	Table H-5 (Designer)	TRUE
CCI-002418 S	C-8	MODERATE	Table H-5 (Designer)	TRUE
CCI-002419 SC	C-8(1)	MODERATE	Table H-5 (Designer)	TRUE
CCI-002421 SC	0/4)	MODERATE	Table H-5 (Designer)	TRUE

## Include cybersecurity requirements in project specifications and documents

- Create a UFGS 25 05 11 for each control system that is included in the design
- Have a write up in the Design Analysis for each control system
  - How was the C.I.A. impact rating was determined
  - Description of the control system including any protocols used and whether it connects to a base wide system or not
- Attach list of CCI's to the Design Analysis
- Attach checklist from ECB to Design Analysis (Optional)

# What are the deliverables at each stage of design?

- ECB 2018-11 has a design checklist with items that are required at each level of design
- UFC 4-010-06 chapter 5 also lists additional deliverables

#### What is ECB 2018-11?

- ECB 2018-11 was released in August of 2018
- It mandates the use of Mandatory Centers of Expertise (MCX) for USACE projects
- The Mandatory Centers of Expertise for Cybersecurity are
  - Civil Works CICS-MCX in Little Rock District
  - Military CSC-MCX in Huntsville

#### References

- DoDI 8500.01 Cybersecurity
- DoDI 8510.01 Risk Management Framework (RMF) for DoD Information Technology (IT)
- UFC 4-010-06 Cybersecurity of Facility-Related Control Systems
- ECB 2018-11 Control System Cybersecurity Coordination Requirement
- Component level Cybersecurity Directives (Example AFI 17-130)
- NIST SP 800-53r4 Security and Privacy Controls for Federal Information Systems and Organizations
- NIST SP 800-82r2 Guide to Industrial Control Systems (ICS) Security

