



TEXAS RE

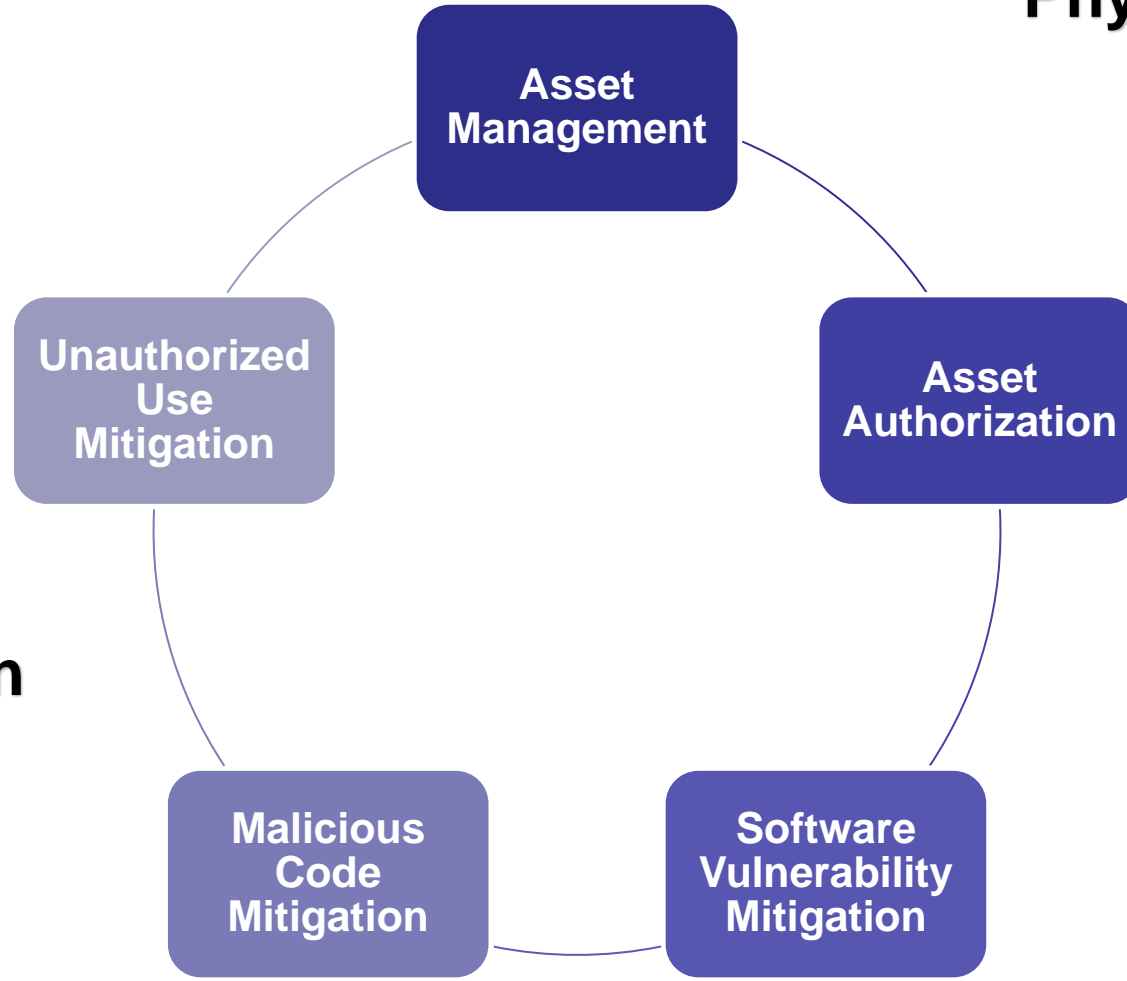
**CIP-010-4 R4 and CIP-003-8 R2 Section 5
TCA & RM Internal Controls**

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Director, Compliance Assessments**

October 6, 2023

TCA & RM Internal Controls

Inventory
Database
Monitoring
Alerting
Port Blocking
Data Loss Prevention
Network Segmentation
Training
Chain of Custody



Physical Access Controls
Access Management
Encryption
MFA
Patch Management
Signature Updates
Anti-Virus Software
Whitelisting
Contracts/SLA
Procedures/Plans



TCA & RM Internal Controls – Asset Management



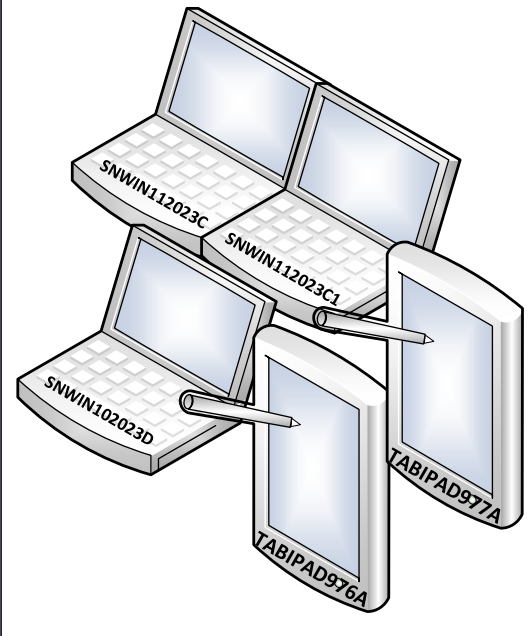
Ongoing



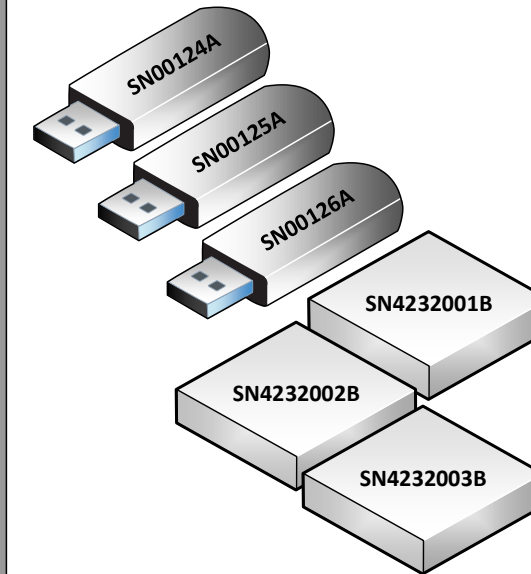
On-Demand



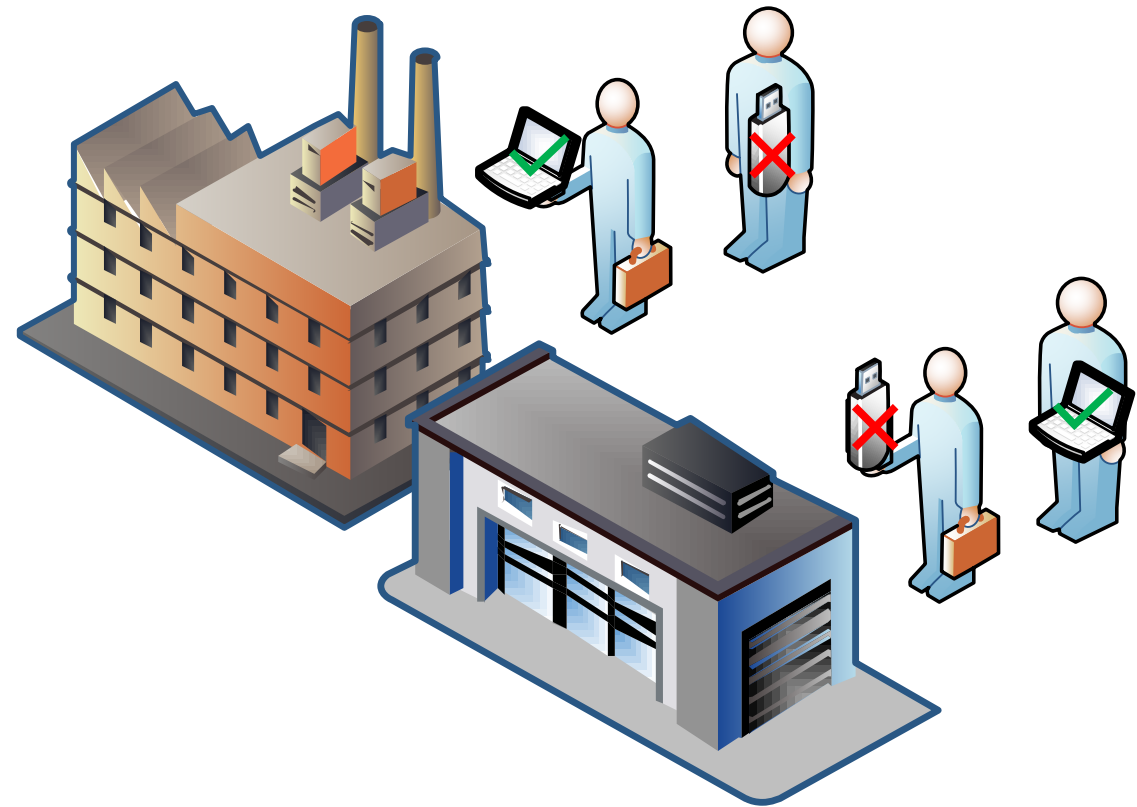
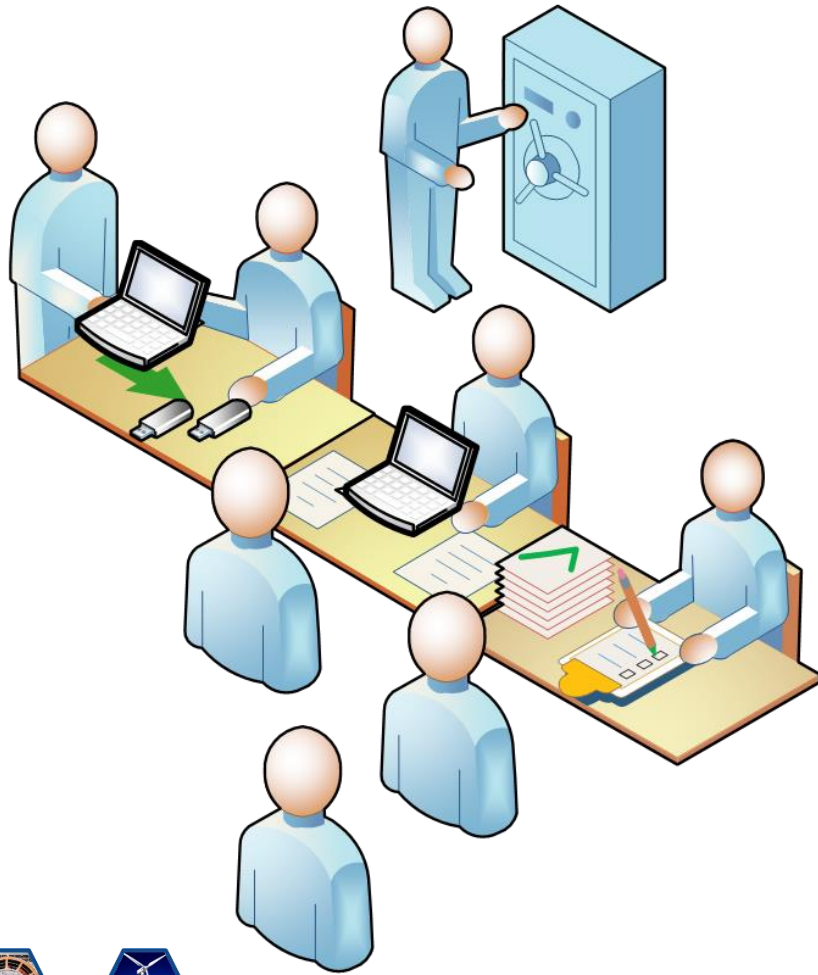
Transient Cyber Asset



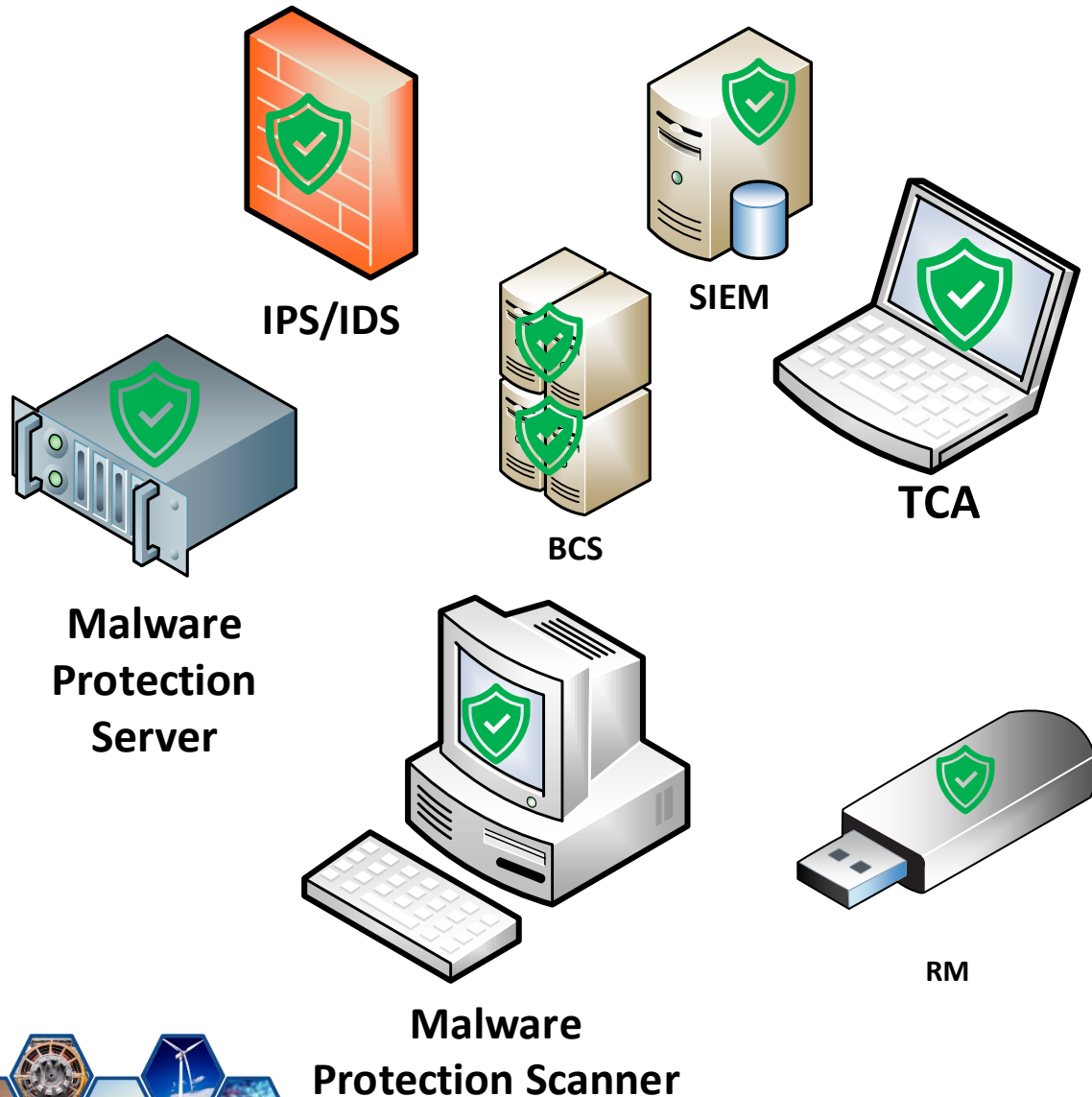
Removable Media



TCA & RM Internal Controls – Asset Authorization



TCA & RM Internal Controls – Malicious Code Mitigation



Frequency of Scans

Thoroughness of Scans

Signature Update Frequency

Anti-virus/Whitelisting/Etc.

Quarantine

Port Blocking

Monitoring/Alerting

Logs



NSA/CISA - Top Ten Cybersecurity Misconfigurations

- **Default configurations of software and applications**
- **Improper separation of user/administrator privilege**
- **Insufficient internal network monitoring**
- **Lack of network segmentation**
- **Poor patch management**
- **Bypass of system access controls**
- **Weak or misconfigured multifactor authentication (MFA) methods**
- **Insufficient access control lists (ACLs) on network shares and services**
- **Poor credential hygiene**
- **Unrestricted code execution**



The background of the slide features a blurred Texas state flag on the left and a target with several darts on the right. The darts are clustered in the center of the target, suggesting a focus on a specific point.

Questions?



TEXAS RE

Ensuring electric reliability for Texans

Upcoming Events



Upcoming Events

Date	Title
10/05/2023	Talk with Texas RE: Protecting BCSI
10/06/2023	CIPWG
10/18/2023	Transmission Availability Data System In-Person Training
10/18/2023	Board of Directors Conference Call
10/19/2023	Transmission Availability Data System In-Person Training
10/25/2023	Fall Standards, Security, and Reliability Workshop
10/26/2023	NSRF Meeting
10/31/2023	Talk with Texas RE: Electric-Gas Coordination
11/03/2023	CIPWG
11/09/2023	Talk with Texas RE: Distributed Energy Resources
11/14/2023	GridEx VII
11/15/2023	GridEx VII
11/16/2023	NSRF Meeting
11/23/2023	Thanksgiving - Texas RE Office Closed
11/24/2023	Thanksgiving - Texas RE Office Closed



[Calendar](#)



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