

Best Practices in Control Self Assessment

June 9, 2025

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Application of accounting and auditing principles is the responsibility of an organization's management and their independent public accountant.

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Agenda

Leveraging Internal Controls Frameworks

ICFR vs. ICOC

EAGLE

Control Self Assessments

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Learning Objectives

1. Identify types of controls
2. Recall the five components of internal control
3. Identify steps in performing a control self assessment
4. Distinguish between ICFR and ICOC



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Leveraging Internal Controls Frameworks



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COSO



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About COSO

- Committee of Sponsoring Organizations
 - Formed in 1985 to sponsor the National Commission on Fraudulent Financial Reporting
 - AKA the Treadway Commission



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Sponsoring Organizations

American Accounting Association

American Institute of CPAs

Financial Executives International

Institute of Internal Auditors

Institute of Management Accountants



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Commission's Mission

“To provide thought leadership through the development of comprehensive frameworks and guidance on enterprise risk management, internal control and fraud deterrence designed to improve organizational performance and governance and to reduce the extent of fraud in organizations”



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Original Framework

- First published in 1992
- The SEC identified COSO as an acceptable framework for Sarbanes-Oxley compliance
- Now most widely used internal control framework in US



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Original Cube



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Definition (1992)

Internal Control

- “Internal control is a process, effected by an entity’s board of directors, management, and other personnel, designed to provide reasonable assurance regarding the achievement of objectives relating to operations, financial reporting, and compliance”

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Reasons for Update

- Changes in technology and use of technology
- Globalization
- Complexity in laws and regulations
- Increase in outsourcing
- Focus on fraud

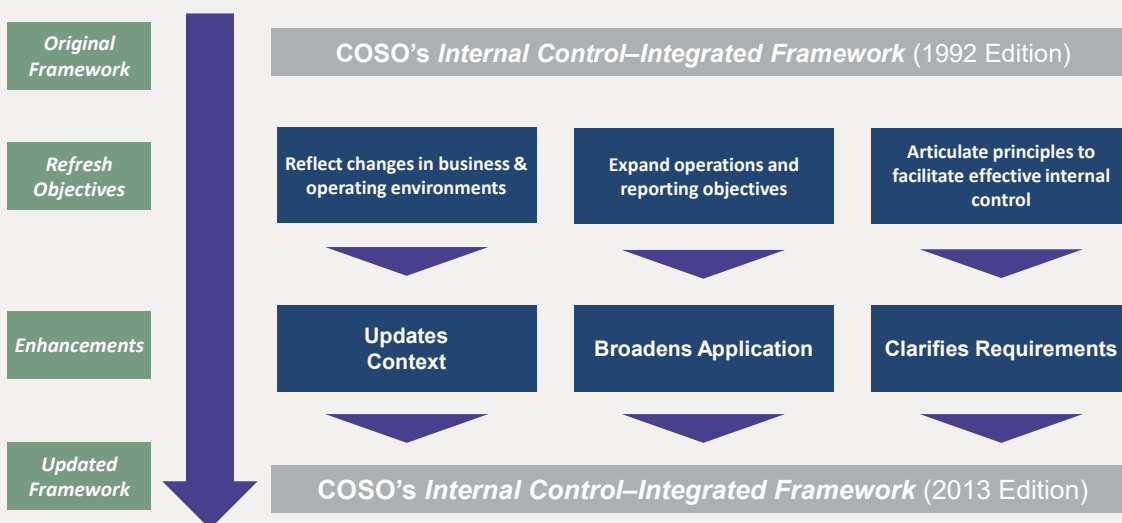


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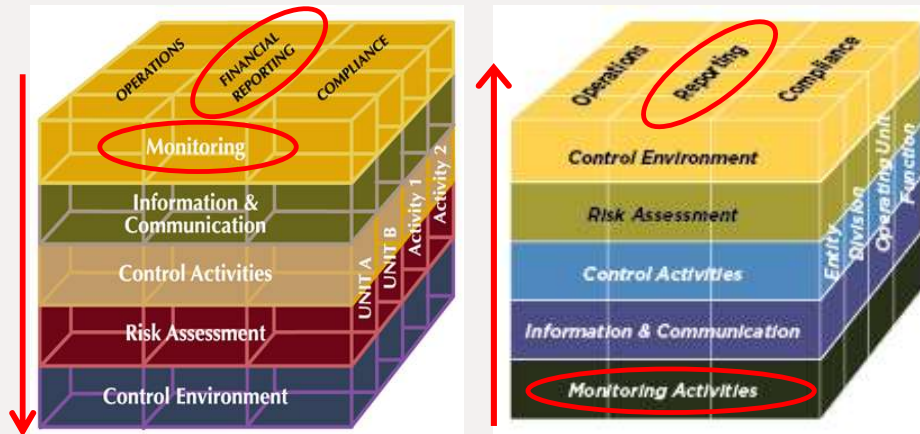
Objectives & Enhancements



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COSO Comparison (1992 - 2013)



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Internal Control Definition

“Internal control is a

- Process,
- Effected by an entity’s board of directors, management, and other personnel,
- Designed to provide reasonable assurance
- Regarding the achievement of objectives relating to operations, reporting, and compliance”

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Reasonable Assurance

- Does not provide absolute assurance
- Limitations of internal controls
 - Collusion
 - Management override
 - External events beyond the organizations control
 - Bad judgments or decisions



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Three Objectives

Operations

- Effectiveness and efficiency of the entity's operations

Reporting

- Internal and external financial and non-financial reporting

Compliance

- Adherence to laws and regulations



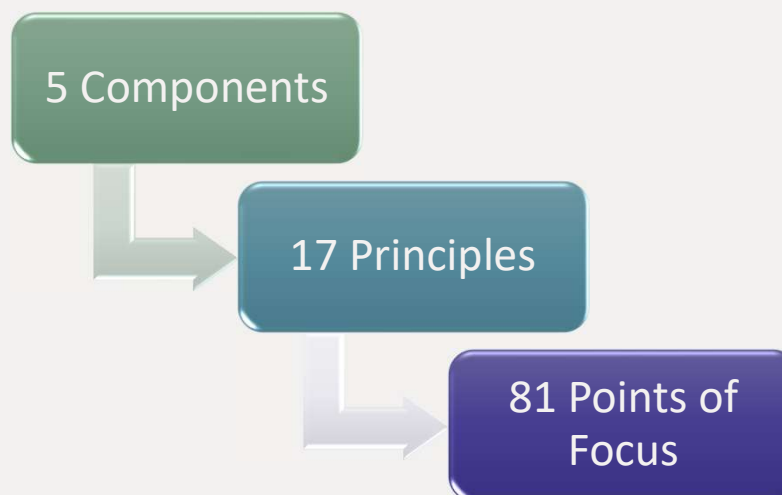
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Reporting



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The Hierarchy



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Five Components



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Seventeen Principles

- Each principle is **suitable** to all entities
- All principles are presumed **relevant**
 - Except in rare situations where management determines that a principle is not relevant to a component

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Points of Focus

- Points of focus may **not** be suitable or relevant, and others may be identified
- Use to **facilitate** designing, implementing, and conducting internal control
- There is **no requirement** to separately assess whether points of focus are in place



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Control Activities



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Manual

Who

What

When

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Common Control Activities

- Authorizations and approvals
- Reconciliations
- Segregation of duties
- Physical or logical controls (including those addressing safeguarding of assets)
- Verifications (such as edit and validation checks or automated calculations)

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Common IT Controls

- Authentication
 - Controls that validate that a user accessing the IT application or other aspect of the IT environment is using the user's own log-in credentials (that is, the user is not using another user's credentials)
- Authorization
 - Controls that allow users to access the information necessary for their job responsibilities and nothing further, which facilitates appropriate segregation of duties
- Provisioning
 - Controls to authorize new users and modifications to existing users' access privileges
- Deprovisioning
 - Controls to remove user access upon termination or transfer

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Common IT Controls Cont'd

- Privileged access
 - Controls over administrative or powerful users' access
- User-access reviews
 - Controls to recertify or evaluate user access for ongoing authorization over time
- Security configuration controls
 - Each technology generally has key configuration settings that help restrict access to the environment
- Physical access
 - Controls over physical access to the data center and hardware because such access may be used to override other controls

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Green Book



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Current Green Book

- Standards for Internal Control in the Federal Government (AKA the "Green Book")
 - 2014 Green Book is effective until the end of FY 2025.

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Intended User

- Sets the standards for an effective internal control system for federal agencies
 - Can be adopted by state, local, and quasi-governmental entities, as well as not-for-profit organizations

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Quote

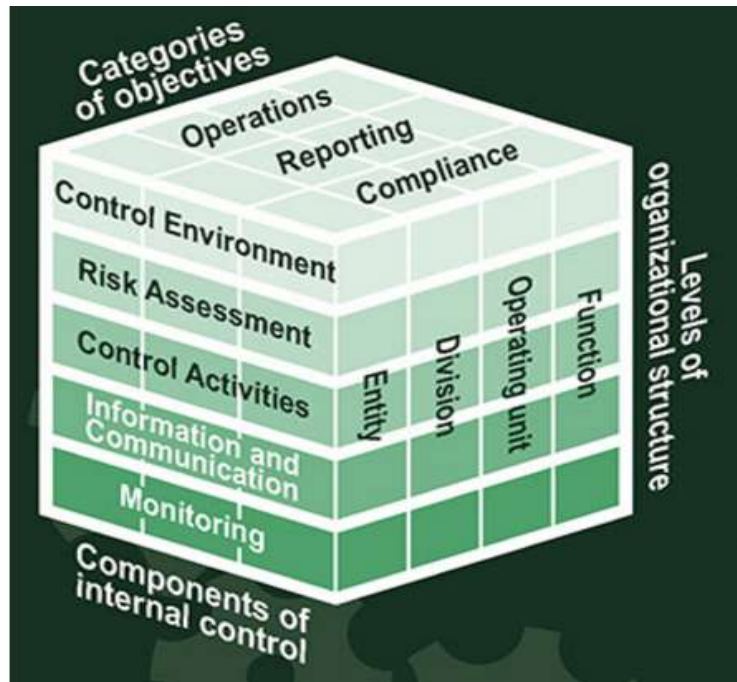
“With continuing tight federal budgets, it’s vital that agencies make careful use of the resources they have been given and provide a reliable stewardship of their activities”

- Gene L. Dodaro, Comptroller General of the United States and head of the GAO

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The Cube

Source GAO, GAO-14-704G
Federal Internal Control
Standards



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Internal Control

“Internal control is a process effected by an entity’s oversight body, management, and other personnel that provides reasonable assurance that the objectives of an entity will be achieved”

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Definition

Internal Control System

- An internal control system is a **continuous built-in** component of operations, effected by people, that provides reasonable assurance, not absolute assurance, that an entity's objectives will be achieved



Source GAO. GAO-14-704G Federal Internal Control Standards

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New Green Book

Standards for Internal Control in the Federal Government, 2024 Exposure Draft

- Issued May 2025
- Background
 - Proposal in 2024
 - COVID, Cyberattacks



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Major Changes

- Provides additional requirements, application guidance, and resources for addressing these risk areas when designing, implementing, and operating an effective internal control system
- Continues to harmonize with COSO



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Overall

- The five components of internal control and 17 related principles remain
 - Some principles were modified, and attributes were added or expanded upon.
- Two new documentation requirements were added, and two extant documentation requirements were modified.
- Two new appendixes:
 - Appendix II provides examples of preventive and detective control activities.
 - Appendix III provides resources that management may leverage in designing, implementing, and operating effective internal control systems to address risk areas related to fraud; improper payments; information security; and the implementation of new or substantially changed programs, including emergency assistance programs

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New Documentation Requirements

- Management documents the results of the risk assessment, including the identification, analysis, and response to risks, that are completed on both a periodic and ongoing basis.
 - This includes documentation of the consideration of risks related to fraud, improper payments, information security, and significant internal and external changes that could impact the internal control system (paragraph 7.15).
- Management documents a process for responding to significant changes and related risks so that the internal control system can be quickly adapted as needed to respond to changes once they occur (paragraph 9.08).

Improper Payments and Info Security

- Adds a requirement to consider risks related to improper payments and information security when identifying, analyzing, and responding to risks (paragraphs 8.01 through 8.05 and 8.11 through 8.20).

Fraud Considerations

- The types of fraud have been broadened to clarify
 - that fraud can be both financial and nonfinancial and
 - what other types of illegal acts are considered as fraud (paragraph 8.06).
- Emphasizes that fraud involves obtaining something of value through willful misrepresentation (paragraph 8.06)

Preventative Controls

- Emphasizes that management prioritizes preventive controls by considering them first, as they generally offer the most cost-efficient use of resources and are generally effective at mitigating fraud and improper payments (paragraphs 10.09 through 10.11).

Effective Date

- The 2025 Revision is effective beginning with fiscal year 2026 and the Federal Managers' Financial Integrity Act of 1982 reports covering that year.
 - Early implementation is permitted.

ICFR vs. ICOC



Acronyms

- ICFR = Internal Controls over Financial Reporting
- ICOC = Internal Controls over Compliance

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Top Down and Risk Based

Top
Down

- Start with “entity level controls”

Risk
Based

- What are the entity’s biggest risks?

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Financial Statement Assertions

- Existence or Occurrence
 - Assets, liabilities, and ownership interests exist at a specific date
 - Recorded transactions represent events that actually occurred
- Completeness
 - All transactions that occurred during a specific period have been recorded
- Rights and Obligations
 - Assets are the rights and liabilities are the obligations of the entity at a given date

Financial Statement Assertions Cont'd

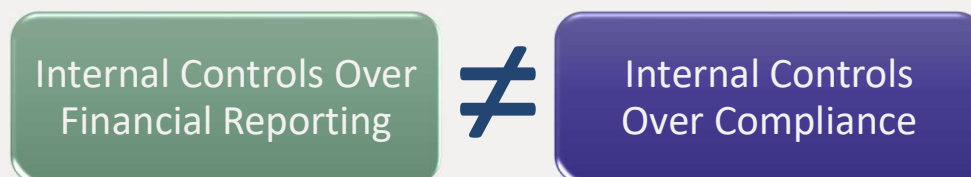
- Valuation or Allocation
 - Items are recorded at appropriate amounts in conformity with relevant and appropriate accounting principles
 - Transactions are mathematically correct and appropriately summarized and recorded in the entity's books and records
- Presentation and Disclosure
 - Items in the statements are properly described, sorted, and classified

Single Audit Impact

- The Uniform Guidance requires that recipients and subrecipients **must** establish, **document**, and maintain effective internal control over the Federal award that provides reasonable assurance that the recipient or subrecipient is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award

Internal Controls Over COMPLIANCE

- We use the compliance requirements to determine what controls are required
- Auditors use the compliance supplement as a guide



Compliance Requirements

Activities Allowed or Unallowed	Allowable Costs/Cost Principles	Cash Management	Eligibility
Equipment & Real Property Management	Matching, Level of Effort, Earmarking	Period of Performance	Procurement and Suspension and Debarment
Program Income	Reporting	Subrecipient Monitoring	Special Tests & Provisions

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Activities Allowed or Unallowed (A)

- Specifies the activities that can or cannot be funded under a specific program and how they are calculated and supported
- Unique to each Federal program and are found in the laws, regulations, and the provisions of contract or grant agreements pertaining to the program

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Allowable Costs / Cost Principles (B)

- Specifies the costs that can and cannot be funded under a specific program and how they are calculated and supported

In accordance with required guidance:

- CFR 200 Subpart E
- Terms specified in the grant agreement

Allowable Costs / Cost Principles (A/B)

To be allowable, a cost must:

- Be necessary and reasonable for the performance of the Federal award and be allocable thereto under these principles.
- Conform to any limitations or exclusions set forth in these principles or in the Federal award as to types or amount of cost items.
- Be consistent with policies and procedures that apply uniformly to both federally financed and other activities of the recipient or subrecipient.
- Be accorded consistent treatment. For example, a cost must not be assigned to a Federal award as a direct cost if any other cost incurred for the same purpose in like circumstances has been allocated to the award as an indirect cost.
- Be determined in accordance with GAAP, except, for State and local governments and Indian Tribes only, as otherwise provided for in this part.
- Not be included as a cost or used to meet cost sharing requirements of any other federally-financed program in either the current or a prior period.
- Be adequately documented.
- Administrative closeout costs may be incurred until the due date of the final report(s). If incurred, these costs must be liquidated prior to the due date of the final report(s) and charged to the final budget period of the award unless otherwise specified by the Federal agency. All other costs **must be incurred during the approved budget period**. At its discretion, the Federal agency is authorized to waive prior written approvals to carry forward unobligated balances to subsequent budget periods.

Cash Management (C)

- Reimbursement Basis
 - Program costs must be incurred by the entity prior to requesting reimbursement
- Advance Payments
 - Recipients must follow procedures to minimize the time elapsing between the transfer of funds from the U.S. Treasury and disbursement

Eligibility (E)

- Participants meet the program criteria to receive grant funding
- The specific requirements for eligibility are unique to each Federal program
 - The requirements are found in the laws, regulations, and the provisions of contracts and grant agreements

Equipment and Real Property Management (F)

- Management, use and disposal of equipment or real property
- Requirements for equipment and real property are contained in UG, program legislation, Federal awarding agency regulations, and the terms and conditions of the award

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Matching, Level of Effort, Earmarking (G)

- Matching
 - Required cost share
- Level of effort
 - Required participation from period to period
- Earmarking
 - Setting aside funding for specified activities

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Period of Performance (H)

- The time interval between the start of and end date of a Federal award, which may include one or more budget periods

Procurement and Suspension and Debarment (I)

- Procurement
 - Five methods of procurement
 - Micro-purchase
 - Simplified Acquisitions
 - Sealed Bids
 - Proposals
 - Noncompetitive Procurement

Procurement and Suspension and Debarment (I) Cont'd

- Suspension and Debarment
 - Prohibited from contracting with or making subawards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred

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Program Income (J)

- Income generated by Federal funds are used for program expenditures
- May be used in 3 ways:

DeductionAdditionCost
Sharing

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Reporting (L)

- Reporting Requirements
 - Financial
 - Performance
 - Special
 - FFATA

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Sub-recipient Monitoring (M)

- Verify the subrecipient is not excluded or disqualified
- Identification of the award as a subaward
- Evaluate fraud risk and risk of noncompliance
- Monitoring pass-through funding
- Ensure accountability
- Verify that the subrecipient is audited (as necessary)

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Application



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Compliance Supplement – Part 6

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Principle 9. Management should identify, analyze, and respond to significant changes that could impact the internal control system.

Illustrative Controls for Principle 9:

- Management identifies changes such as new personnel, new technology, expanded operations, rapid growth, or changes in the operating environment and adjusts risk assessments to address those changes
- Management analyzes compliance requirement modifications to properly adjust risk
- A communication process with regulators is in place to identify changes in compliance requirements
- Changes in philosophies or employee turnover are evaluated by management for any potential impact on related controls

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What is a Control?

- Process
 - Procedures that originate, transfer or change data
 - Can introduce errors
 - *Example: Employees complete their timesheets*
- Controls
 - Procedures designed to prevent, detect and correct errors resulting from processing of accounting information
 - Cannot generate errors
 - *Example: Project manager approves timesheets*

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EAGLE



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EAGLE

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Top-Down, Risk-Based Approach

EAGLE Checklist - Agency

Suggested Target Date		Financial Risk Assessment		Compliance Risk Assessment		
1/31/2025	Template 01 – A	Assess risk at the financial statement account level.	<input type="checkbox"/>	Template 01 – B	Assess risk for the program/grant.	<input type="checkbox"/>
		Assess risk at the financial statement process level.	<input type="checkbox"/>		Assess risk for each requirement.	<input type="checkbox"/>
		Assess risk at the financial statement location level, if applicable.	<input type="checkbox"/>		Review Compliance Internal Control Guidance.	<input type="checkbox"/>
	Risk Assertion Guidance	Review Financial Statement Assertions Guidance.	<input type="checkbox"/>	Compliance Guidance	Review Compliance Internal Control Guidance.	<input type="checkbox"/>
Control Environment Questionnaire (Low Risk Only)						
Identify Controls						
3/31/2025	Template 02	Narrative - Document the applicable processes/compliance requirements.				<input type="checkbox"/>
	Template 03	Walkthrough - Walk through the applicable processes/compliance requirements.				<input type="checkbox"/>
	Template 04	Service Provider/Reliance on Others - Identify and document reliance on others.				<input type="checkbox"/>
Evaluate and Execute						
6/30/2025	Template 05	Risk and Control Matrix - Identify the "right" combination of controls.				<input type="checkbox"/>
	Template 06	Test Plan - Determine the testing selections for applicable controls.				<input type="checkbox"/>
	Template 06	Test Leadsheet - Perform testing of selected controls.				<input type="checkbox"/>
	Template 06.1	IT General Controls Testing - Complete Option 1 or 2.				<input type="checkbox"/>
7/31/2025	Template 07	Issue Summary Log - Document issues and management's response.				<input type="checkbox"/>
	Performance Measures					
7/31/2025	Template 08	General Accounting				<input type="checkbox"/>
	Template 09	Federal Grants				<input type="checkbox"/>
Internal Control Certification						
Internal Control Certification Letter Due 7/31/2025		Each Chief Executive Officer and Chief Financial Officer shall annually certify, in a manner prescribed by the State Controller, that the agency has in place a proper system of internal control.				<input type="checkbox"/>

Instructions: Check off boxes as you complete each step of the EAGLE program.

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<https://www.ncosc.gov/state-agency-resources/eagle>

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EAGLE

- Enhancing Accountability in Government through Leadership and Education
 - to establish adequate internal control but also to increase fiscal accountability within state government.

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LEARNING SOLUTIONS

<https://www.ncosc.gov/state-agency-resources/eagle>

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Requirements

- Each agency will be required to perform an annual assessment of internal control over financial reporting and compliance.
 - Agencies can identify risks and compensating controls that reduce the possibility of material misstatements, misappropriation of assets and noncompliance with governmental rules and regulations.
 - Assists agencies in recognizing opportunities to increase efficiency and effectiveness in business processes and operations.



<https://www.ncosc.gov/state-agency-resources/eagle>

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Control Self Assessments



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Control Self Assessment

- The IIA defines a Control self-assessment (CSA) as a technique that allows managers and work teams directly involved in business units, functions or processes to participate in assessing the organization's risk management and control processes

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Why CSA?



Identify Risks

Clarify
Objectives

Control Costs

Better
Understand
the Processes

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Benefits

Accountability

Reduce Risks

Compliance

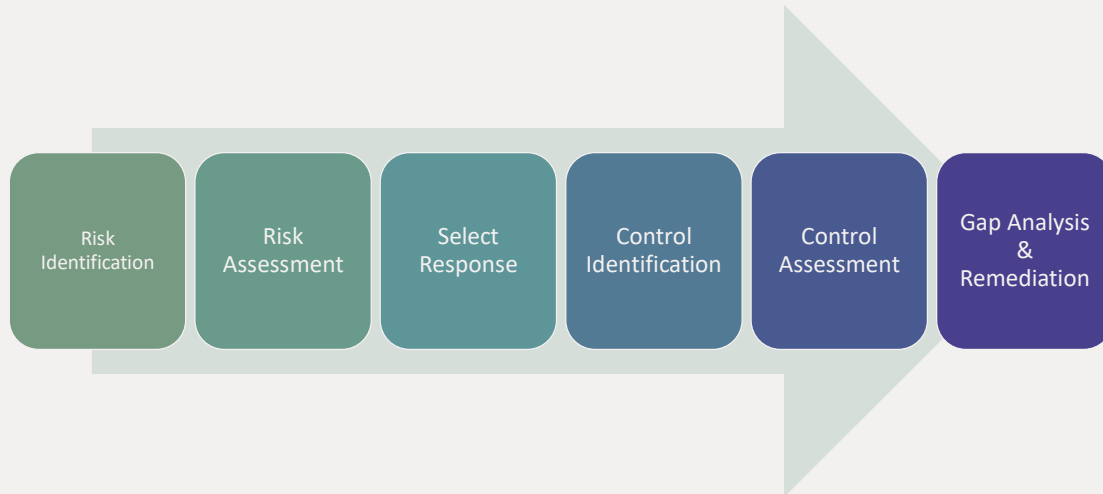
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Assessment vs. Management

- Point in Time vs. Continual
- Historical vs. Future Oriented

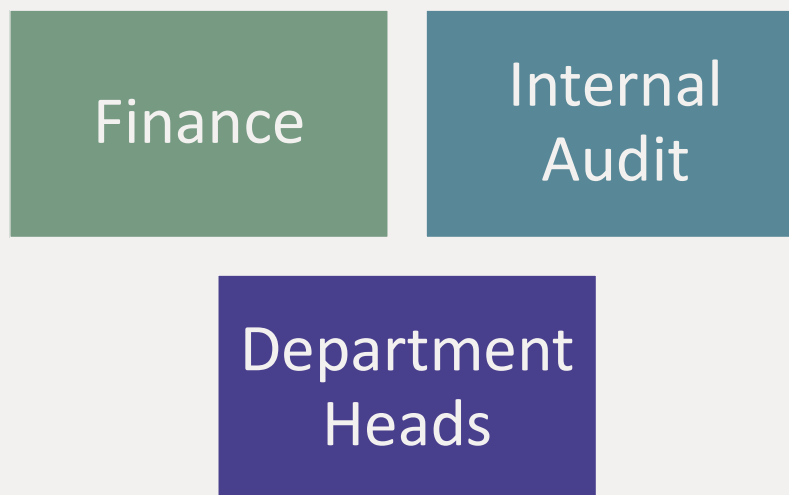
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Process



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Identify Project Leads



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Considerations

Risk Tolerance

Risk Appetite

Organizational Goals

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Risk Identification



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Methods

Brainstorming

Interviews

Checklists

Surveys

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Approach

Top Down

Risk Based

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Entity Level



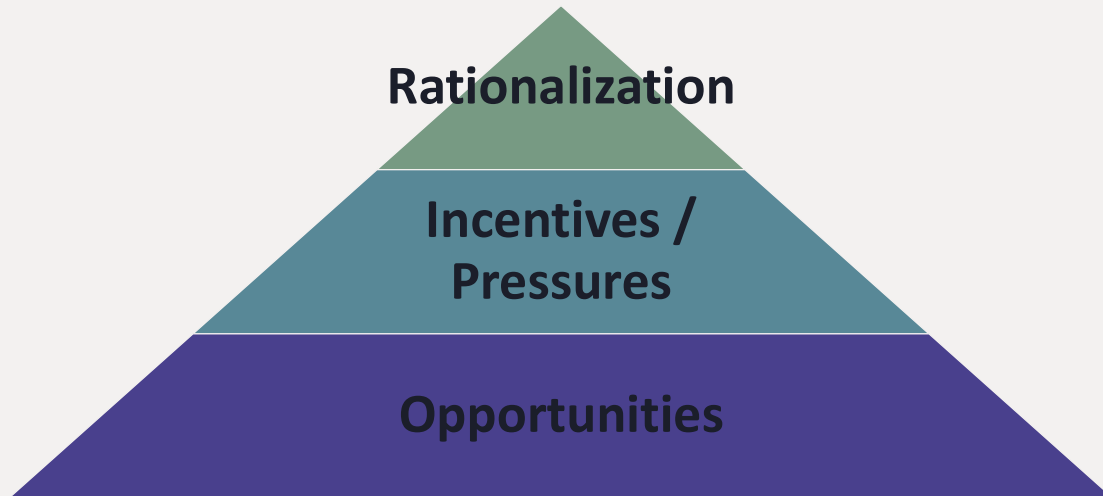
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Considerations



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Fraud Risk



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ACFE/IIA/AICPA Principles

- Principle 1: As part of an organization's governance structure, a fraud risk management program should be in place, including a written policy (or policies) to convey the expectations of the board of directors and senior management regarding managing fraud risk
- Principle 2: Fraud risk exposure should be assessed periodically by the organization to identify specific potential schemes and events that the organization needs to mitigate

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ACFE/IIA/AICPA Principles Cont'd

- Principle 3: Prevention techniques to avoid potential key fraud risk events should be established, where feasible, to mitigate possible impacts on the organization
- Principle 4: Detection techniques should be established to uncover fraud events when preventive measures fail or unmitigated risks are realized

ACFE/IIA/AICPA Principles Cont'd

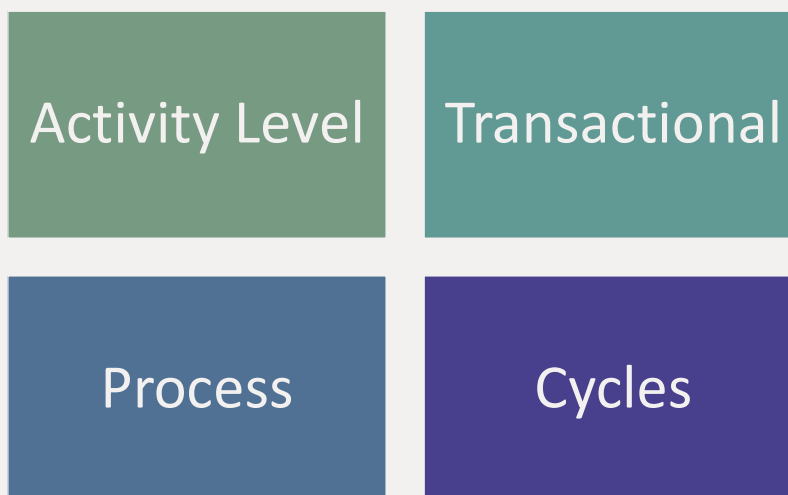
- Principle 5: A reporting process should be in place to solicit input on potential fraud, and a coordinated approach to investigation and corrective action should be used to help ensure potential fraud is addressed appropriately and timely

Fraud Risk Management

- Roles and responsibilities
- Commitment
- Fraud awareness
- Affirmation process
- Conflict disclosure
- Fraud risk assessment
- Reporting procedures and whistleblower protection
- Investigation process
- Corrective action
- Quality assurance
- Continuous monitoring

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Process Level (Financial Reporting)



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Financial Statement Assertions

E/O	Existence / Occurrence	C	Completeness
R/O	Rights / Obligations	V	Valuation
A/C	Accuracy/Classification	CO	Cutoff

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Process Level (Compliance/Operational)

- Regulatory Requirements
 - Compliance Requirements (Single Audit)
- Operational goals
 - KPIs

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Drivers of Inherent Risk



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Risk Assessment



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Assessment

Rankings



Likelihood



Impact

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Identify Desired Response



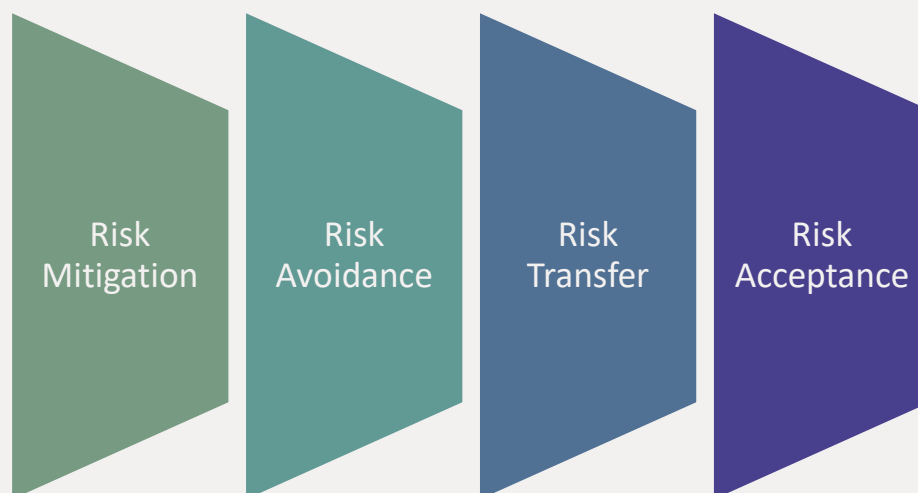
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Do We Need to Address Every Risk?



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Responses



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Control Identification



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Are All Controls the Same?



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Control Identification

Map Controls
to Risks

Documentation

Gap
Identification

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Possible Outcomes

Risk



Evaluate Response

- Documented?
- Understood?
- Performed Consistently?

Risk



Gap

- Identify
- Document
- Evaluate

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Control Assessment



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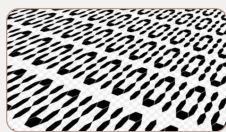
Control Assessment



Walkthrough



Operating Effectiveness



Consistency

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Gap Analysis & Remediation



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Root Cause

Design Deficiency

- Gaps identified
- Not documented
- Lack of evidence

Operating Deficiency

- Controls not being performed
- Controls not understood
- Controls outdated

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Remediation

- Create / Modify Controls
- Training
- Documentation
- Establish Buy In

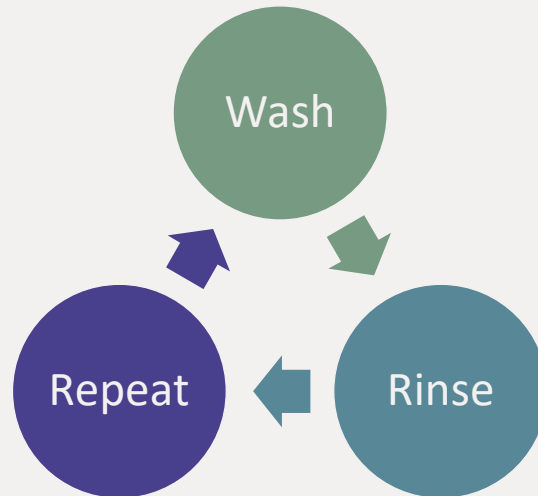
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What's Next?



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Do It Again!



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3, 2, 1 Method of Applying New Knowledge

3 things I learned

2 actions to apply what I learned

1 way I will share my learning



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Let's Keep in Touch



gls.advancecpe.com (*webinar*)



gls.lcvista.com (*on-demand*)



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What Questions Do You Have?



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