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```
mirror_mod.use_z = False
elif_operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True
```

```
mirror_ob.select=1
modifier_ob.select=1
bpy.context.scene.objects.active = modifier_ob
print("Selected" + str(modifier_ob)) # modifier ob is the active
```

```
#mirror_ob.select = 0
#bpy.context.scene.objects.active = mirror_ob
```

SOC for Cybersecurity

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Table of Contents

1. About SSAE 18 and SOC Attestation
2. SOC Reports for Cybersecurity
3. Rising Cybersecurity Challenges
4. Why SOC Reports for Cybersecurity
5. Cyber Threats
6. Cyber Response
7. Why CPA for Cyber Risks
8. AICPA Cybersecurity Reporting Framework
9. Optional Frameworks-NIST
10. Optional Frameworks-ISO27001
11. Assurance for Cybersecurity
12. SOC for Cybersecurity Benefits
13. How Can we Help

About SSAE 18 and SOC Attestation

Effective May 2017, the new service organization reporting standard is Statement on Standards for Attestation Engagements (SSAE) No. 18, supersedes the SSAE 16, and other SSAE, AT Standards. The earlier standard was Statement on Auditing Standards SAS 70 concerning the professional guidance on performing the service auditor's examination for Service Organizations. This was in line with the global standard called the International Standard on Assurance Engagements (ISAE) issued by the International Auditing and Assurance Standards Board (IAASB).

The new SSAE 18 standard is pronounced by the American Institute of Certified Public Accountant (AICPA) for use of all attest engagements including for a service organization. The SSAE 18 –SOC criteria are used to evaluate the internal control environment of a service organization as part of a financial statement audit of the user organization under AT-C 320. SOC now stands for "System and Organization Controls". Formerly it was "Service Organization Controls". The Service Auditor is to report on controls implemented and/or operating effectively at the Service Organization.

The standard requires organizations to demonstrate controls in operations and its design to achieve objectives set forth. SOC report is attested by an Independent Auditor. The auditors are subjected to training, continuous professional education by the AICPA. Further, the engagements are subject to peer reviews periodically. The standard provides for two types of reporting Type I and Type II.

The logo consists of a solid blue rectangular background. The text "SOC" is positioned at the top in a large, white, sans-serif font. Below it, the word "for" is written in a smaller, white, sans-serif font, followed by the word "Cybersecurity" in a larger, white, sans-serif font.

SOC Reports for Cybersecurity

In 2017 AICPA has developed a cybersecurity reporting framework that organizations can use to demonstrate to key stakeholders the extent and effectiveness of an entity's cybersecurity risk management program. A critical element of any cybersecurity risk management program is the formulation of objectives by management. Management establishes cybersecurity objectives that address cybersecurity risks that could affect the achievement of the entity's overall business objectives (including compliance, reporting, and operational objectives). They may vary depending on the environment in which the entity operates, the entity's mission and vision, the overall business objectives established by management, risk appetite and other factors.

Rising Cybersecurity Challenges

Cybercrime is a \$6 Trillion Industry

63% incidents relate to negligence

\$11.45 Million is total average cost of insider related incident

Less than 50% of organizations have an Internal Audit and Assurance program for Data Privacy

Source Ponemon Institute 2020 report and others

Top Cloud Challenges

1

Misconfiguration and Inadequate Change Control

2

Lack of Cloud Security Architecture and Strategy

3

Insufficient Identity, Credential, Access And Key Management

4

Insider Threat

5

Weak Control Planes

6

Abuse and Nefarious Use of Cloud Services

7

Insecure Interfaces and APIs

8

Account Hijacking

Why SOC for Cybersecurity

Systems security is no longer an issue that resides solely with the IT department and Chief Information Officer(CIO). In this age, it is imperative that executives and boards take a top-down, bottoms-up and organization-wide approach to cybersecurity. It provides an understanding of security risks, approaches and responses to addressing this threat. In addition, it incorporates essential elements from a framework developed by the American Institute of CPAs that you can use to develop an effective cybersecurity risk management program and ensure the continued success of your organization.

Cyber risk has become a front-and-center issue in today's global economy. The media is rife with reports of cyberattacks ranging from major customer records thefts and health care records breaches, cloud risks to political incidents. Unfortunately, we are living in a world where the risk of a cyber intrusion is no longer a question of if, but a question of when. In fact, according to the World Economic Forum (WEF) Global Risk Report, data fraud or theft, and cyberattacks rank as top threats on their list of Top Ten Risks in Terms of Likelihood.

A WEF article suggested — “responsive and responsible leadership”:

1. Be proactive, prevent threats and prepare yourself.
2. Educate your people.
3. Promote cyber resilience.

Cybersecurity brings extraordinary challenges. Organizations face varying threats with varying impacts—all in an environment marked by rapid technological change. What's more, various stakeholders must gather information and converse about cybersecurity between and among each other.

The nature of cybersecurity challenges requires that every sector of the economy play a role. While government policy and activity will be important in promoting cybersecurity resilience, the energy, agility, and innovation of the private sector must be harnessed as well. The auditing profession will do its part by playing a key role in helping organizations—public and private—adapt to this challenging landscape. Given the high-profile nature of cyberattacks on corporations, both the demand for information related to cybersecurity—and the need to facilitate robust conversations on these topics—have grown exponentially across major stakeholder groups.

Board members: Boards of directors need information about the entity's cybersecurity program and the cyber threats facing the entity to help the boards fulfill their oversight responsibilities. They also want information that will help them evaluate the entity's effectiveness in managing cybersecurity risks.

Cyber Threats

Many organizations that transact business today are susceptible to a cybersecurity breach. Why? One key reason is that cybersecurity threats emerge from a diverse and growing number of sources.

Cybercriminals seek to steal data from organizations to use it for quick, unlawful financial gain.

Nation-states may launch cyber-attacks to conduct economic espionage or to fulfill geopolitical objectives (or both).

Employees, unfortunately, are all too often a source of compromised security access. Even when organizations and employees have the best of intentions, unintentional security lapses can occur when employees use basic passwords or succumb to phishing emails and other seemingly genuine correspondence. These types of internal threats heighten the need for better internal controls, training, and monitoring of compliance within an organization's

Investors: When making investment decisions, analysts and investors need information about an entity's cybersecurity measures. This information can help them understand the cybersecurity risk that could threaten the achievement of the entity's operational, reporting, legal, and regulatory objectives—which each can have implications for an entity's market value. own system.

Regulators: Regulators may benefit from information about an entity's cybersecurity risk management program to support their oversight role.

Business partners: Business partners may need information about the entity's cybersecurity risk management program as part of its overall risk assessment. This information can help them determine matters such as the entity's ability to provide goods/services in the event of a disruption to its IT systems.

Complicating all these threats is the fact that technology continues to evolve rapidly. As organizations have hardened their security defenses, adversaries have shifted to new tactics and targets, requiring organizations to continuously evolve their cybersecurity risk management programs.

As threats multiply and technology evolves, the consequences for stakeholders vary in turn. For investors, consequences of a cybersecurity breach can include loss of business or public trust that can reduce the value of their investment. Customers and business partners may face denial of access to products and services due to an attack or have to grapple with disclosure of their confidential information.

Cyber Response

Previously, most companies relegated all things “cyber” to the IT department. Today, the trend has shifted, and C-suites and boards of directors are increasing their oversight and accountability for cyber risk. As recognition grows that cyber risks also come from personnel practices, supply chain management, and operational decisions, a more enterprise-wide approach to managing these risks is evolving. Senior management, with board oversight, is taking on more of the challenging work of developing a comprehensive cybersecurity risk management program, including an effective internal control structure that responds to the identified threats and the evolving cybersecurity risk environment.

As management and boards endeavor to determine their responsibilities related to cybersecurity, many organizations are still working towards the most comprehensive and effective cybersecurity risk management structure. Just a few years ago, management and boards had limited resources in designing a framework for risk identification, response, control design and implementation, assessment, and recovery. Now, there are several leading frameworks as well as numerous standards, methodologies, and processes that have been put forth by federal and state governments, industry specific groups, independent agencies, and other stakeholders.

These frameworks exist to aid companies in designing cybersecurity controls specific to cybersecurity risks. AICPA’s cybersecurity reporting framework facilitates the ability of a company to describe, in a common language, their enterprise-wide cybersecurity risk management program.

Why CPA for Cyber-Risks

In approaching cybersecurity, CPA firms offer key strengths:

Core CPA values and attributes: Adhering to core values of independence, objectivity, and skepticism, Certified Public Accountants (CPAs) are viewed by management and boards as trusted advisors who have a broad understanding of businesses, who receive appropriate annual training, who comply with a code of ethics, and who are subject to rigorous external quality reviews.

Experience in independent evaluations: Audit firms have deep experience in independent evaluations, with the most common example being the financial statement auditor's opinions, required by US federal law for most public companies, on the audits of financial statements and internal control over financial reporting (ICFR). Additionally, many CPA firms have built substantial information technology (IT) practices that provide attestation and advisory services to entities on IT security-related matters and the effectiveness of IT security controls.

Multidisciplinary strengths: Today's public accounting firms employ individuals with CPAs as well as other credentials specifically related to information technology and security. These include Certified Information Systems Security Professionals (CISSP), Certified Information Systems Auditors (CISA) etc.

AICPA Cybersecurity Reporting Framework

The AICPA's cybersecurity reporting framework has been developed to provide the market with a common approach to reporting on and evaluating a company's cybersecurity risk management program. A common and consistent approach for companies to report information about their cybersecurity risk management program, once established and accepted in the market, could potentially reduce industry and other regulatory compliance requirements that can

- distract company resources away from cybersecurity risk management and
- burden companies with checklist compliance exercises that are typically ineffective responses to advancing data security threats.

Widespread market consensus around a given approach can aid in establishing a uniform, cross-industry methodology to evaluating a company's cybersecurity risk management program.

Key components of the reporting framework

This reporting framework represents a major step forward in addressing cybersecurity challenges. The reporting framework provides the user with three key pieces of information that, taken together, can greatly enhance the confidence that a user can place on the cybersecurity information provided by management.

Management's Description of the Entity's Cybersecurity Risk Management Program. Management will provide potential users with a description of an entity's cybersecurity risk management program. Management will utilize suitable description criteria in developing Management's



The Description Criteria are categorized into nine areas so that Management's Description provides users with information about an entity that will enable them to better understand the entity and its cybersecurity risk management program. Management's Description will include information about the entity's operations, how the entity identifies its sensitive information and systems, the ways in which the entity manages the cybersecurity risks that threaten it, and a summary of cybersecurity controls processes. Management's Description is intended to provide the context needed for users to understand the conclusions expressed by management in its assertion, and by the auditor in its opinion.

Description of the subject matter, and for CPAs in evaluating the description. The AICPA's Description Criteria for Management's Description of an Entity's Cybersecurity Risk Management Program (Description Criteria) has been designed to be suitable criteria.

Nine areas are:

- Nature of Business and Operations
- Nature of Information at Risk
- Cybersecurity Risk Management Program Objectives (Cybersecurity Objectives)
- Factors that Have a Significant Effect on Inherent Cybersecurity Risks.
- Cybersecurity Risk Governance Structure
- Cybersecurity Risk Assessment Process
- Cybersecurity Communications and the Quality of Cybersecurity Information
- Monitoring of the Cybersecurity Risk Management Program
- Cybersecurity Control Processes



Management Assertion

Management will assert to the presentation of the Management’s Description of the entity’s cybersecurity risk management program in accordance with the description criteria, and whether the controls within the cybersecurity risk management program were effective to achieve the entity’s cybersecurity objectives based on a suitable set of control criteria. One example of suitable control criteria is the 2017 Trust Services Criteria (criteria for security, availability, confidentiality, processing integrity and privacy).

The CPA’s Opinion. The CPA’s Report contains an opinion on

- the description of the entity’s cybersecurity risk management program (Type 1 Report) and
- the effectiveness of the controls within the program to achieve the entity’s cybersecurity objectives (Type 2 Report)

The cybersecurity reporting framework is objectives based and voluntary. Of course, the Examination cannot prevent a cybersecurity threat or breach, nor is it designed to. It can, however, add substantial credibility to assertions made by management about their cybersecurity risk management program to protect information and data, thereby increasing stakeholder confidence.

The reporting framework and its accompanying Examination would be separate and apart from the existing financial statement audit process.

		
2017 Trust Services Criteria (TSC)		
TSC Ref	Criteria	Points of Focus
CONTROL ENVIRONMENT		
CC1.1	COSO Principle 1: The entity demonstrates a commitment to integrity and ethical values.	<p>Sets the Tone at the Top—The board of directors and management, at all levels, demonstrate through their directives, actions, and behavior the importance of integrity and ethical values to support the functioning of the system of internal control.</p> <p>Establishes Standards of Conduct—The expectations of the board of directors and senior management concerning integrity and ethical values are defined in the entity’s standards of conduct and understood at all levels of the entity and by outsourced service providers and business partners.</p>

Illustrative

Objectives of the AICPA'S Reporting Framework

Provide useful information to a broad range of users, while minimizing the risk of creating vulnerabilities — Information provided in the report would meet the shared needs of a broad spectrum of users.

Provide comparability — The report provides users with information that could be used to compare both with other organizations and for the same organization across time.

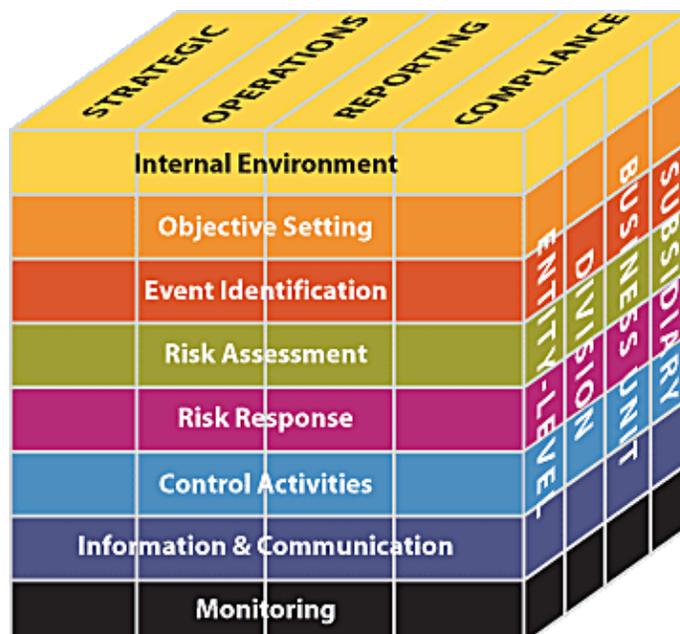
Permit management flexibility — The framework would not constrain management to a particular cybersecurity description or control framework.

Connect the dots on best practices — The framework enables management to consider best practices encouraged by most commonly used control and cyber frameworks regardless of which framework(s) management has chosen to follow internally.

Be voluntary — The framework is valuable to organizations and their stakeholders to drive adoption in the marketplace.

Be scalable and flexible — The framework is useful to organizations of varying sizes and across all industries.

Evolve to meet changes — The framework will be updated and modified over time based on marketplace adoption, a changing environment, and organizational and stakeholder needs.



Optional Frameworks

The following are the various optional frameworks that can be used for SOC reporting for Cyber Risk Management.

New 2017 Trust Services Criteria (TSC) with COSO: This guidance is used in reporting on SOC engagements. The 2017 edition revises the TSC to align with the Committee of Sponsoring Organizations of the Treadway Commission's (COSO's) 2013 Internal Control—Integrated Framework, to better address cybersecurity risks and increase flexibility in application across an entire entity, including at a subsidiary, division, or operating unit level within a function relevant to an entity's operational, reporting, or compliance objectives.

NIST Framework for Improving Critical Infrastructure Cyber Security

A 2013 Presidential Executive Order called for the creation of a voluntary, risk-based cybersecurity framework that would provide a set of industry standards and best practices for all organizations. The resulting NIST framework came together with collaboration between industry and government. Organizations can turn to the C³ Voluntary Program, which was created to help organizations use the NIST Cybersecurity Framework to improve their cyber resilience. According to the United States Computer Emergency Readiness Team, the program connects organizations with public and private sector resources that align to the NIST Framework's five functional areas: Identify, Protect, Detect, Respond, and Recover.

ISO/IEC 27001/27002

Published by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), this group of standards is intended to be used as guidance for securing financial information, intellectual property, employee data, and other information entrusted to the organization by third parties.



Assurance for Cybersecurity Compliance

The SOC 2 compliance report provides an assurance to the internal and external stakeholders of the organization, the specific controls implemented and/or operating effectively for complying with the applicable framework for cybersecurity. A single SOC 2 report can provide information about the organization's controls over cybersecurity based on the AICPA's Trust Services Criteria or any specific framework chosen. This SOC 2 can provide service organizations the ability to increase transparency and communicate through a single deliverable to customers, business partners, and stakeholders both in and outside the organization. Organizations should also demand a SOC 2 report from their business associates, CSP's and other third-parties or vendors. to understand and to have an assurance over the controls implemented and operating effectiveness of the relevant controls covering cybersecurity.

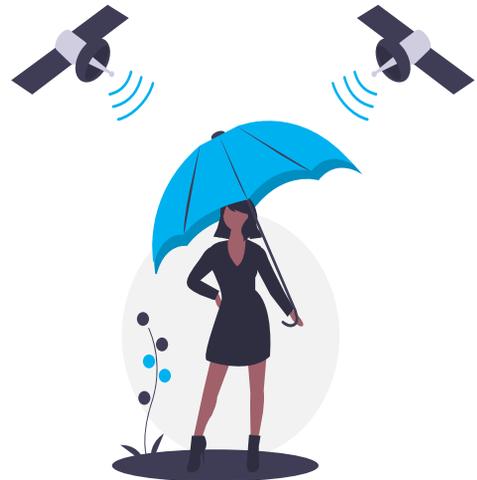
SOC for Cybersecurity

- SOC 2 Type 2 can cover the entire year and the effectiveness of the controls in place.
- It is a Third-Party Period-of-Time assessment and so has Accountability.
- Most other assurance programs or audits are only, at a point in time.
- Since it is a period assessment, it is more like a continuous compliance with low risk and high reliability.
- Comprehensive Framework by AICPA.
- Provides a high reliability SOC 2 Seal by AICPA.



We Can Help With Your Cybersecurity

We provide end to end SOC 2 examination report for cybersecurity. We can cover all key requirements to provide an assurance of your cybersecurity framework compliance. In a SOC 2 compliance engagement for cybersecurity, we can additionally cover any specific framework discussed in this document to address your needs. Our unique delivery method improves timelines and thus reduces costs of your compliance. Our proven methodology saves times as well as costs thus giving you the benefit of timely assurance towards privacy compliance with reasonable costs.



Our Value Delivery

- 1 Experienced team in the area of Cyber Security.
- 2 Licensed CPA, Firm registered with PCAOB and Cloud Security Alliance.
- 3 Project management methodology applied to each engagement. These engagements are executed by senior professionals.
- 4 Prompt services with engagements completed in record time.
- 5 Ongoing support. We are with you whenever you need us.
- 6 Our services are competitively priced to provide you a higher ROI.