ONSIDE SECURITY

Segregation of Duties: A Cybersecurity Safeguard

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PANOPTIC CYBERDEFENSE™



What is Our Risk Appetite

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What Are The Risks?

Potential Fraud

Human Errors

Security Breaches

Information Theft

Circumvention of Security Controls

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Segregation of Duties

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Segregation of Duties

Reduce the likelihood of fraud

Limits abuse and errors

Detect and prevent security breaches

Catch and prevent information theft

Remove the ability to bypass security controls

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Goal in Segregation of Duties

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So what do our goals look like?

Take away the ability for individuals to have conflicting duties

Remove the responsibility for reporting on themselves or their superiors

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Test Your Segregation of Duties

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Test your Segregation of Duties

Can any one person alter, destroy or steal data without being detected?

Does any one person have influence over controls design, implementation and reporting of effectiveness of those same controls?

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Segregation of Duties: A Cybersecurity Safeguard



Achieving Your Goals

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How to?

 Designate an individual responsible for each of your security processes and the process owner's and report to audit committee chair.

2. Use a 3rd party to monitor security, conduct surprise security audits and security testing.

3. Have an individual (CISO) responsible for IS report to the board of directors.

4. Have an individual (CISO) responsible for IS report to audit committee as long as internal audit committee doesn't report to CFO.



Importance of Segregation of Duties

Importance Workplace **Values** STAL



Importance of

SoD

All businesses bound by FFIEC involve control techniques surrounding SoD and are subject to review by external auditors.

FFIEC calls out GRC at the corporate leadership level and then again at the IT management level.



Chain of Custody

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Take Away...

Go back to the test

There is help from 3rd party vendors

Know your Risks and control your chain of accountability



Management Layers

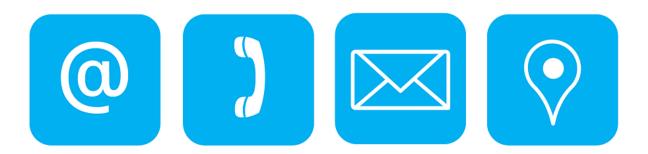
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Trust but Verify



Thank You

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