Acct AIS Cheat Sheet

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AIS

Control Activities	
	preventative
	detective
	corrective
Control Frame Works	
COBIT	Control Objectives for Information and Related Technology
NIST	US National Institute of Standards and Technology
HIPPA	Health Insurance Portability and Accountability Act
PCI DSS	Payment Card Industry Data Security Standard
CIS	Center for Internet Security
GDPR	General Data Protection Regulation
COSO Internal control	The Committee of Sponsoring Organizations of the Treadway Commission

Internal Controls == **process** designed to provide **reasonable assurance** regarding **operations, reporting** and **compliance**

Conversions

Strategy in Risk order	
Direct conversion	**nightmare situation**
Phased conversion	Rollout modules systemwide but not whole system
Pilot conversion	Single area implementation before full roll out
Parallel conversion	Run both concurrent
Testing	
Unit tests	component/ function in isolation

Conversions (cont)

Integration tests	ensure that the modules are talking to each other correctly
System tests	whole system functionality validation
User acceptance test (UAT)	confirm that it meets the business requirements
Performance tests	assess max load system speed and responsiveness
Security tests	id data vulnerabilities
Regression tests	no lost functionality with updates

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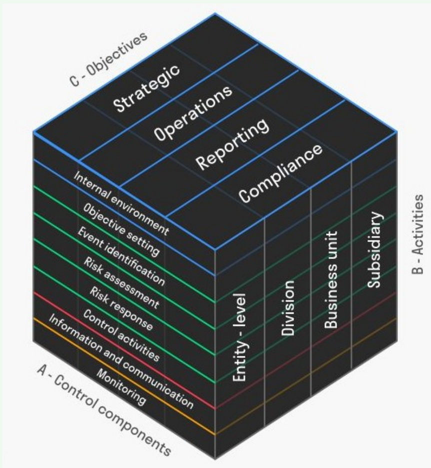
COSO Cube



TOP ➔ Objectives
SIDE ➔ Organizational
FRONT ➔ Components

CRIME =
-Control Activities
-Risk Assessment
-Information and communication
-Monitoring
-*Environment* (most important)

Architecture

Centralized	connects ALL users to one location
Decent-ralized	MULTIPLE locations that each maintain a copy of the data
Distributed	all the users and systems are directly connected to one another
ERP	
Enterprise Resource Planning	
Why?	Improve data integrity and transparency
	Automate routine business processes
	Enhance operational efficiency
	Supports scalability and future growth
6 common modules	
	Financial accounting
	SCM (Supply Chain Mgmt)
	Production
	CRM (Customer Relationship Mgmt)
	Sales management
	Human Resources Mgmt (HRM)

SOCs

SOC 1	
Purpose	controls over financial reporting
	Internal Control over Financial Reporting (ICFR)
Users	auditors and financial statement users
SOC 2	
Purpose	controls over non-financial (operational) controls
Users	Limited to parties stated in the report
SOC 3	
Purpose	General Use Report
	simplified version of the SOC2 report
Users	Interested Parties

SOCs (cont)

SOC 1 Type 1
We have financial controls
SOC 1 Type 2
We have financial controls and we can prove that they are working
SOC 2 Type 1
We have operational controls @ pit
SOC 2 Type 1
We have operational controls and it has been tested over time