

# Auditing Information Technology in the Boundaryless Enterprise

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# Risk Based Approach

- Exposure is risk minus controls
- IT Governance
- What does the BOD want



# What drives risk?

- Customer impact and branding
- Cost
- Technology
- Historical events
- Regulatory environment
- Inherent conditions
- Externalities

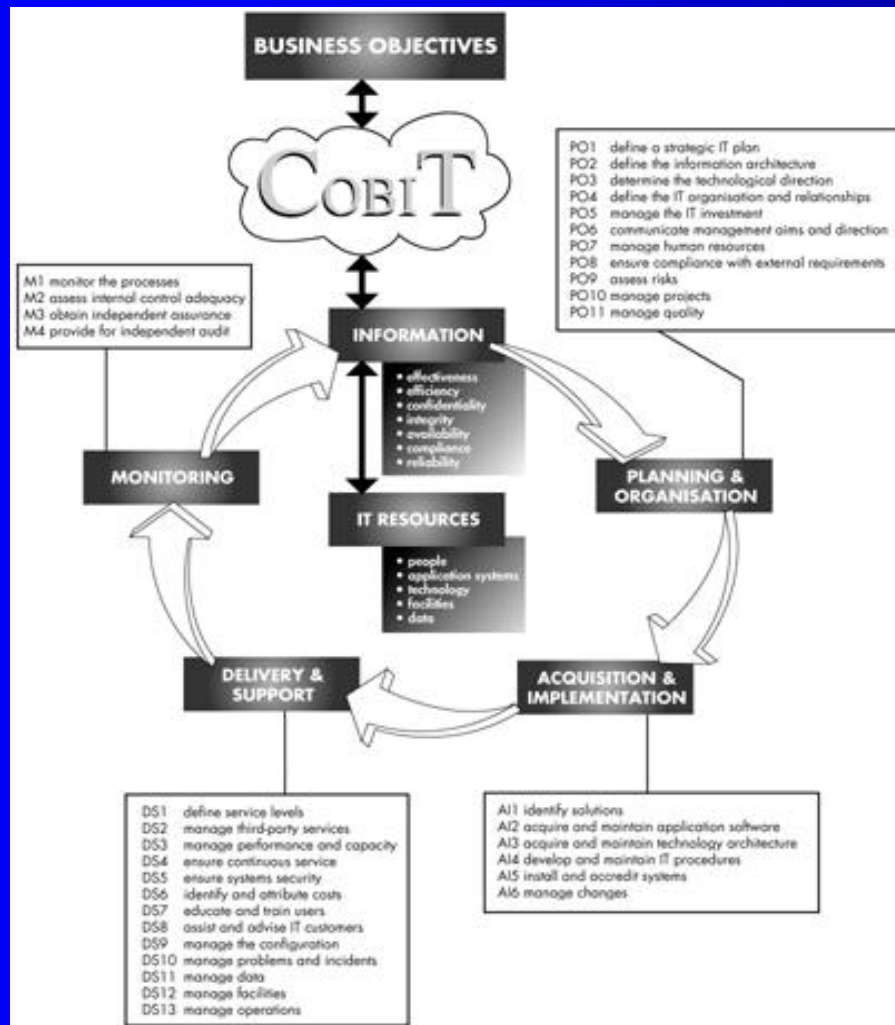


# Assessment and Measurement

- Need a framework
- CobiT



# The Framework



- Starts with business processes
- Breaks IT environment into understandable units
- Matches requirements with technology

# Risk Assessment Process



- Mirrors IT Governance
- Risk ranking
- Management input is key
- Mutually agreed upon high risk areas

“Let me guess....you’re Brett, right?”

# Quantify for Clarity and Criticality

- Keep it simple
- BOD understands the need

Criticality	Audit Area	Risk Drivers							Risk Assessment			
		Systems Availability	Data Integrity	Cost	Customer Impact	Brand Name	Outsourcing	Gov't Regs	Prior Audit Issues	Raw Score	Weighted Average	Risk Ranking
	Define a Strategic IT Plan	5	5	5	5	5	5	5	5	40	5.00	1
	Ensure System Security	5	5	5	5	5	5	3	5	38	4.75	2
	Ensure Continuous Service	5	3	5	5	5	5	2	5	35	4.38	3
	Manage Changes	5	5	5	4	4	5	1	5	34	4.25	4
	Manage the IT Investment	5	4	5	5	5	4	3	3	34	4.25	5

# Audit Execution

- High risk areas
- Findings correlated with CobiT objectives and risk ranking
- Corrective action tracking

