

Smart, Creative and Entrepreneurial



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CME 201 TOPIK DALAM IT GOVERNANCE
PERTEMUAN 6-7
PROGRAM STUDI MAGISTER ILMU KOMPUTER
FAKULTAS ILMU KOMPUTER





INDIKATOR

Mahasiswa dapat:

- Memahami manfaat dari Integrated IT Governance Framework
- Memahami Integrated IT Governance Framework and Roadmap
- Memahami contoh strategi bisnis/IT dan best practice tata kelola IT berupa model, framework, dan standar



What is 'IT Governance'?

It is ...

the responsibility of the board and executive

It consists of...

The leadership, organisational structures & processes...

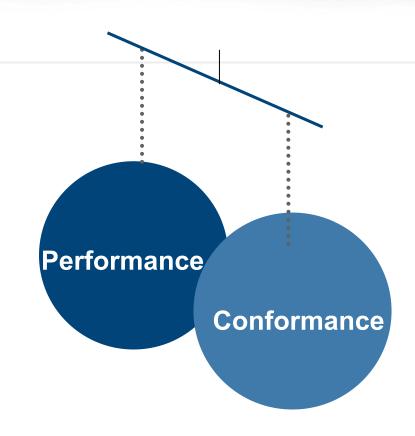
to ensure that the enterprise's IT... sustain and extend organisational strategies & objectives.



Enterprise governance drives IT governance

Enterprise governance is about:

- Conformance
 - Adhering to legislation, internal policies, audit requirements, etc.
- Performance
 - Improving profitability, efficiency, effectiveness, growth, etc.



Enterprise governance and IT governance require a balance between conformance and performance goals directed by the board.



What is the 'governance of outsourcing'?

The responsibilities, roles, objectives, interfaces & controls required...

to anticipate change and ...

manage the introduction, maintenance, performance, costs and control of third-party provided services.



SELECTED CODES, FRAMEWORKS, STANDARDS AND BEST PRACTICES



King III requirements – the link between IT governance practices and law

- Directors' duty of care: ensure prudent and reasonable steps taken re IT governance.
- Corporate governance practices, codes and guidelines lift the bar of what are regarded as appropriate standards of conduct.
- Failure to meet a recognised standard of governance, albeit not legislated, may render a board or individual director liable at law.



King III requirements: IT governance

- IT governance...
 - is the responsibility of the board;
 - should be an integral part of enterprise governance structures;
 - should be owned by the board.
- The board must set the management direction. Required to...
 - assume more significant role in terms of IT governance, and
 - insist on establishment of an IT governance management framework:
 - To be based on a common approach, eg. COBIT.



King III requirements: IT Governance focus areas

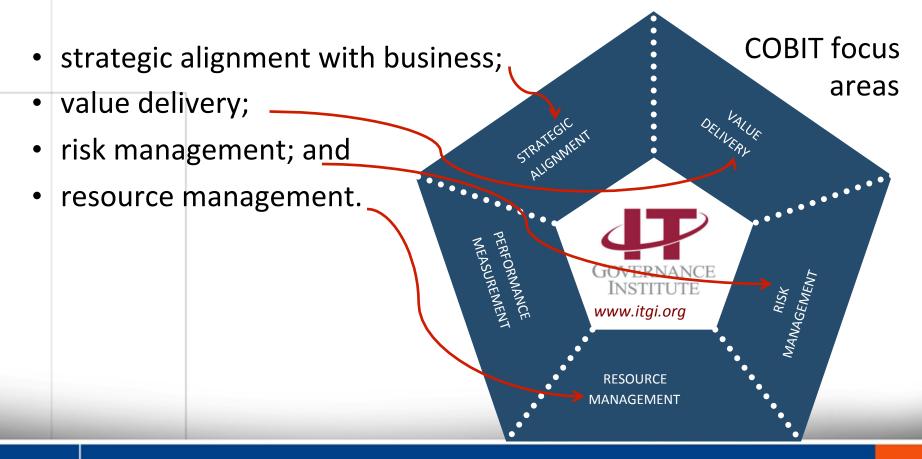
IT governance should focus on four key areas:

- strategic alignment with business;
- value delivery;
- risk management; and
- resource management.



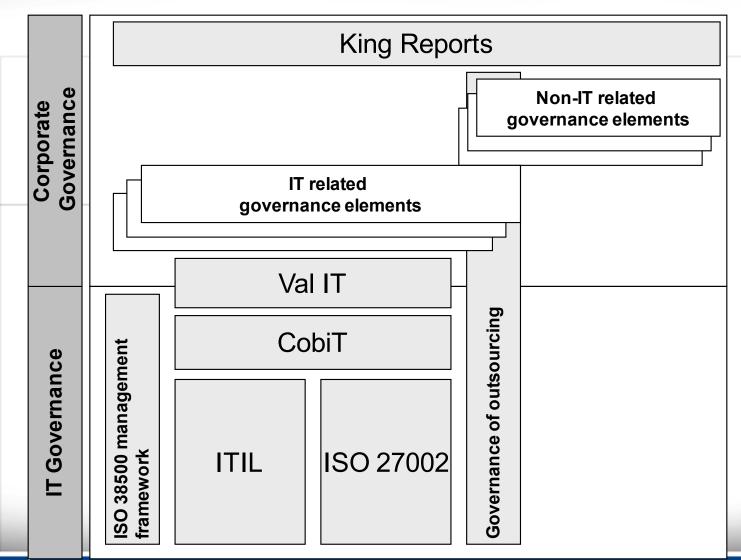
King III requirements: IT Governance focus areas

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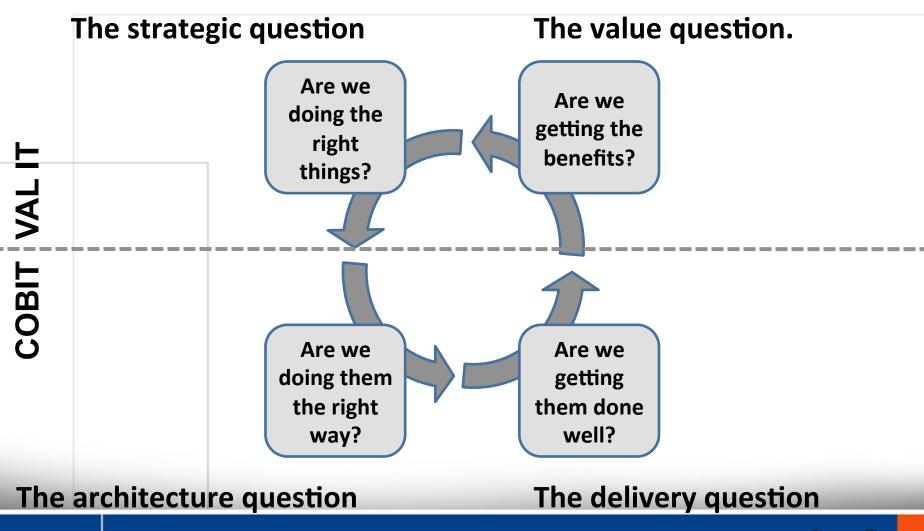


Context: Best Practices





Context: COBIT and VAL IT

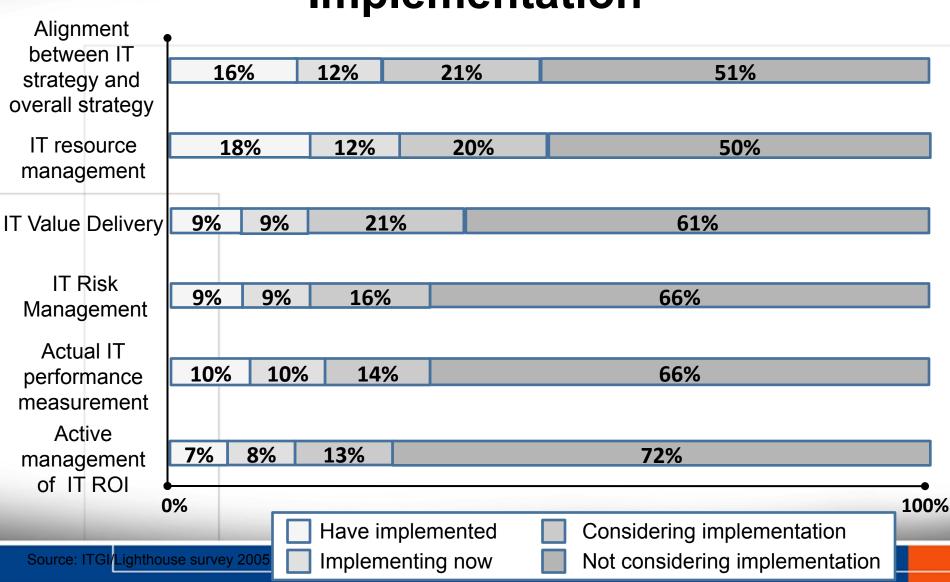




INDUSTRY APPLICATION OF GOVERNANCE CONCEPTS



Status: IT Governance Best Practise Implementation

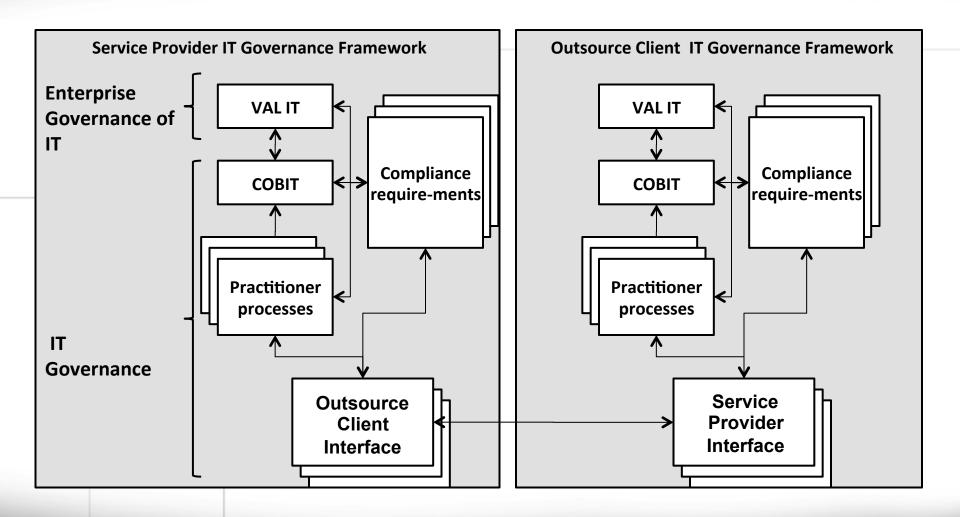




GENERIC GOVERNANCE FRAMEWORK FOR IT AND OUTSOURCING

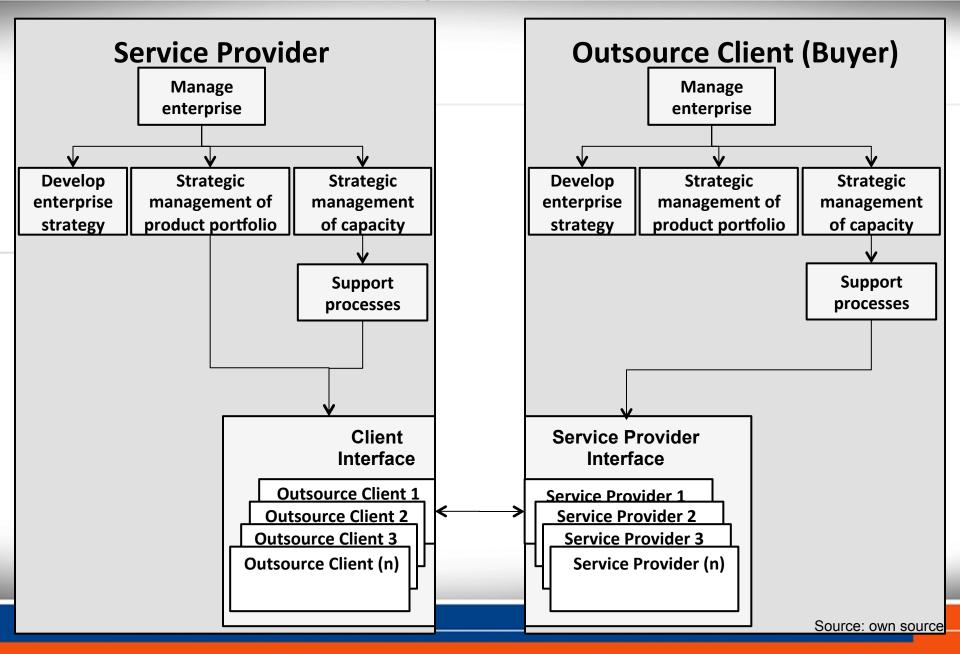


Generic governance model





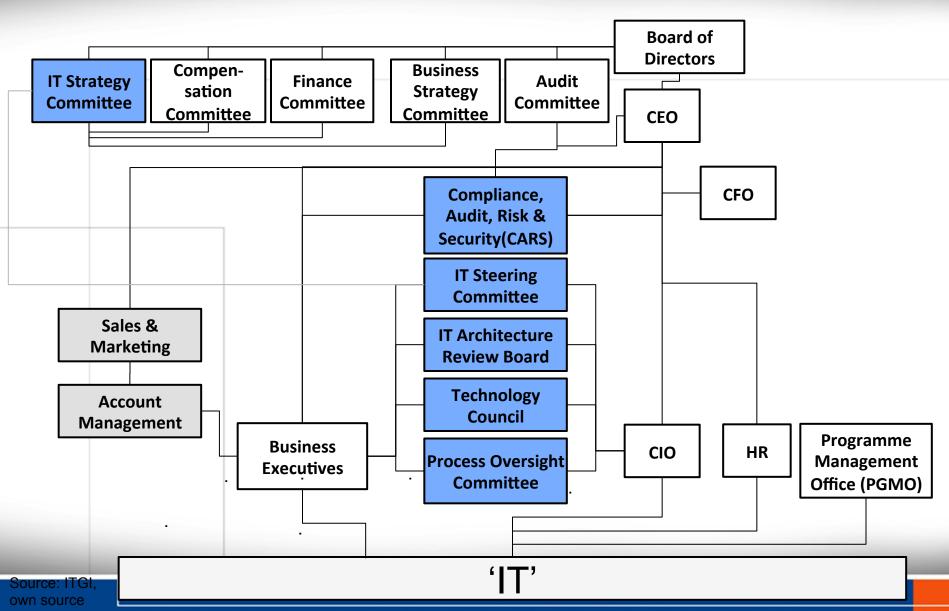
eric process model





Smart, Creative and Entrepreneurial governance interrelationships

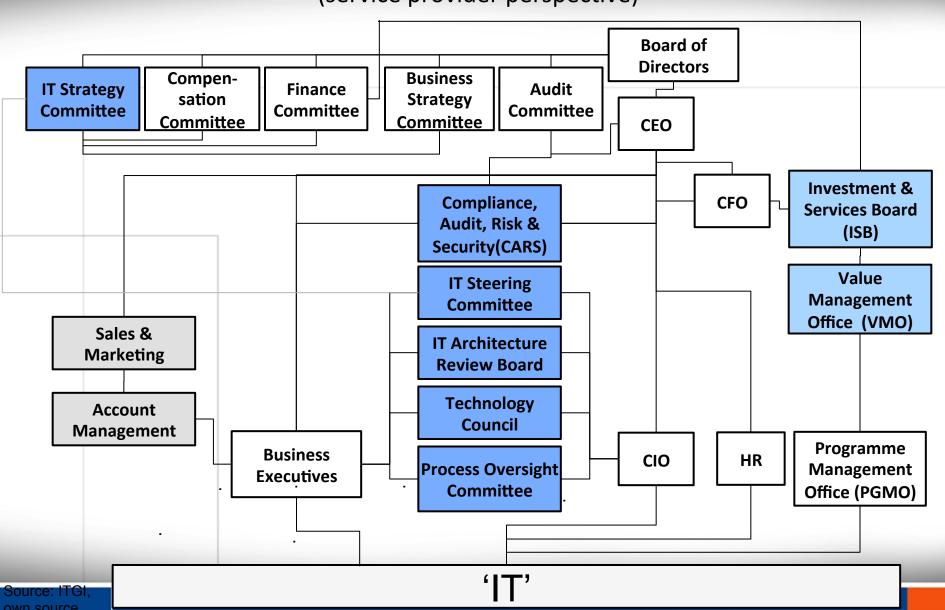
(service provider perspective)





Smart, Creative and Entrepreneurial governance Interrelationships

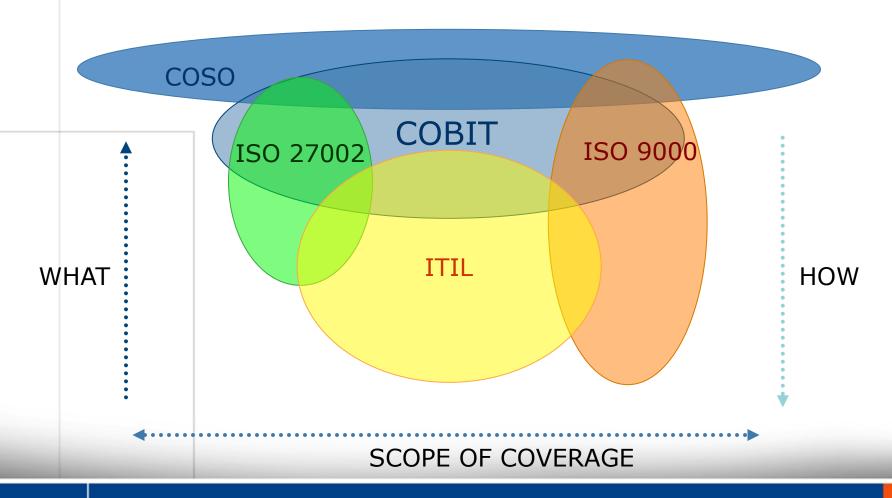
(service provider perspective)





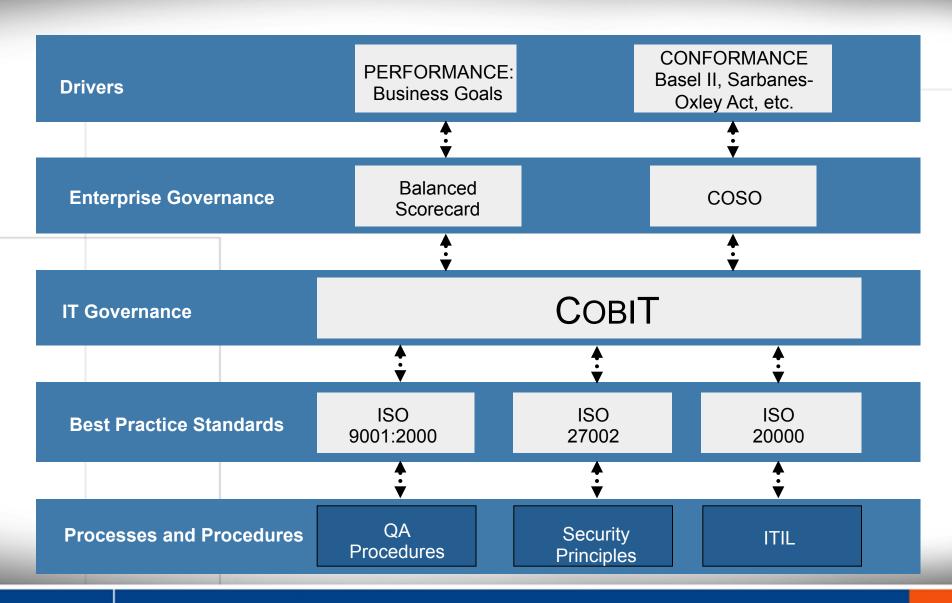
COBIT & Other IT Management Frameworks

Organisations will consider and use a variety of IT models, standards and best practices. These must be understood in order to consider how they can be used together, with COBIT acting as the consolidator ('umbrella').

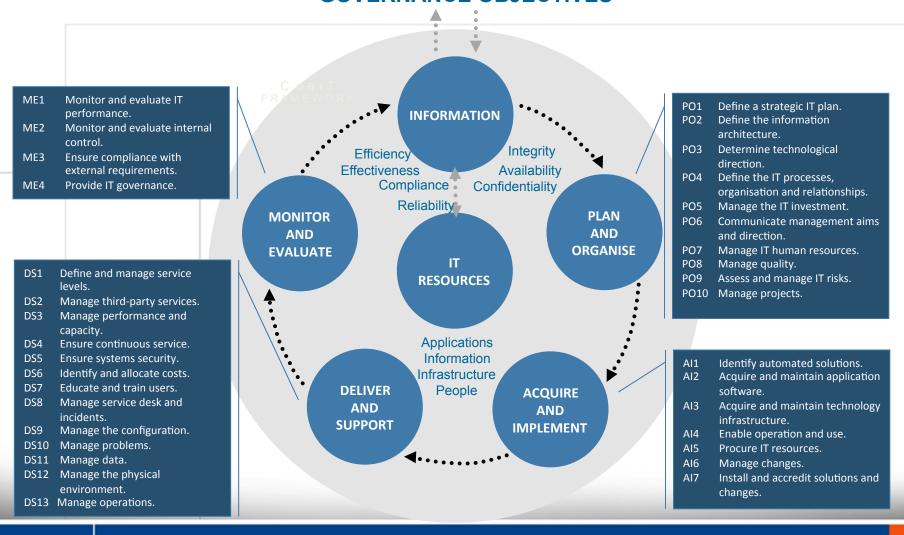




Where Does CobiT Fit?

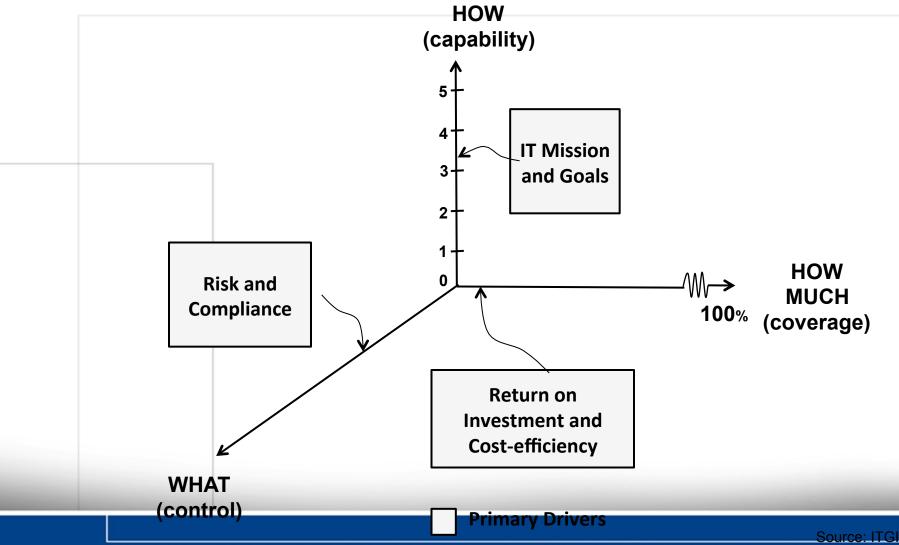


BUSINESS OBJECTIVES AND GOVERNANCE OBJECTIVES





Dimensions of Maturity





VAL IT domains & processes

Value	
Governance	(VG)

Establish informed and committed leadership

Define and implement processes

Define portfolio characteristics

Align & integrate value management with enterprise financial planning

Establish effective governance monitoring

Continuously improve value management practices

Portfolio Management (PM)

Establish strategic direction and target investment mix

and sources of funds

Determine the availability

Manage the availability of human resources

Evaluate and select programmes to fund

Monitor and report on investment portfolio performance

Optimise investment portfolio performance

Develop and initiate the initial programme business case

Understand the candidate programme & implementation options

Develop the programme plan

Develop full life-cycle costs and benefits

Investment Management (IM)

Develop the detailed candidate programme business case

Launch and manage the programme

Update operational IT portfolios

Update the business case

Monitor and report on the programme

Retire the programme

Source: ITGI



Smart, Creative and Entrepreneurial Road map to IT governance

Identify Needs

Raise awareness & obtain management commitment

Define scope

Define risks

Define resources and deliverables

Plan programme

Envision solution

Assess actual performance

Define target for improvement

Analyse gaps and identify improvements

Plan solution

Define projects

Define improvement plan

Implement solution

Implement the improvements

Monitor implementation performance

Review programme effectiveness

Operationalise solution

Build sustainability

Identify new governance requirements



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