



Magister Sistem Informasi Universitas Komputer Indonesia



Introduction: Strategy and Policy of Information System

Dr. Ir. Yeffry Handoko Putra, M.T

E-mail: yeffryhp@yahoo.com

Silabus

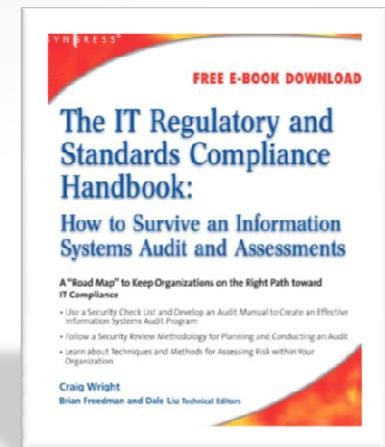
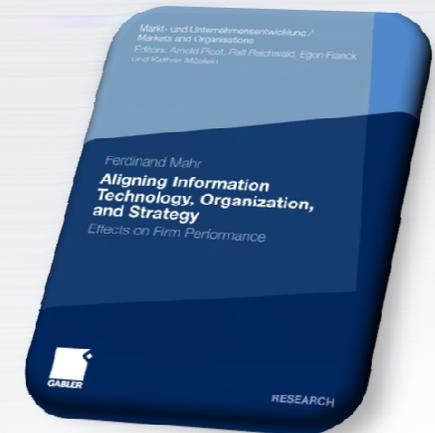
1. Strategy in IT
 - [Clarke] chap 3,
 - [Galliers-Leidner] Part one
 - [Betz] Chap 5, 11
2. Corporate Strategy : [Clarke] chap 2
3. Failure System : [Clarke] chap 4
4. Aligning Strategy: [Clarke] chap 5
5. Diversification : [Betz] Chap 12
6. Competitive Factor
 - [Flodström] 2, 6-9
 - [Clarke] chap 6
7. Planning and Modeling
 - [Clarke] chap 8
 - [Kaplan] Part one
 - [Benson] Chap 9

Silabus

8. Problem and Practice IT Policy Compliance
 - [Creech-Alderman] Part I , il
 - [Coopey] Chap 1
 - [Wright] Chap 1, 7
9. Automation and Tip for IT Policy Compliance
 - [Creech-Alderman] Part III, IV
10. Policy IT in shifting interest and Worker Supply
 - [Coopey] Chap 3
11. Security Policy Development
 - ❖ [Wright] Chap 6, 8
12. Standard and Regulatory
 - [Schoecle] Chap 6
13. Public IT Application
 - Public Admiistration [Garson Chap I
 - E-Government [Garson] Chap VI.

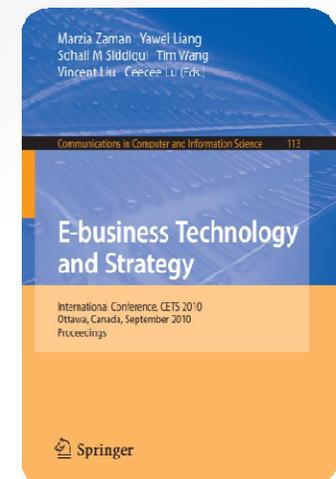
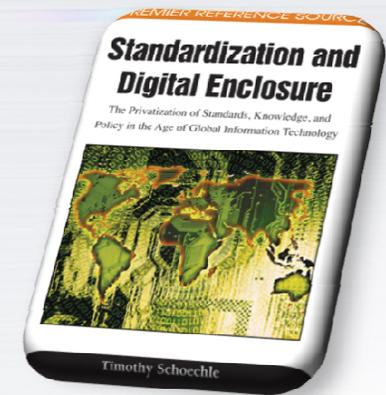
Reference

- ❖ [Clarke] Clarke, S., 2001, Information System Strategic Management: An Integrated Approach, Routledge, London
- ❖ [Galliers-Leidner] Galliers, R.D. and Leidner, D.E., 2003, Strategic Information Management 3rd Edition: Challenges and strategies in managing information systems, Butterworth-Heinemann, UK
- ❖ [Betz] Betz, F., 2001, EXECUTIVE STRATEGY: Strategic Management and Information Technology, John Wiley & Sons, Inc., Singapore
- ❖ [Kaplan] Kaplan, R.S., 1996, The Translation Strategy into Action: Balanced Scorecard , Harvard Business School Press, Massachusetts



Reference (lanjutan)

- ❖ [Creech-Alderman] Creech, J., Alderman M., (2010), IT Policy Compliance, John Wiley & Sons, Inc. West Sussex, UK
- ❖ [Coopey] Coopey, R., (2004), Information Technology Policy, Oxford University Press, New York
- ❖ [Zaman, et.al] Zaman, M., Liang, Y., Siddiqui, S.M., Wang T., Liu, V., Lu, C., (2010), E-Business Technology and Strategy, Springer, Proceeding of CETS, September 2010, Canada
- ❖ [Wright] Wright, C., (2008), The IT Regulatory and Standard Compliance Handbook: How to Survive and Information System Audit and Assesments, Syngress





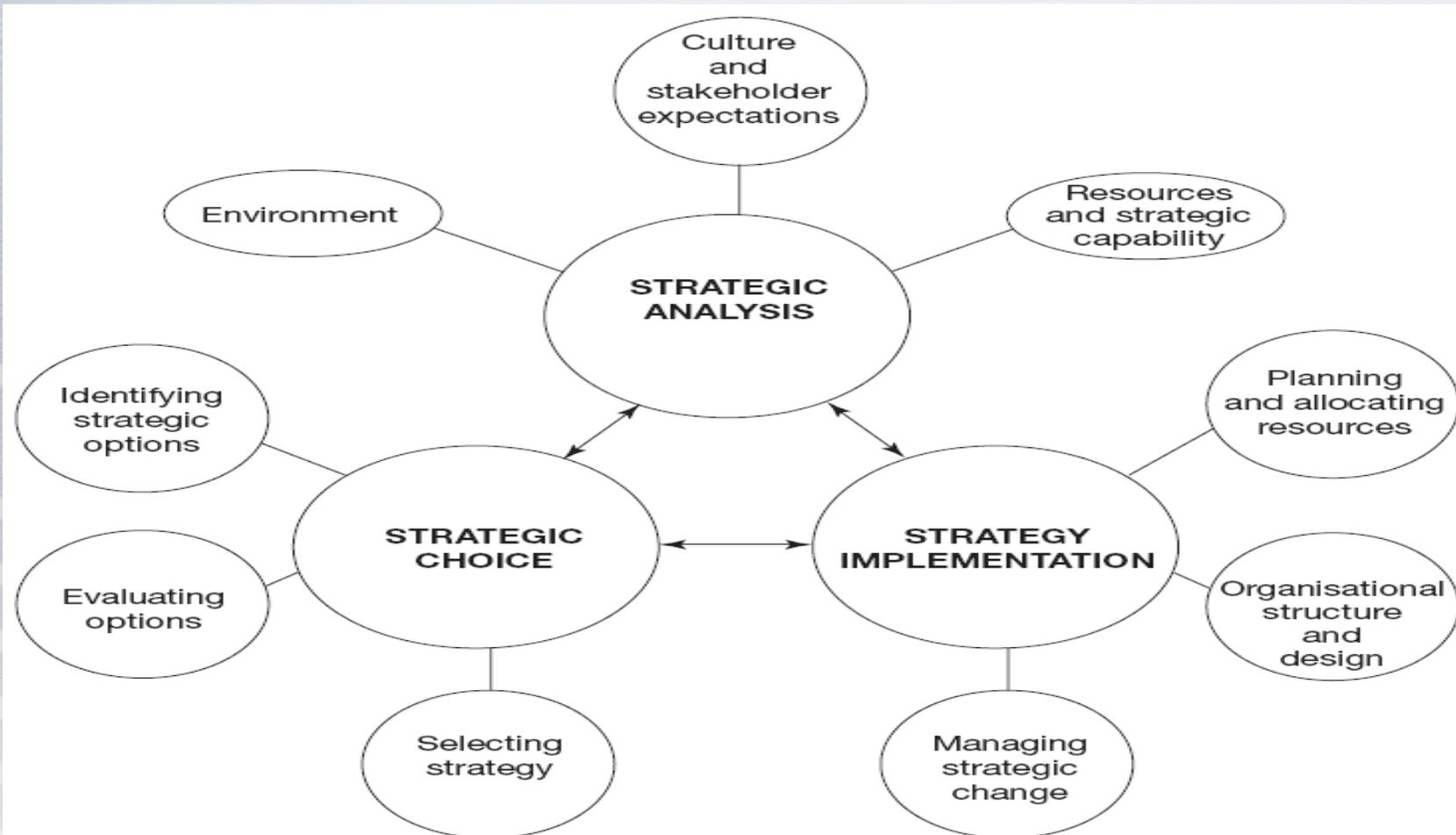
Reference (lanjutan)

- ❖ [Schoechele] Schoechele, T., (2009), Standardization and Digital Enclosure, Information Science Reference, New York
- ❖ [Greenstein] Greenstein, S., Stango, V., (2007) Standard and Public Policy, Cambridge University Press, UK
- ❖ [Garson] Garson, G.D., (2003), Public Information Technology: Policy and Management Issues, IDEA Group Publishing, London
- ❖ [Flodström] Flodström, R. (2006), A Framework for the Strategic Management of Information Technology, Dissertation, Linköpings universitet, Sweden
- ❖ [Mahr] Mahr, (2010), F. Aligning Information Technology, Organization, and Strategy, Dissertation of Ludwig -Maximilians-Universität München, Springer
- ❖ [Benson, et.all] Benson, R.J., Bugnitz, T.L., Walton, W.B., (2004), From Business Strategy to IT Action, John Wiley & Sons, Inc.,

Penilaian

- ❖ Tugas Kecil : 20%
- ❖ UTS/Tugas Pengganti UTS: 40%
- ❖ UAS/Tugas Pengganti UAS: 40%
- ❖ Absensi : 0%

Strategy : The planning view



Simple IT Strategy

Control Spending and Maximize Impact on the Bottom Line

1 Define the Goals

2 Ask the Right Questions

3 Connect to the Bottom Line

4 Understand Costs and Resources

5 Focus on the Right Things

6 Adopt Effective Process to Produce Action

7 Tackle the Practical Problems

8 Make the Right Decisions

9 Plan for the Right Results

10 Keep Score

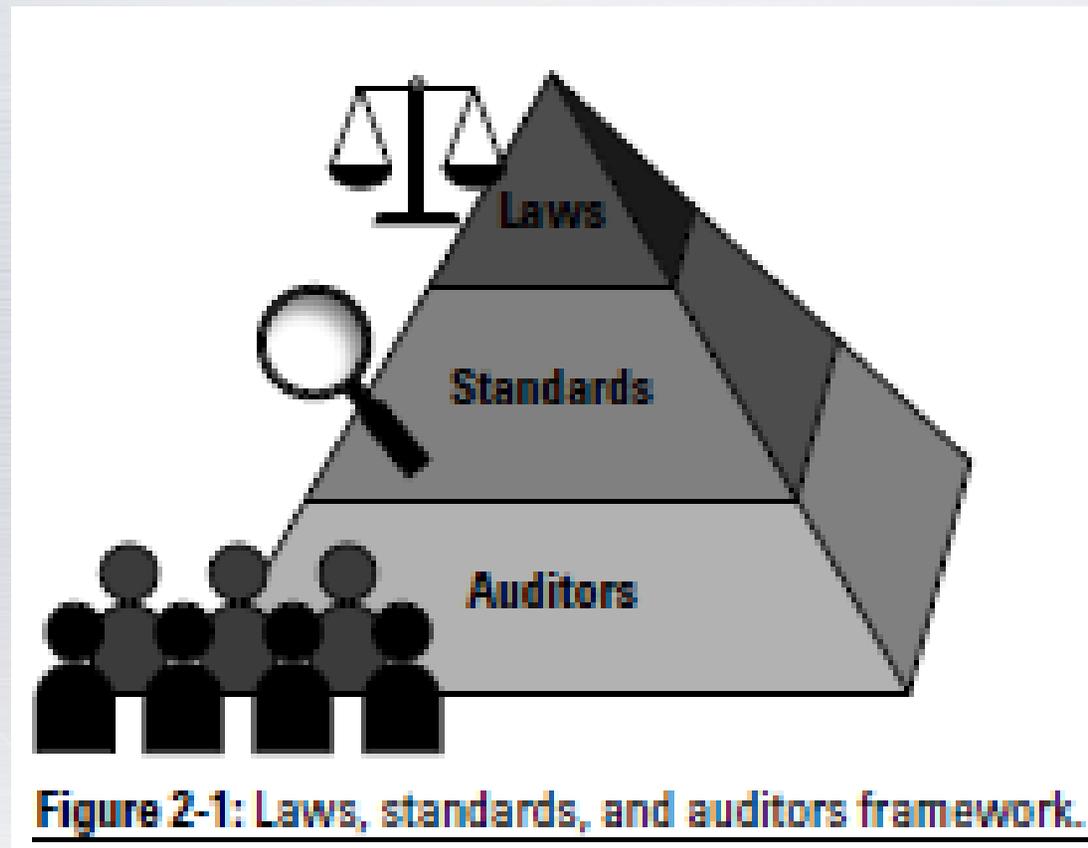
11 Deal with Culture

12 Chart the Path to Implementation

13 Define What's Next

14 Answer the "So What?" Question

Context of IT Policy



Simple IT Policy Compliance: 'Choosing Carrot or Stick'

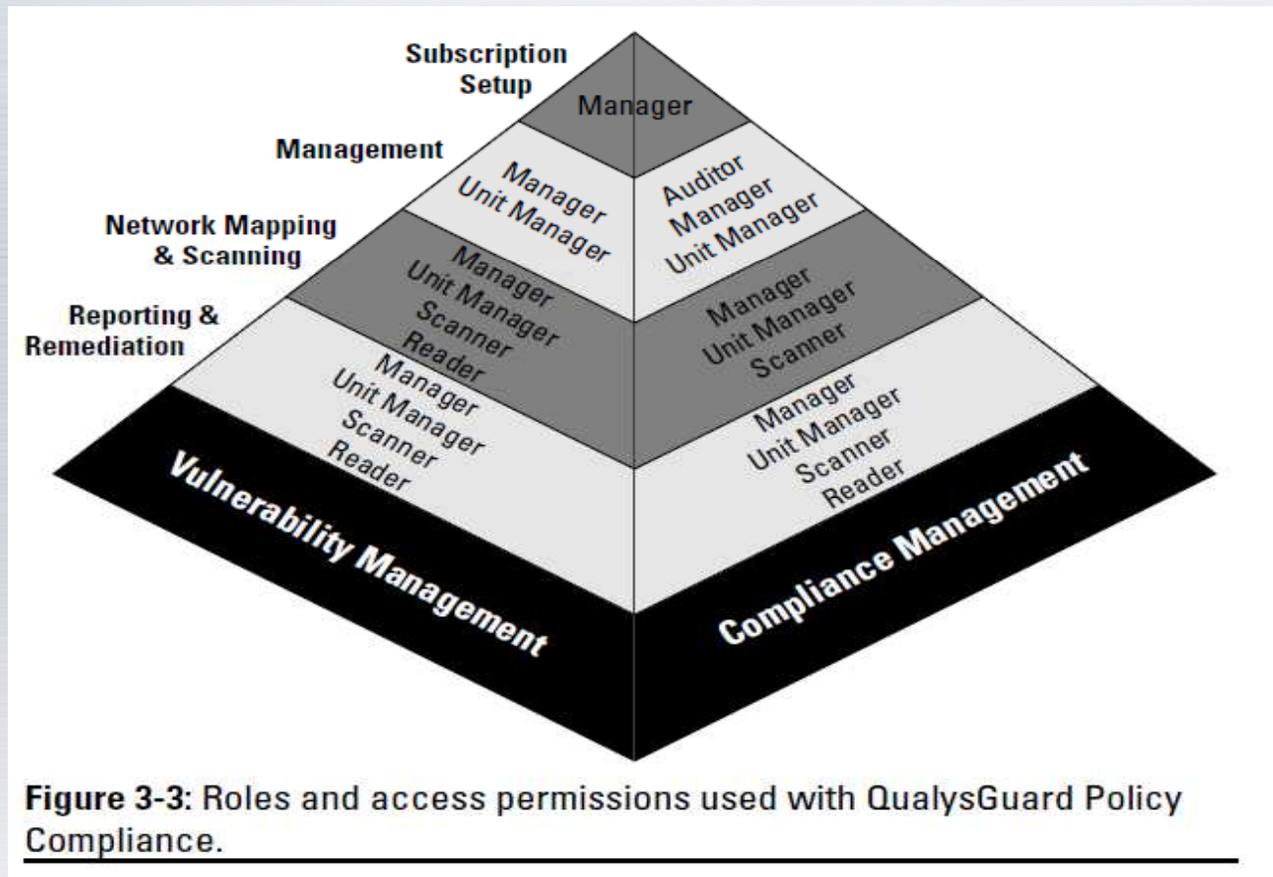


Figure 3-3: Roles and access permissions used with QualysGuard Policy Compliance.

Source: Creech

Problem in IT Strategy

- ❖ Business plans do not drive IT plans.
- ❖ IT plans focus on technology rather than directly addressing business strategies.
- ❖ Business managers do not see IT as supporting their strategies.
- ❖ IT projects do not support business strategies. IT spending on infrastructure and application maintenance does not support strategy.
- ❖ Company budgets do not reflect the results of IT planning.
- ❖ IT plans are shelfware that does not guide management decisions, projects, or budgets.
- ❖ IT governance practices do not direct IT from a business perspective.



Contoh Tesis Strategi

- ❖ Rosmalina, Yeffry Handoko, Janivita Tirtosudiro, (2012), Rencana Strategis Sistem Informasi di Universitas Bale Bandung, tesis MSI UNIKOM