

Addressing the changing training demand in IT

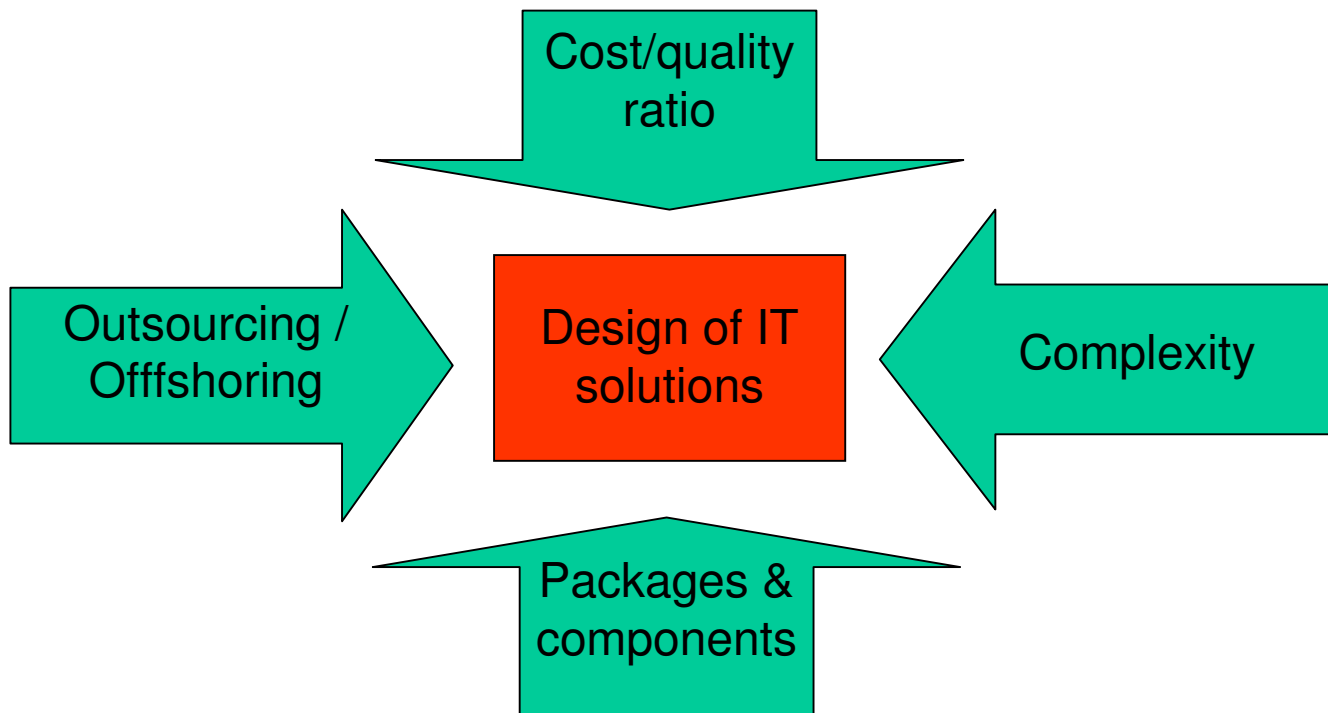
Dr. Ph. Dugerdil, MBA

Professor

HEG, University of Applied Sciences, Geneva

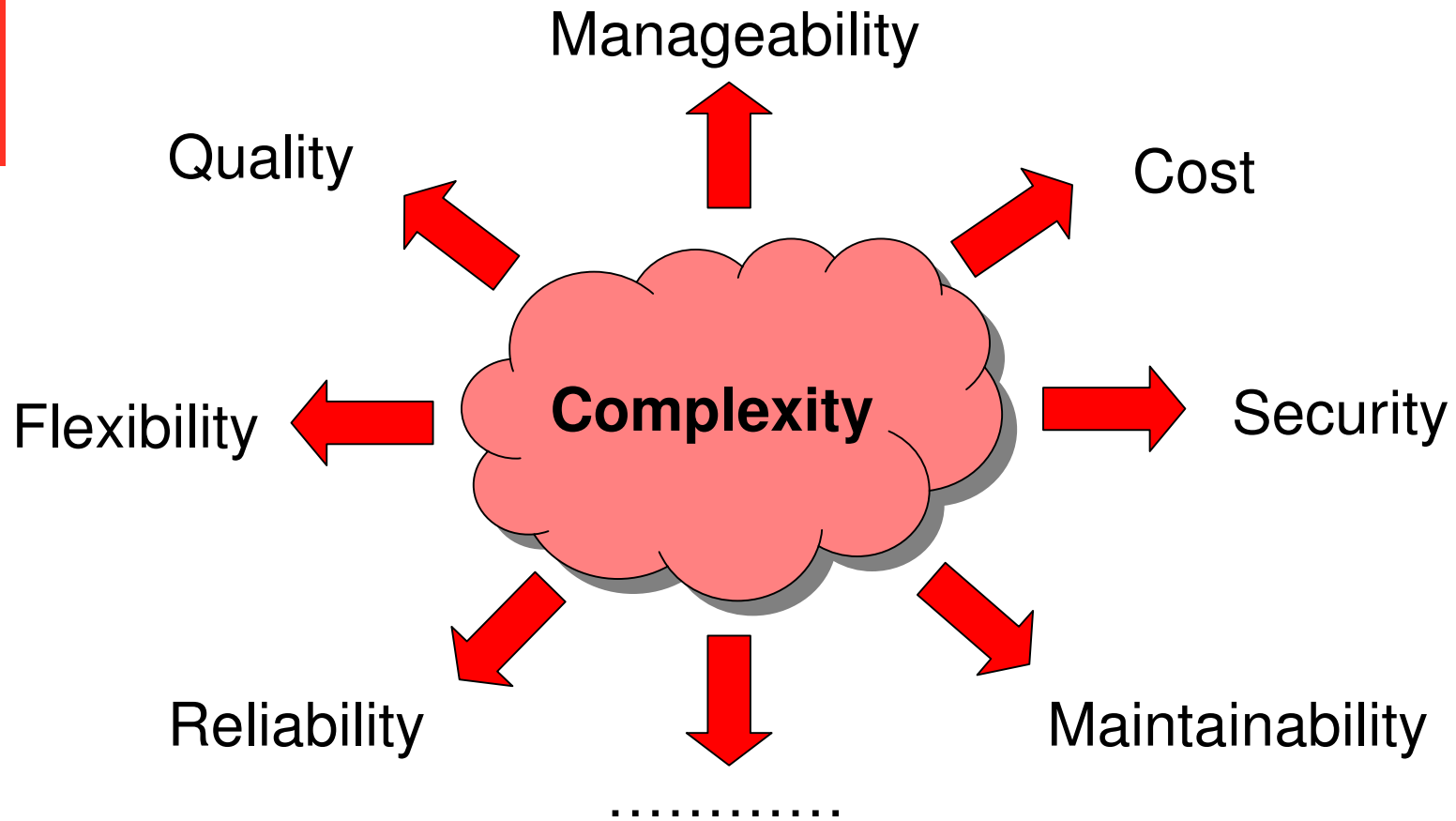
**Forrester's IT Forum EMEA 2006: GigaWorld
Lisbon**

The business forces as we perceive them..



Complexity keeps IT engineers from building systems by intuition...

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Information systems are industrial products

IT should contribute to the added value of the enterprise.

The mere building of *some* IT solution is not enough



IT engineers must provide an *optimum* solution to the business.

- Understand the business
- Know the costs
- “Orchestrate” the building of a solution



Implementing a new curriculum (3rd BS year)

Started: Oct. 2005

1. Managing the software life cycle
 - System specification
 - Contract management & SLAs
 - Project management and software development processes
2. Managing quality
 - Quality assurance & certification
 - System testing and system quality assessment
3. Managing complexity and security
 - IT security policies and security management
 - Software architecture
4. IT in the business context
 - Business process modeling
 - Packaged systems implementation
 - Datamining and decision support systems

Student feed-back

- First remark:
 - They are aware of the changing employment landscape
 - Job advertisements / talks with friends in industry
- Very good reception of the new courses
 - They are happy to see things moving in our institution
- Strong interest for the new topics
 - They feel that this training brings them closer to the real world

Industry feed-back (personal contacts)

- The initiative is welcome
 - Satisfaction to see things moving in the academic world
- Some big institutions went through the same thinking for their internal training
 - We are well aligned with today's business needs
- The new student profile matches a growing demand

Going beyond : graduate studies. MBA in Security Management

- Join initiative between HEG and University Aix-Marseille (France)
- Topics
 - Methodology & norms
 - Network security
 - Data security
 - Application security
 - Security audits
 - Risk management
 - Legal aspects
 - Disaster recovery
- Starting: January 2007

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Thank you

philippe.dugerdil@hesge.ch

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