

Investing in Software and Services

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Project Team

Project conducted by

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Remit

- o Aimed at senior management in FE and HE
- o Informed decisions on software and IT services
- o Any type of software/service
- o Any type of solution
- o Raise awareness of open source

Project Outputs

- o A Guide to Investing in Software and IT Services
- o A Guide to Revising Institutional IT Strategy
- o A Senior Management Briefing Paper

Establish a Context

- o How are procurement/development decisions made ?
- o Formal procedures exist (e.g. JISC Infokit on System Selection, SSADM procedures)
- o Are these procedures always applied ?

Directions of Change

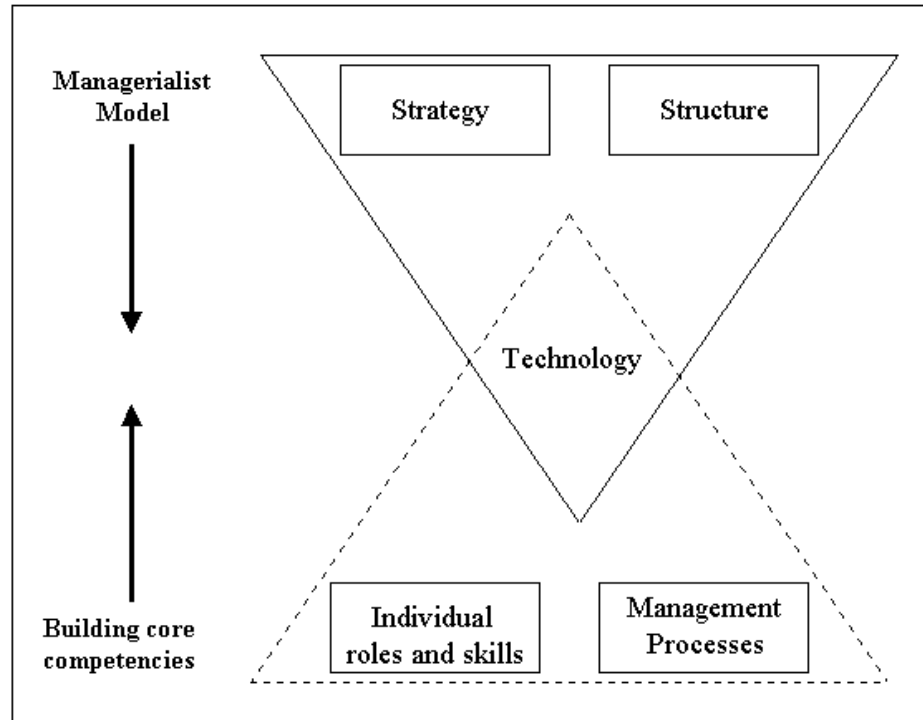
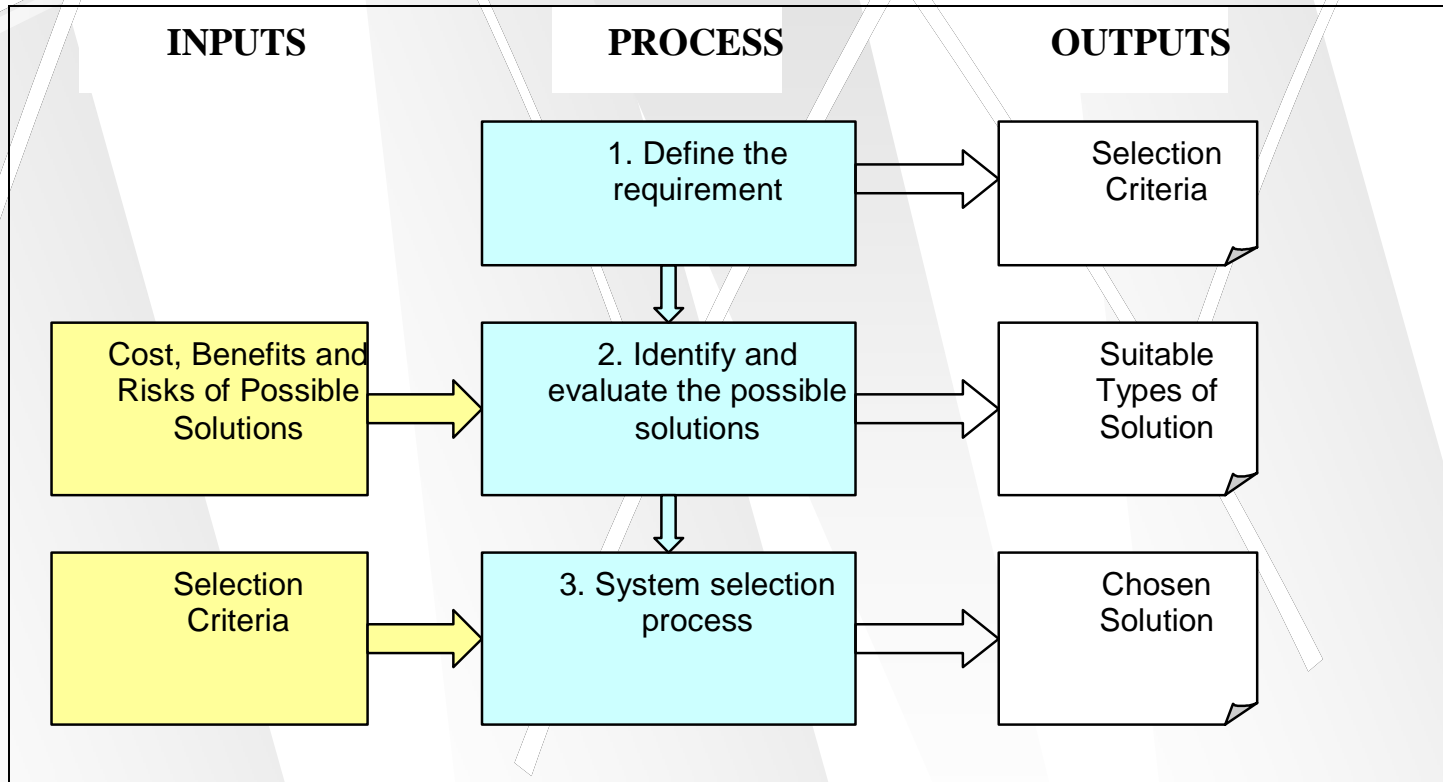


Figure 2: Models of Institutional Change

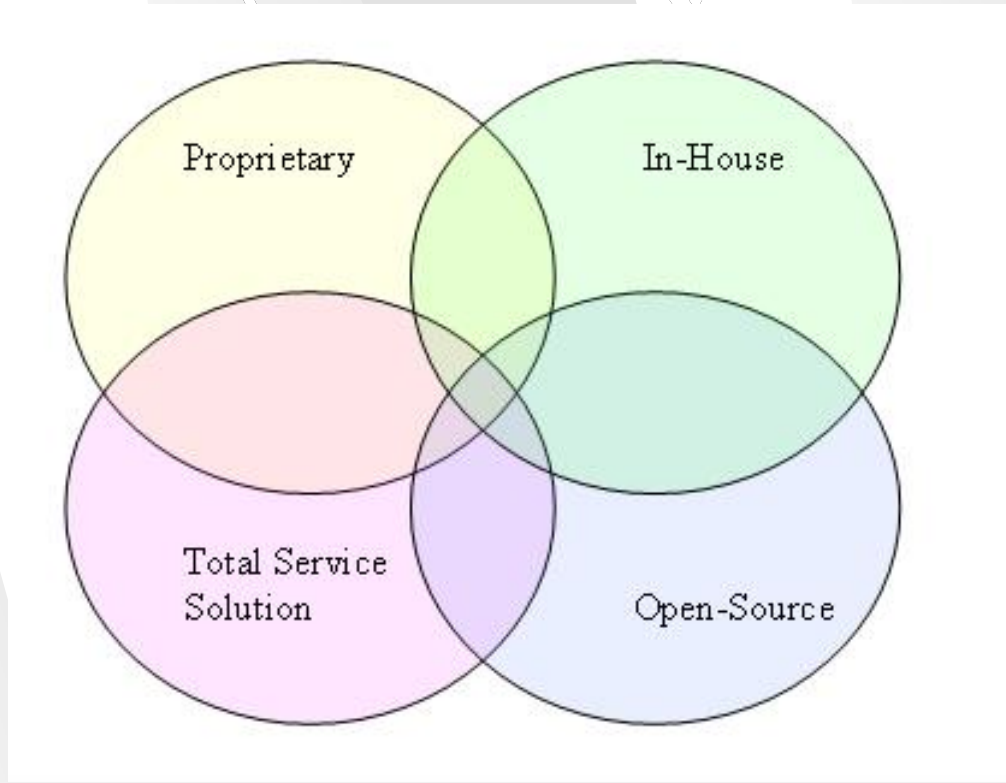
Framework for Software and Systems Selection



Defining the Requirement

- o Objectives of the implementation
- o Type of System and business criticality
- o Scale of the Solution
- o Timescale
- o Other systems and interfaces

Types of Solution



Key Issues - Identifying Suitable Types of Solution

1. Functionality
2. Robustness and reliability
3. Licences, contracts and IPR
4. Integration
5. Future direction
6. Internal support
7. External support
8. Exit strategy
9. Cost

System Selection Process

Having identified solution types:

- o Construct a definition of functionality
- o Identify the cost of each solution
- o Identify the risk associated with each solution
- o Evaluate the potential solutions.
- o Select a solution

Further Information

The outputs of the project can be found at

http://www.predict.strath.ac.uk/projects/sw_services

