

Feasibility Analysis of Candidate systems

- During the decision analysis phase of system analysis,
 - Identifies candidate system solutions
 - Analyses the solution for feasibility
- Can use two alternatives to compare and contrast candidate system solutions
 - Candidate System Matrix
 - Feasibility Analysis Matrix

**Use A Matrix
Format**

Candidate Systems Matrix

- Used to document similarities and differences between candidate systems
 - Compare candidate systems
 - Offers no analysis
 - Columns represent candidate solutions
 - Rows represent characteristics that differentiate the candidates

Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders			
Knowledge			
Processes			
Communications			

Template

Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders			
Knowledge			
Processes			
Communications			

Identify how the system will interact with people, and other systems

Template

Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders	Identify how data stores be implemented, inputs will be captured, outputs will be generated		
Knowledge			
Processes			
Communication			

Template

Candidate Systems Matrix

- Example

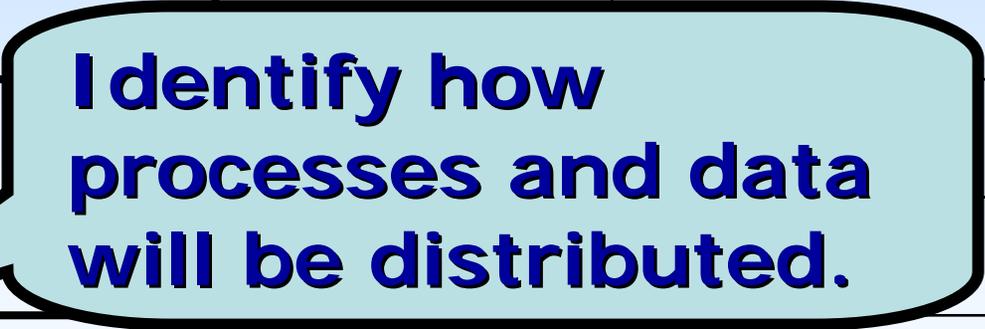
	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders	Identify How (manual) business process will be modified, how computer processes will be implemented		
Knowledge			
Processes			
Communications			

Template

Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders			
Knowledge			
Processes			
Communications			



Identify how processes and data will be distributed.

Template

Feasibility Analysis Matrix

- Used to rank candidate systems
 - Columns represent candidate response
 - Rows correspond to the feasibility criteria
 - Cell contain the feasibility assessment notes for each candidate

Feasibility Analysis Matrix

	Weighting	Candidate1	Candidate2	Candidate3
Description				
Operational Feasibility				
Cultural Feasibility				
Technical Feasibility				
Economic Feasibility				
Schedule Feasibility				
Legal Feasibility				
Weighted Score				