

Alternatives Analysis

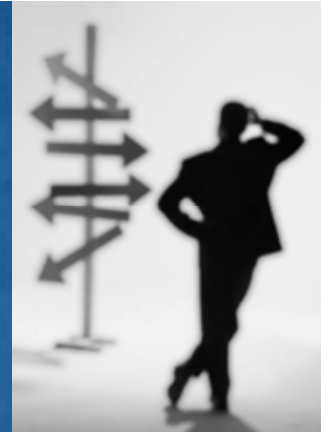


Overview of the Feasibility Study

- A preliminary study that determines whether the project being considered is technically, financially, and operationally viable
- Is directly linked to the Functional Requirements Document (FRD) in that the FRD is the baseline against which various approaches are assessed
- **Must include an alternatives analysis**

Alternatives Analysis

- Analysis of alternatives for hardware, software, and functionality
- Demonstrates if a system is feasible – technically, financially, operational, and programmatically
- **Demonstrates which alternative is the “best fit”**

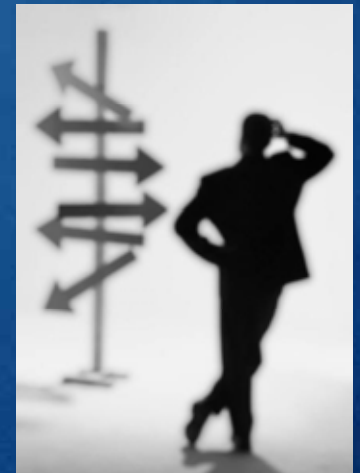


Alternatives Analysis

What's the Point?

Demonstrates which alternative is the
“best fit”

- *Technically*
- *Financially*
- *Operationally*



What are “Alternatives?”

Alternatives **MUST** include:

- Transferring a SAM

Alternatives *May* include:

- Upgrading or enhancing the existing system
- Transferring a system or components from another State
- Integrating with other systems (Medicaid, SNAP)
- Developing a new system from the ground up

Alternatives Analysis



The number of alternatives is driven by the State agency as long as the same analysis and methodology are applied to each alternative

Alternatives Analysis



- How will changes to existing systems and processes be met (interfaces, data exchanges)?
- Organizational effect upon personnel and skill requirements
- Data conversion activities required

Alternatives Analysis

- Operational impacts on existing procedures, user relationships, system support plans
- Resource effects during development and operations
- Cost to operate the new system once implemented

It's all about making an Informed Choice



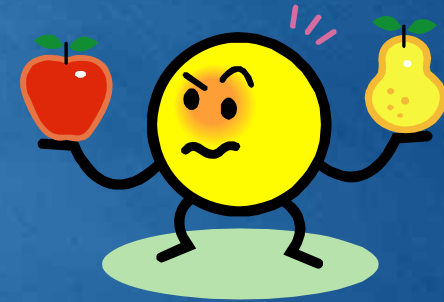


Alternatives Analysis

How to do it?

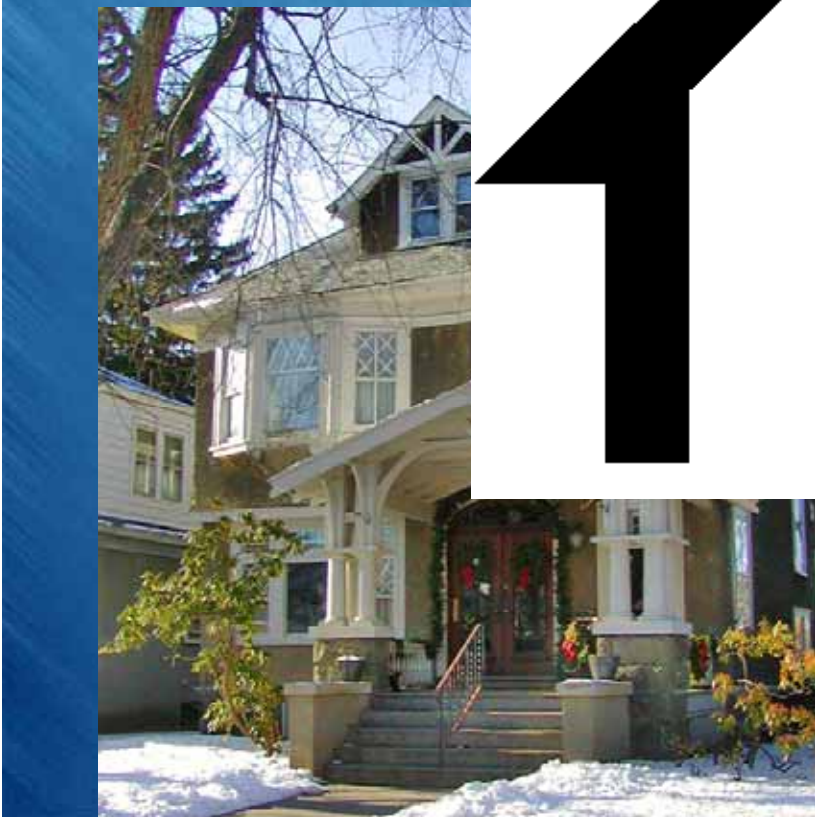
- Perform a gap analysis of program functional and technical requirements
- Analyze how many changes would be needed for each alternative to meet your needs
- Define your goal to meet your needs for a more efficient process

Functional Gap Analysis



Alternatives must include the analysis of technical and programmatic merits of possible system transfers.

Functional gap analysis is imperative in identifying changes to a potential system.



For Your Consideration...

Technical	Operational	Financial
Ranch	3 bedroom	Tax district
West Facing	3 bath	In my price range
Gas heat	Large kitchen	Little discretionary \$
Location	Media Room	
Age of home	Attached garage	

Architecture platform	Functional	Budget
Operating system	Requirements	- development
Application language	- Mandatory	- on-going costs
Database	- Optional	(M&O)

Comparative Analysis

	Oak Grove	Beverly Hills	Remodel
3 bedrooms	X		?
3 baths		X	?
Ranch		X	X
West Facing	X		X
Large Kitchen	X	X	?
Attached Garage		X	X
Close to work	X		X
Close to schools	X		X
Media Room		X	X

What to consider!

Do you have state software standards that may impact what you transfer?

Are you open to changing your business rules to match that of a possible transfer?

What are your mandatories vs. nice to haves?



REUSE
REDUCE
RECYCLE

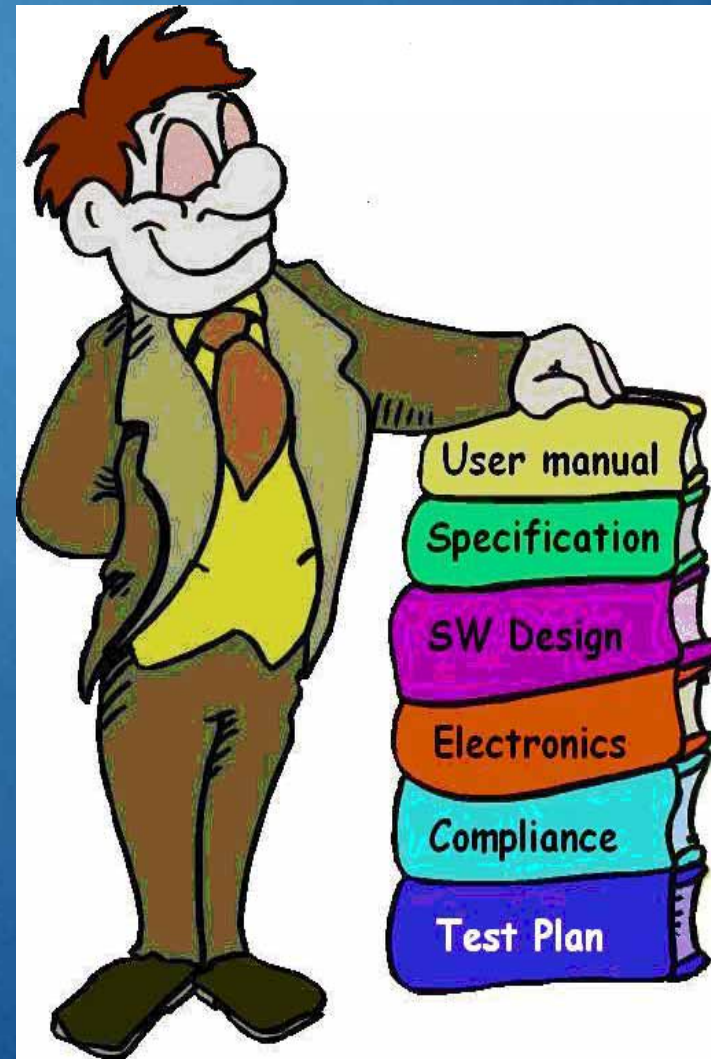
Alternatives Analysis How NOT to do it?



What NOT to do!

- Shop alone
- Let the realtor choose for you
- Sign contract w/o knowing the true price
- Make your choice based only on less than the whole picture
- Dismiss remodeling – too dull/not new
- Choose the “right” neighborhood, “wrong” house

DOCUMENT EVERYTHING!



When you've compared each of your alternatives to your requirements....

And considered the gap between each alternative and your desired future....

- When you've compared each of your alternatives to your requirements....
- Then you have the material to write your **Feasibility Study** to
- And then done the cost/benefit analysis on any options that appear feasible
- And chosen the BEST option for you and operationally feasible!

And then done the cost/benefit analysis on any options that appear feasible....

And chosen the BEST option for you

Questions?

