

Why Architecture?

Interconnection with business and other IT Organizations

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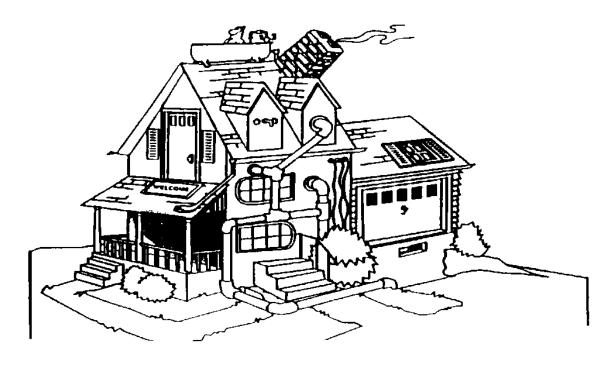
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IT Architecture ensures the business's requirements for an IT system are satisfied in a coherent and well structured way

Without IT Architecture...



... and even if an individual house is well designed, if each house is different (e.g. different electricity voltage, water pressure) then the city will not work...

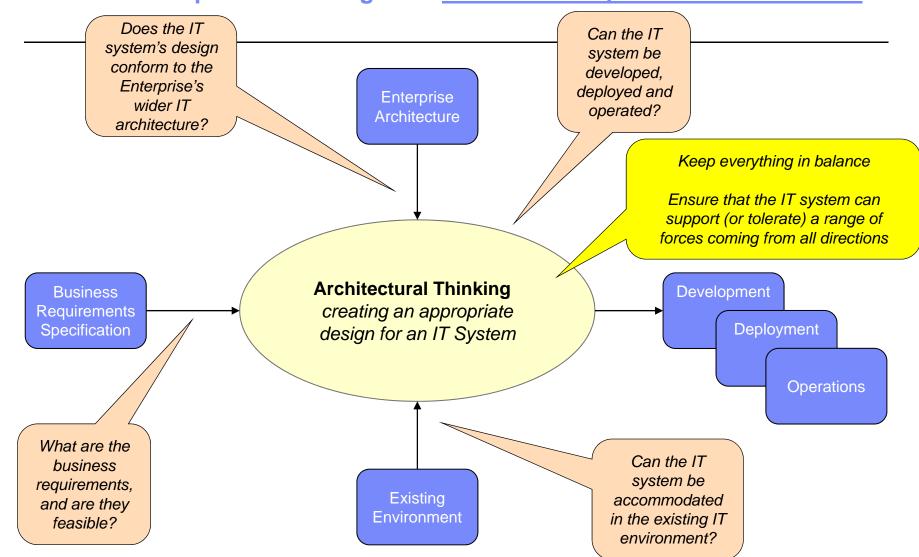


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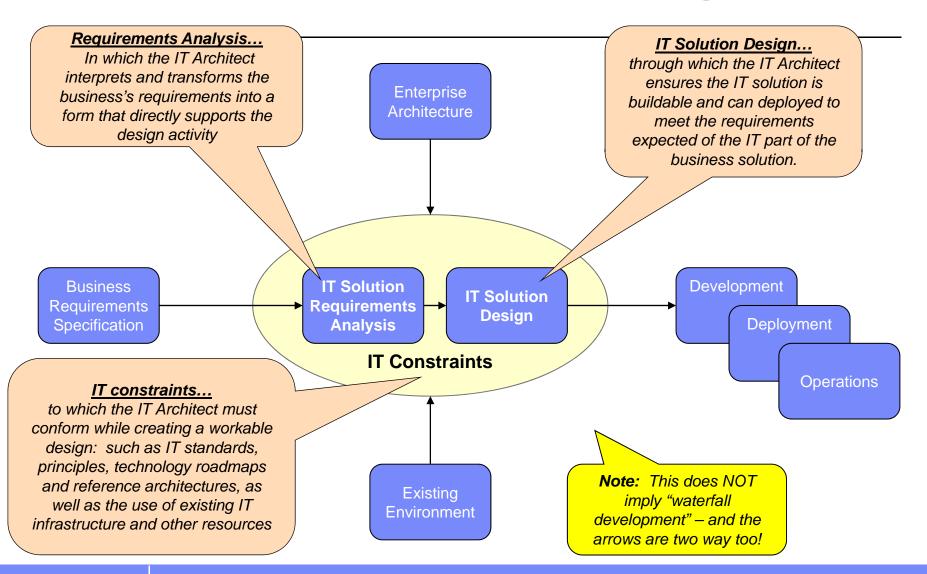
An IT Architect achieves this goal by balancing many forces, helping to ensure the IT solution to a business requirement recognises "the art of the possible & affordable"



Architectural Thinking – Balancing many forces, helping to ensure the IT solution to a business requirement recognises <u>"the art of the possible & affordable"</u>



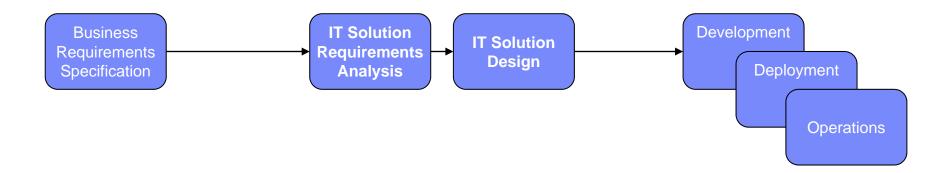
The IT Architect therefore focuses on three things





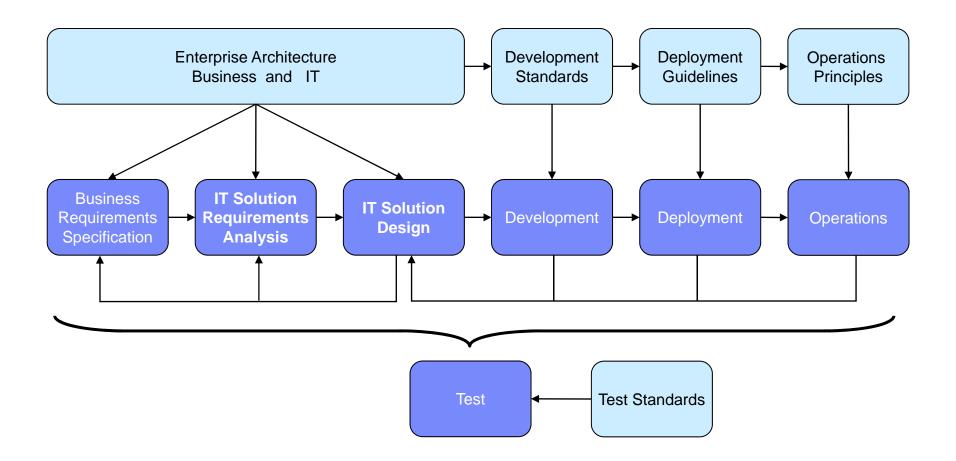
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"food chain" in which the IT Architect sits is not "link to link", and not "waterfall"





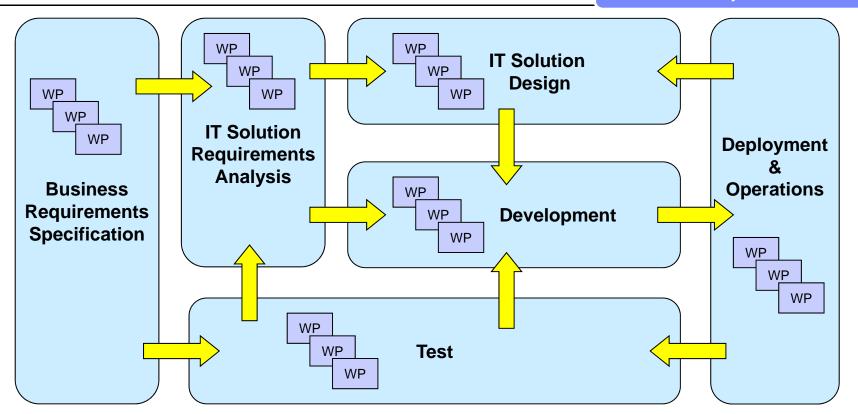
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...with a strong set of inter-dependencies between all areas

Illustrative dependencies only! Most arrows are two way!



How do we manage this division of responsibilities, while accommodating interdependencies across the life-cycle of a project, without adopting "waterfall"

development"?

A work product is (usually) a document that defines some specific aspect of the solution and "lives" through the full life of the project