



Why Architecture ?

Interconnection with business and other IT Organizations

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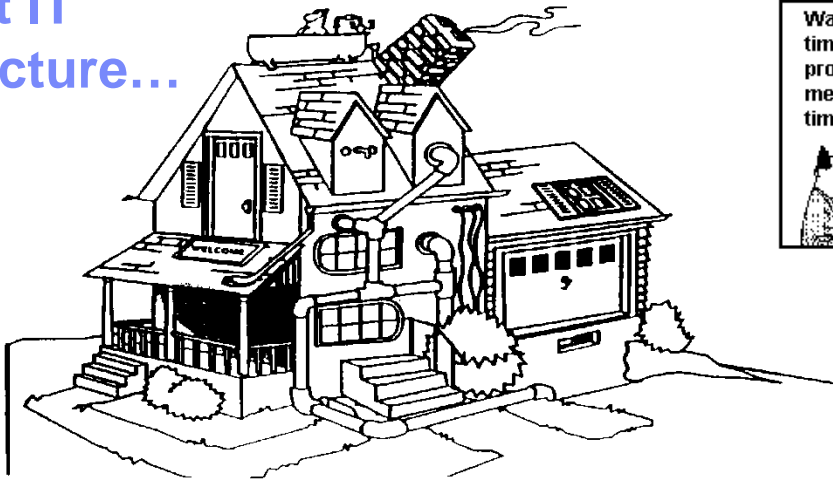
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IT Architecture ensures the business's requirements for an IT system are satisfied in a coherent and well structured way

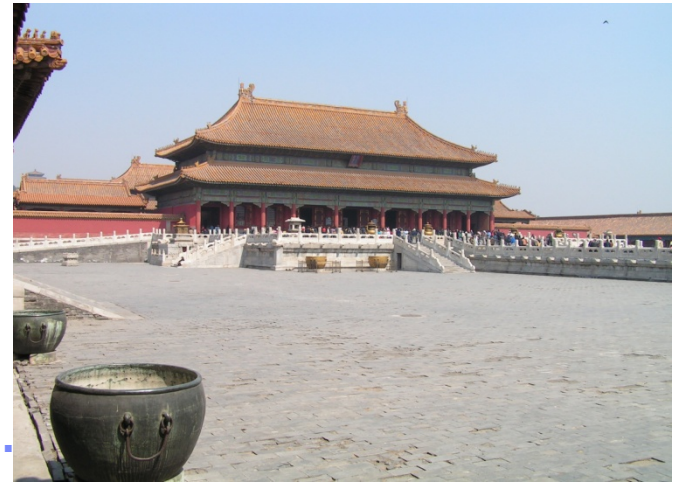
Without IT Architecture...



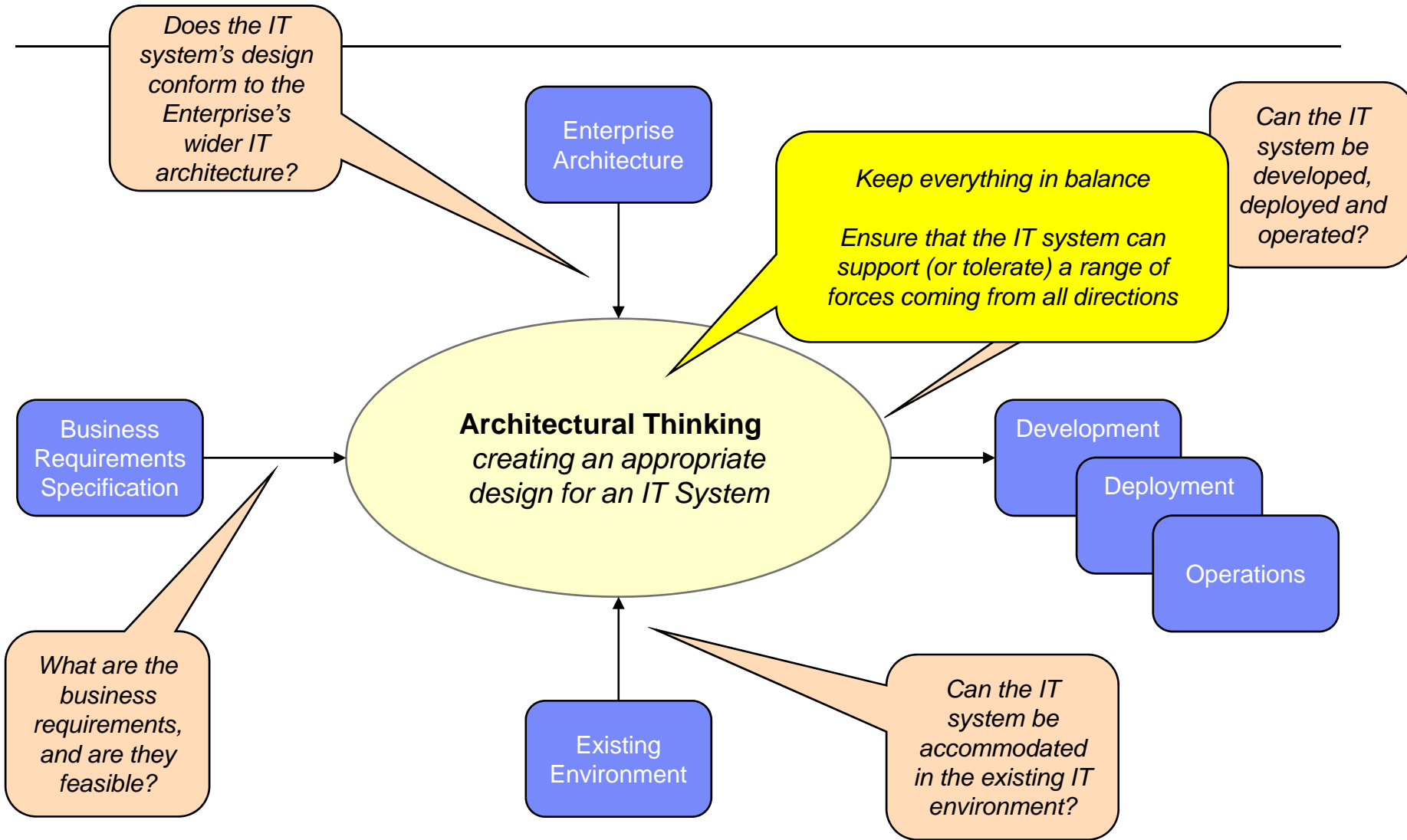
... and even if an individual house is well designed, if each house is different (e.g. different electricity voltage, water pressure) then the city will not work...



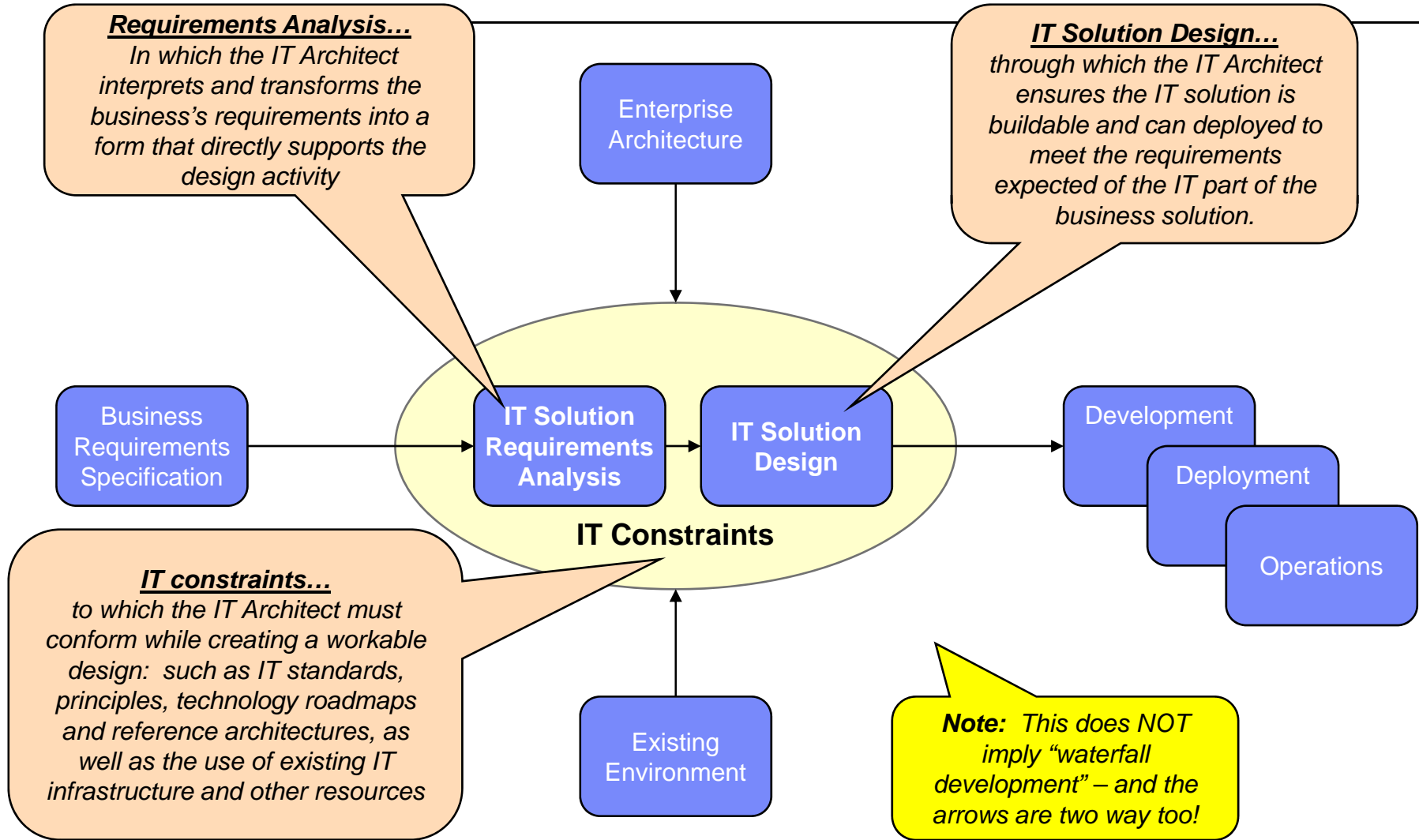
With IT Architecture...



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”

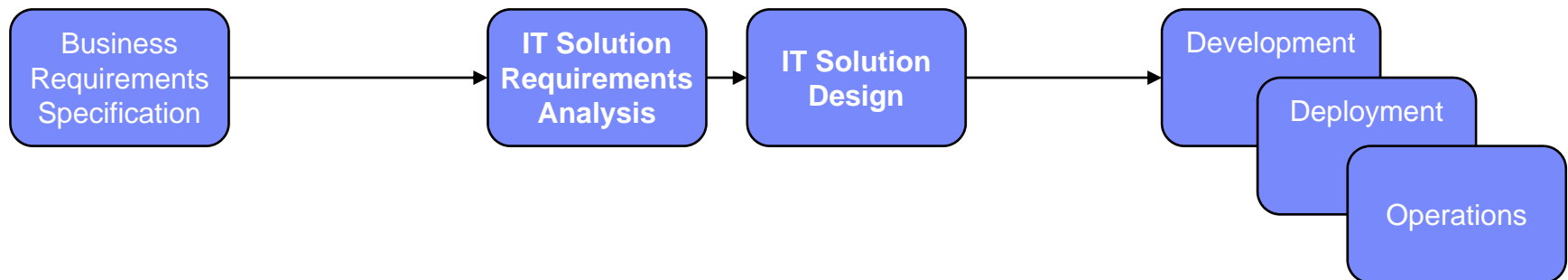


The IT Architect therefore focuses on three things

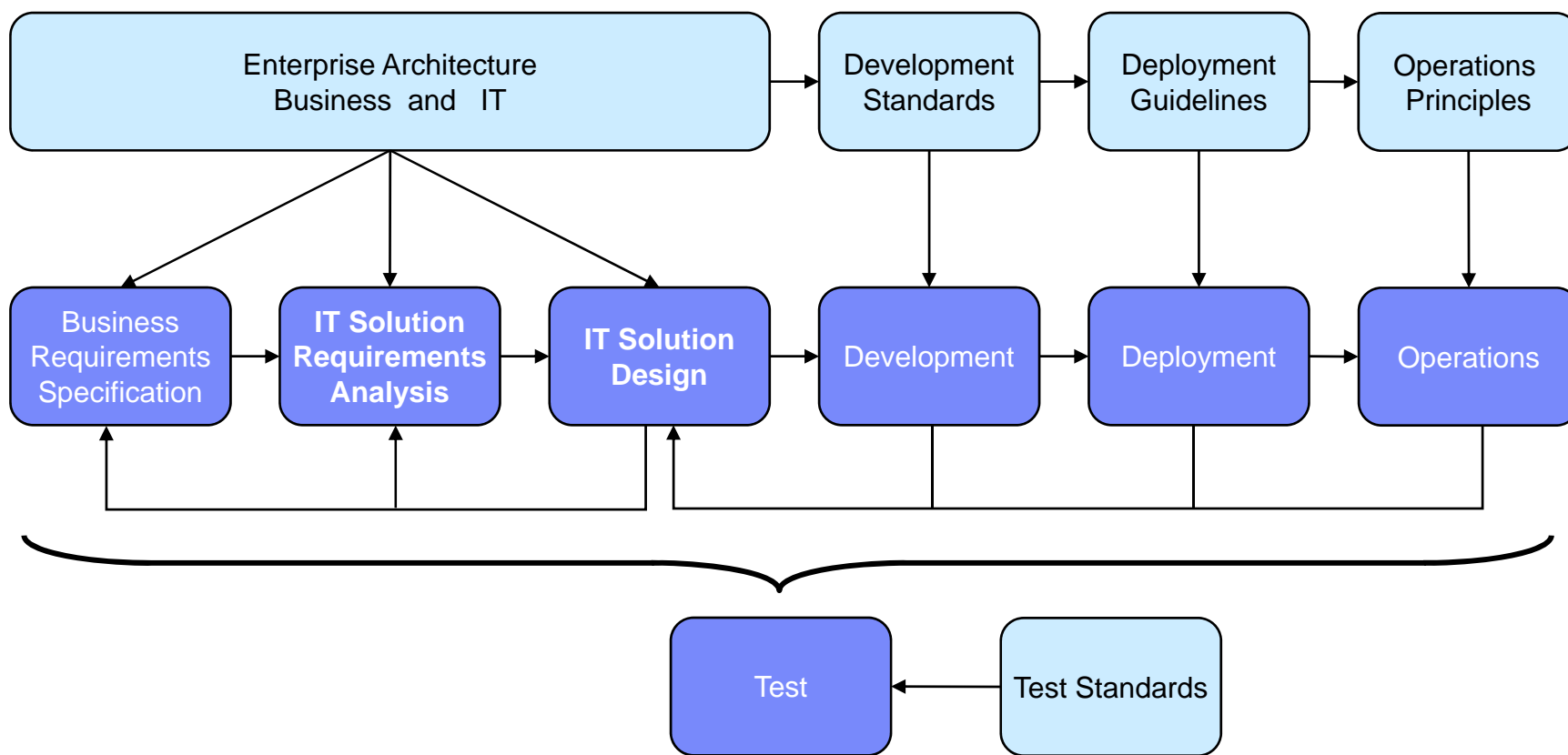


An IT Architect does not work alone – their work is intimately interconnected with that of others in both the business & IT organisations...

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

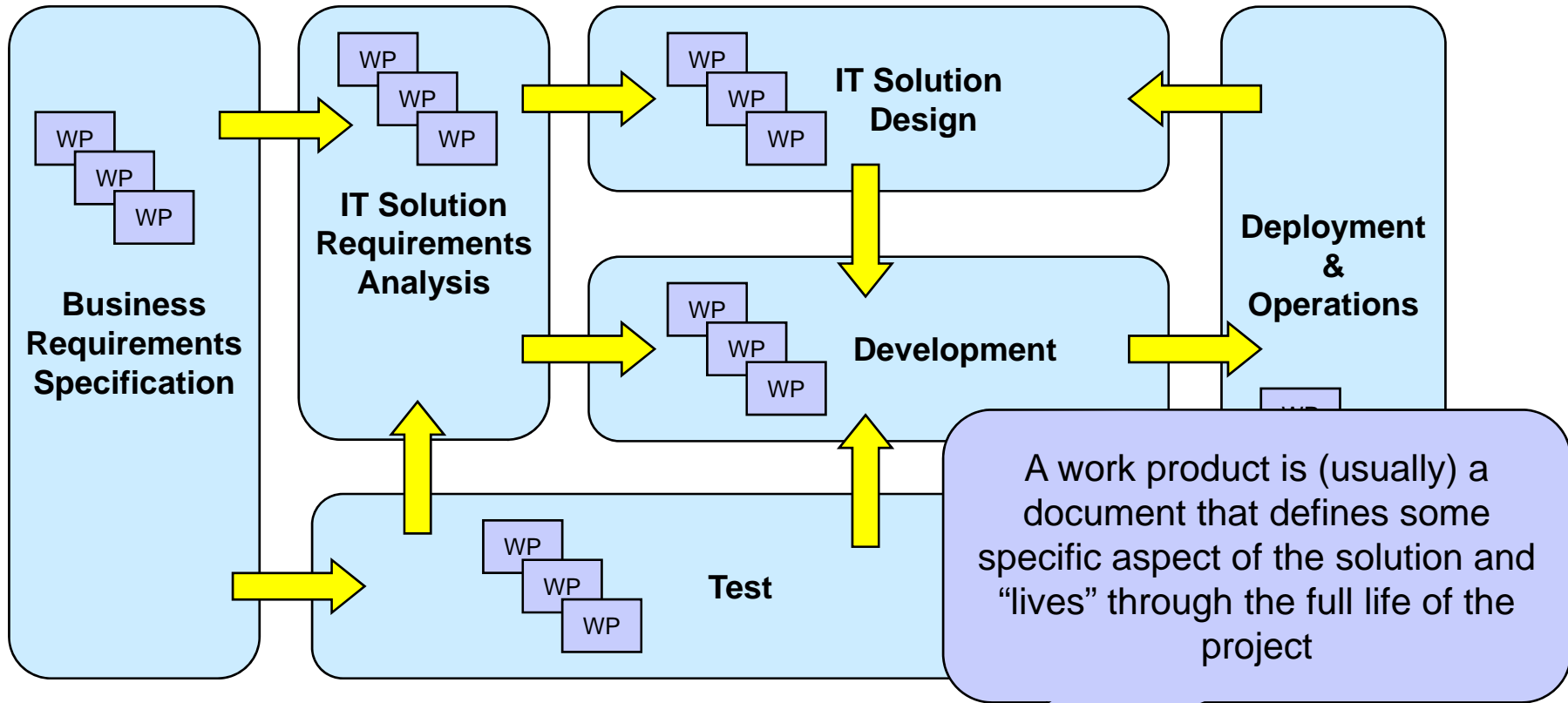


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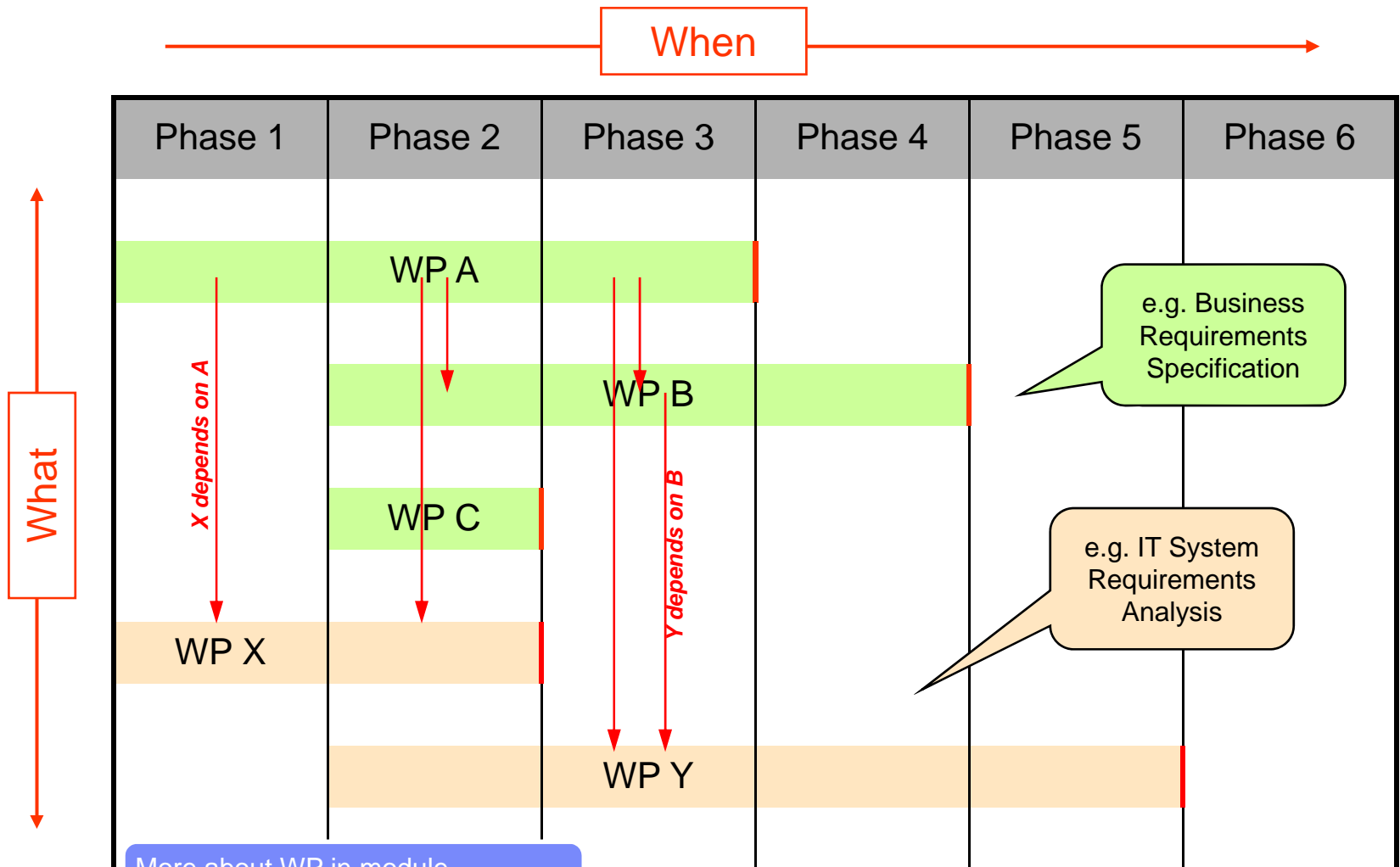
...with a strong set of inter-dependencies between all areas

Illustrative dependencies only! Most arrows are two way!



How do we manage this division of responsibilities and accommodating interdependencies across the life-cycle of a project, without adopting "waterfall development"? **Work Products!**

Work products (WPs) are a powerful way of separating concerns, such as business requirements specification from IT requirements analysis. WPs also “elaborate” through the phases of a project - which means they can be incomplete at the end of a phase



More about WP in module
“Developing a solution architecture”

Work products are the basis of a project's deliverables – the formal documents (and other items) published at the end of a project's phase: deliverables can be thought of as “snapshots” of one or more work products

