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The case for Datacentre Modernisation

Some lessons from the front line

Gary Barnett
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Technology trends

- Smaller, quicker, cheaper…..
  - Will continue….
  - But in increasingly depend on technology being “Smarter” too
- Virtualisation
  - Massive compression of server footprint
  - But beware of (virtual) server sprawl
- Cloud and Grid computing
  - Exploiting low cost hardware for super computing performance

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The future of your datacentre?

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Technology Trends – Sustainability

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All good stuff but…

What does it actually mean in business terms?

The Current economic climate

- Cost pressures are intense
  - The level of discipline we have to show now wont go away
- Some signs of “green shoots”
  - Some of my clients reporting the availability of “investment”
    - But with all sorts of strings attached
- What doesn’t kill you…
  - The skills we learn in hard times will be just as useful in times of plenty
  - And we’ll be better IT professionals as a consequence

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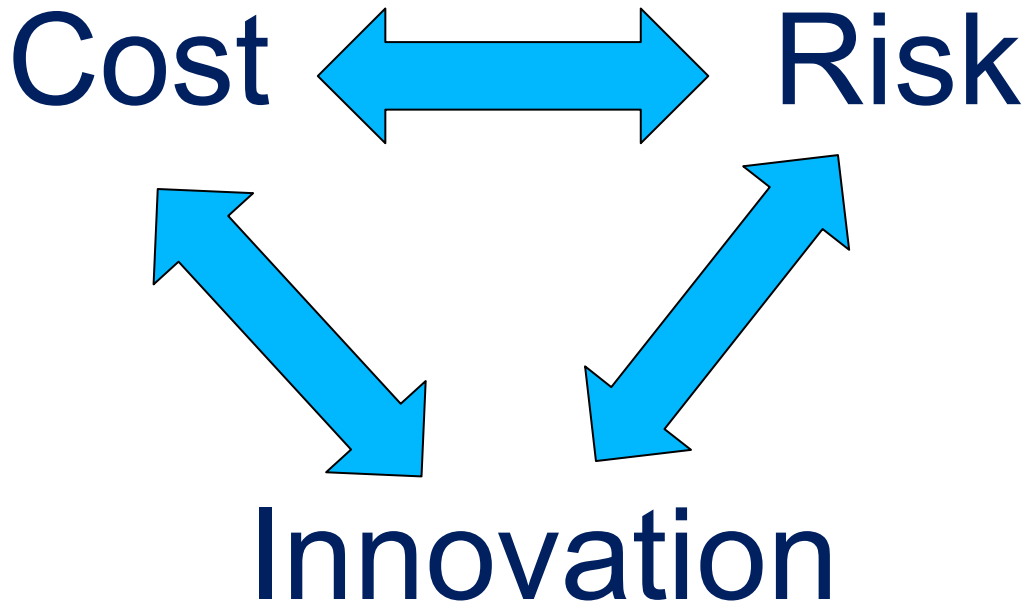
The CIO Dilemma



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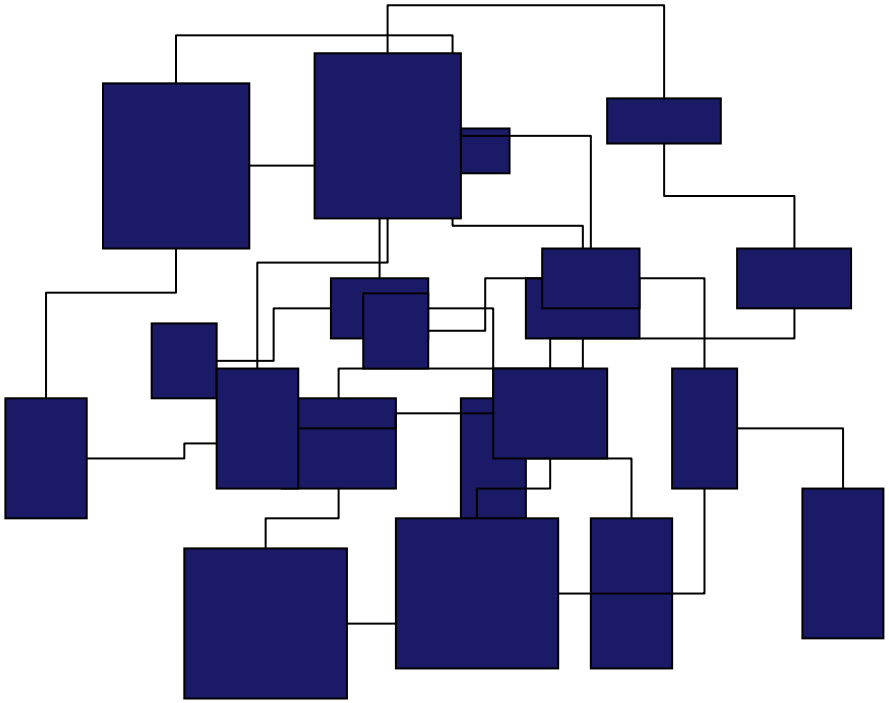
The ugly truth..

Most of us have infrastructure that is best described as “intricate”



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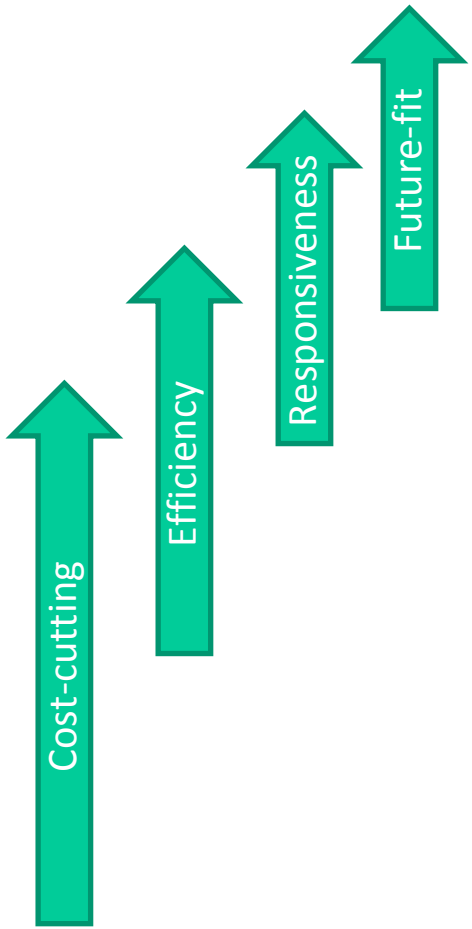
Every journey starts with a single step

Level 9	Cloud	Nirvana
Level 8	Virtualised	Agility
Level 7	Automated	Responsiveness
Level 6	Optimised	Flexibility
Level 5	Consolidated	Reduction
Level 4	Standardised	Simplification
Level 3	Organised	Preparation
Level 2	Mapped	Planning
Level 1	Discovered	Understanding
Level 0	Unenlightened	Chaos



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So what I'm saying is we should be doing the things we've always said were a good idea…

We just have to sell them in a better way

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Modernise your datacentre!

- Because it makes BUSINESS sense
  - Cost reduction
  - Agility
  - Better management of risk
- Simple projects
  - Application and Server consolidation
  - Systems management infrastructure
  - Datacentre survey
- Then look at all of your infrastructure
  - Your distributed computing environment
  - Facilities
  - Measurement/Audit

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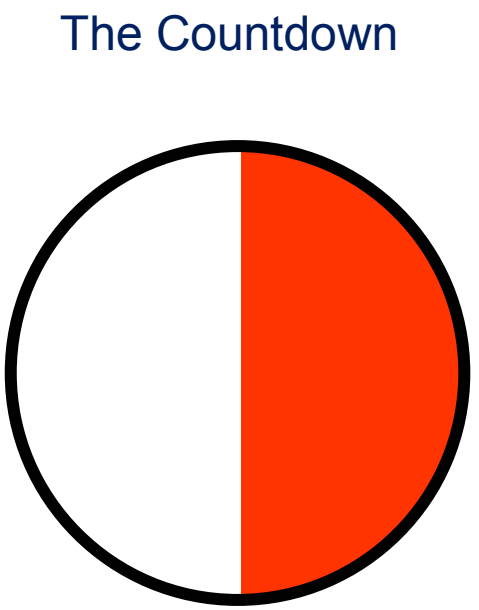
A Thirty Second Business Case

- Server consolidation
  - Helps to lower cost by
    - making better use of existing assets (capex)
    - Lowering sys admin and maintenance (opex)
  - Helps lower risk by
    - Reducing complexity associated with RAS
    - Increasing the consistency of server management
  - Helps support business change by
    - Providing a platform that can grow with the organisation
    - Lowering the cost of deploying new applications



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Thank-you

gary@bathwick.com