OVUM

Infrastructure : The art of the possible

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- Why should we be revisiting our infrastructure?

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Hello

About me…

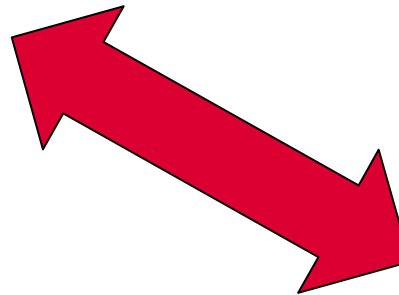# Why should we be revisiting our Infrastructure?

Business change has been important to us for 1000's of years

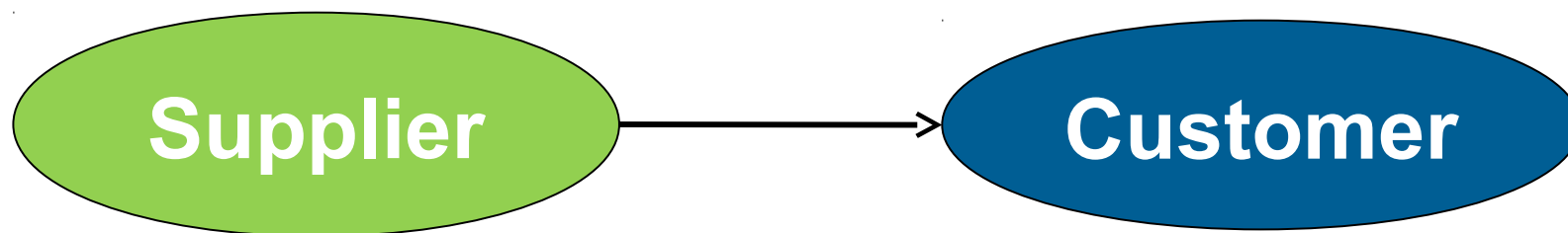**Image © http://rainbowtravel.wordpress.com/2009/12/09/the-dead-sea-scrolls-on-show-in-toronto/**

We're in the middle of an era of accelerating change...
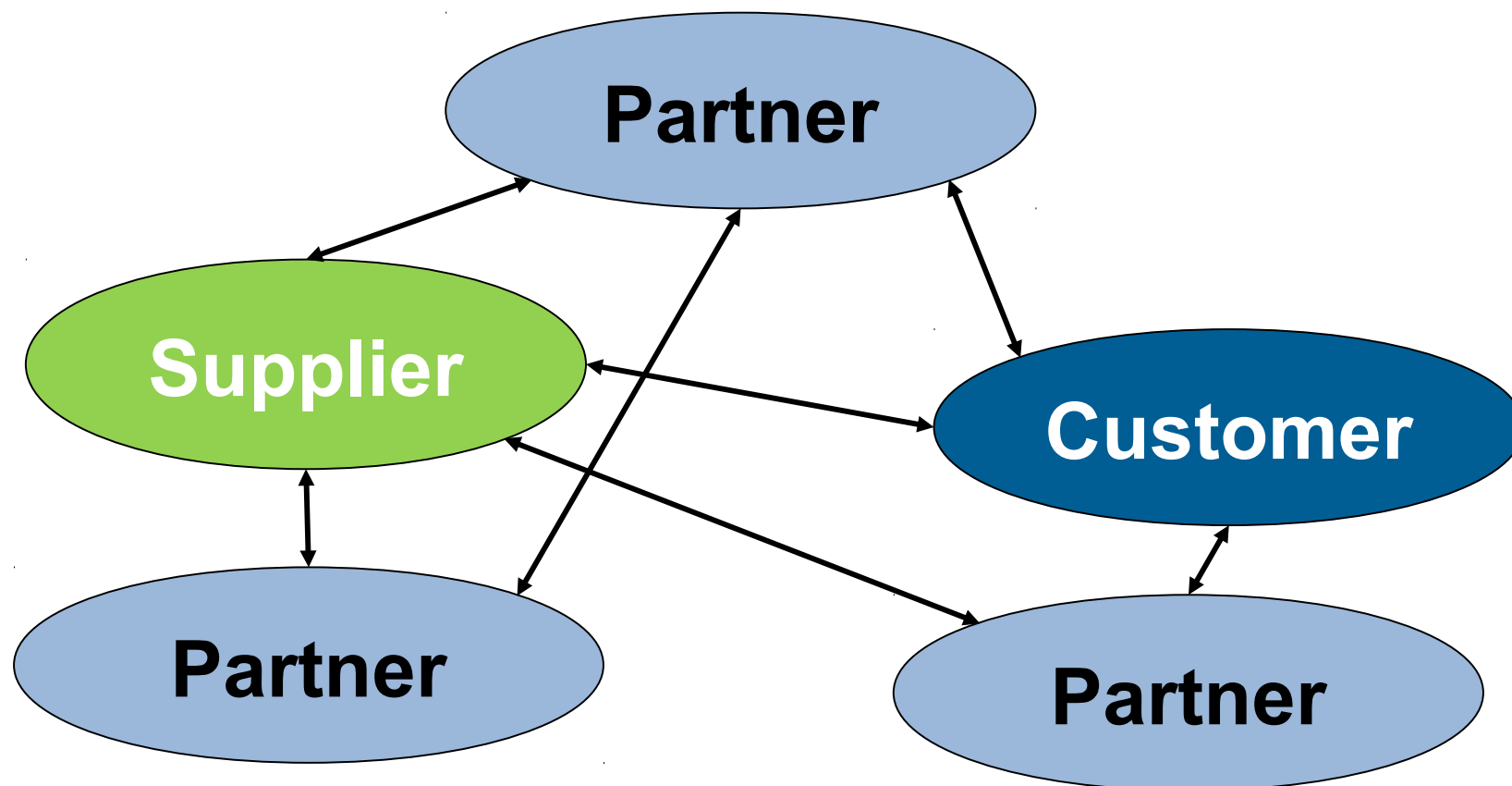

Business Process Change

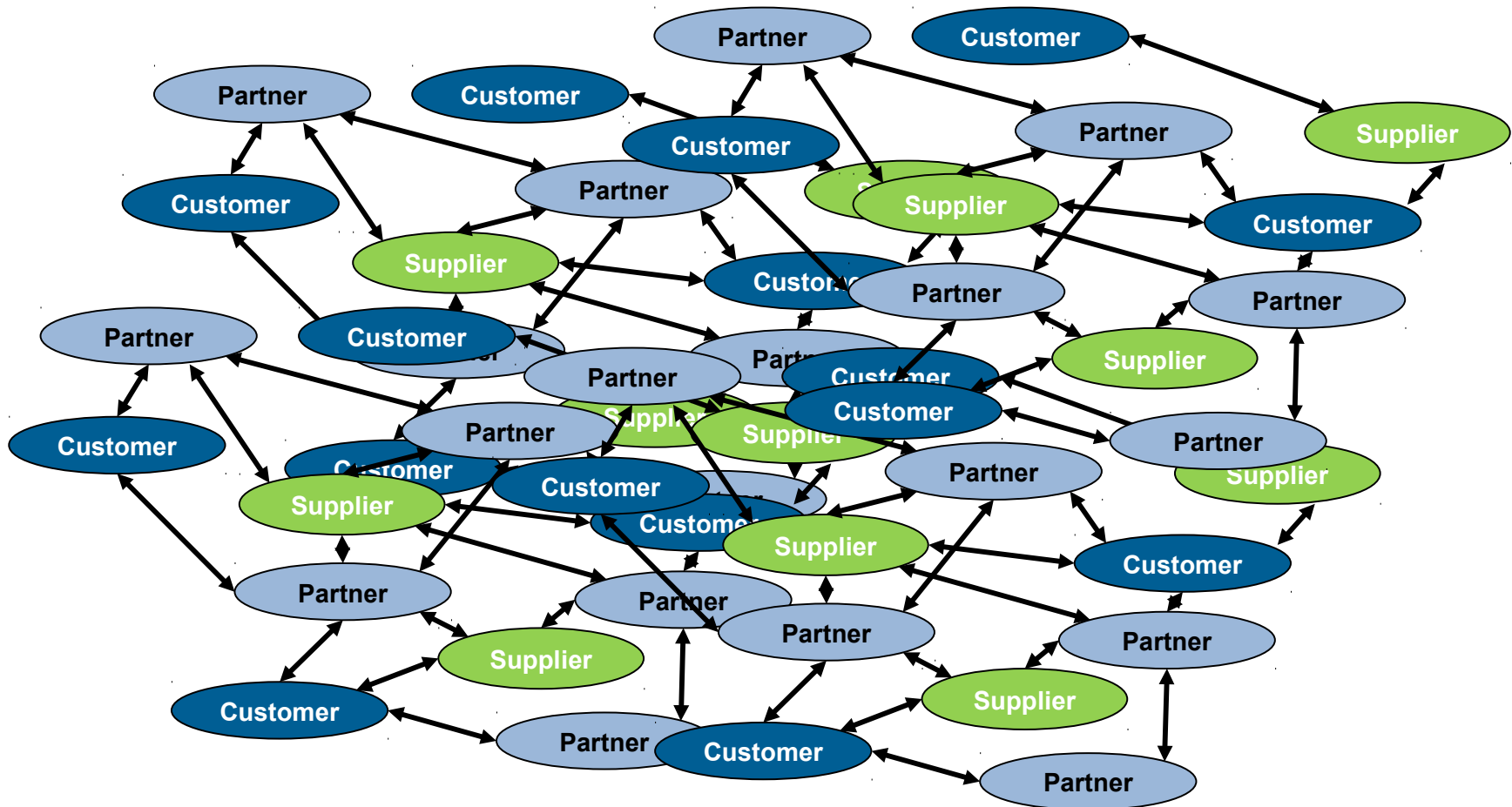**Technology Change**

Business processes in the old days...

Business processes not too long ago...

Business processes now...

Technology in the old days...

Image © David R Tribble (http://commons.wikimedia.org/wiki/File:Abacus_2.jpg)
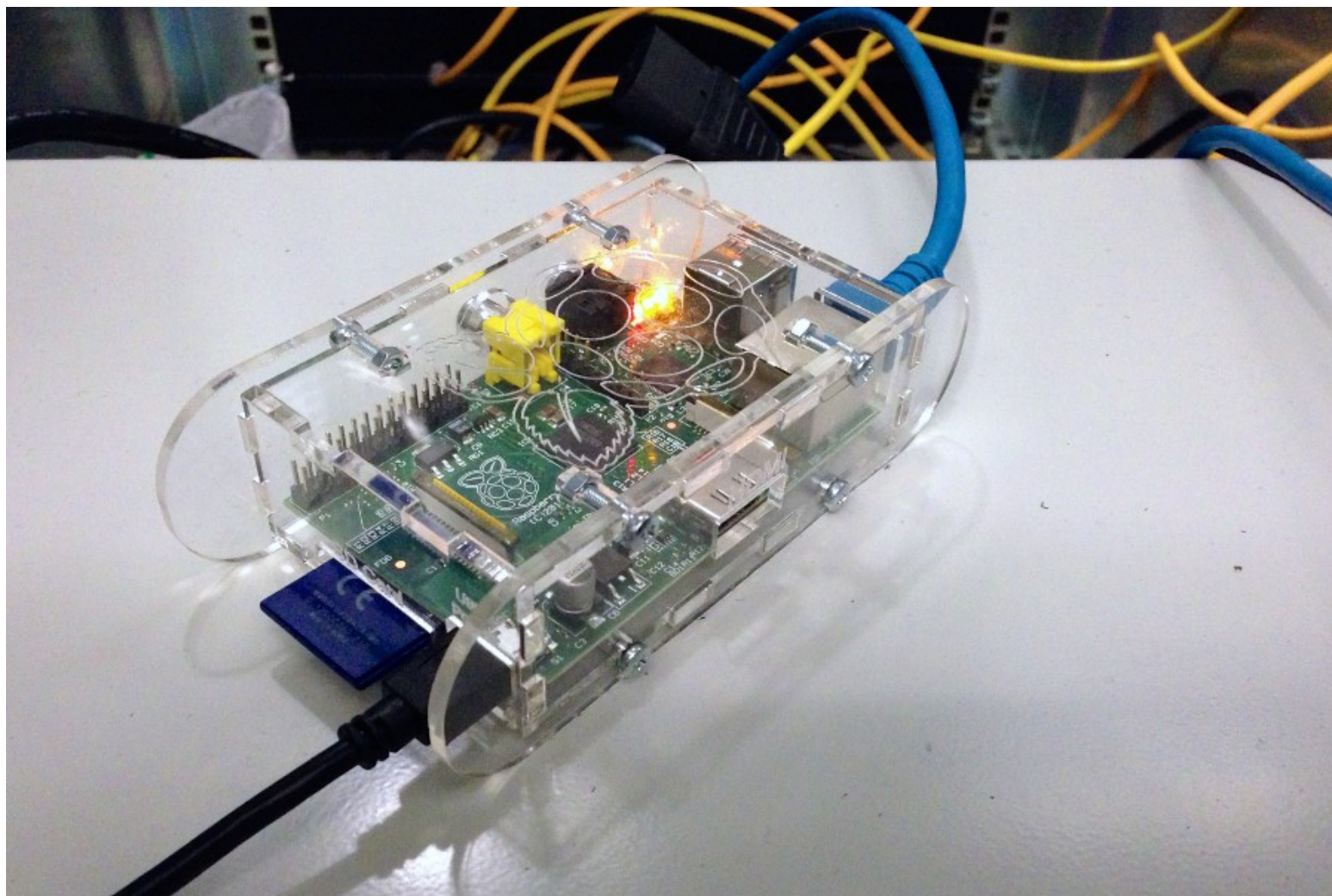
Megatrends :
Technology transforming the way we live and work

5 Megatrends

© Hlundgaard @ Wikimedia
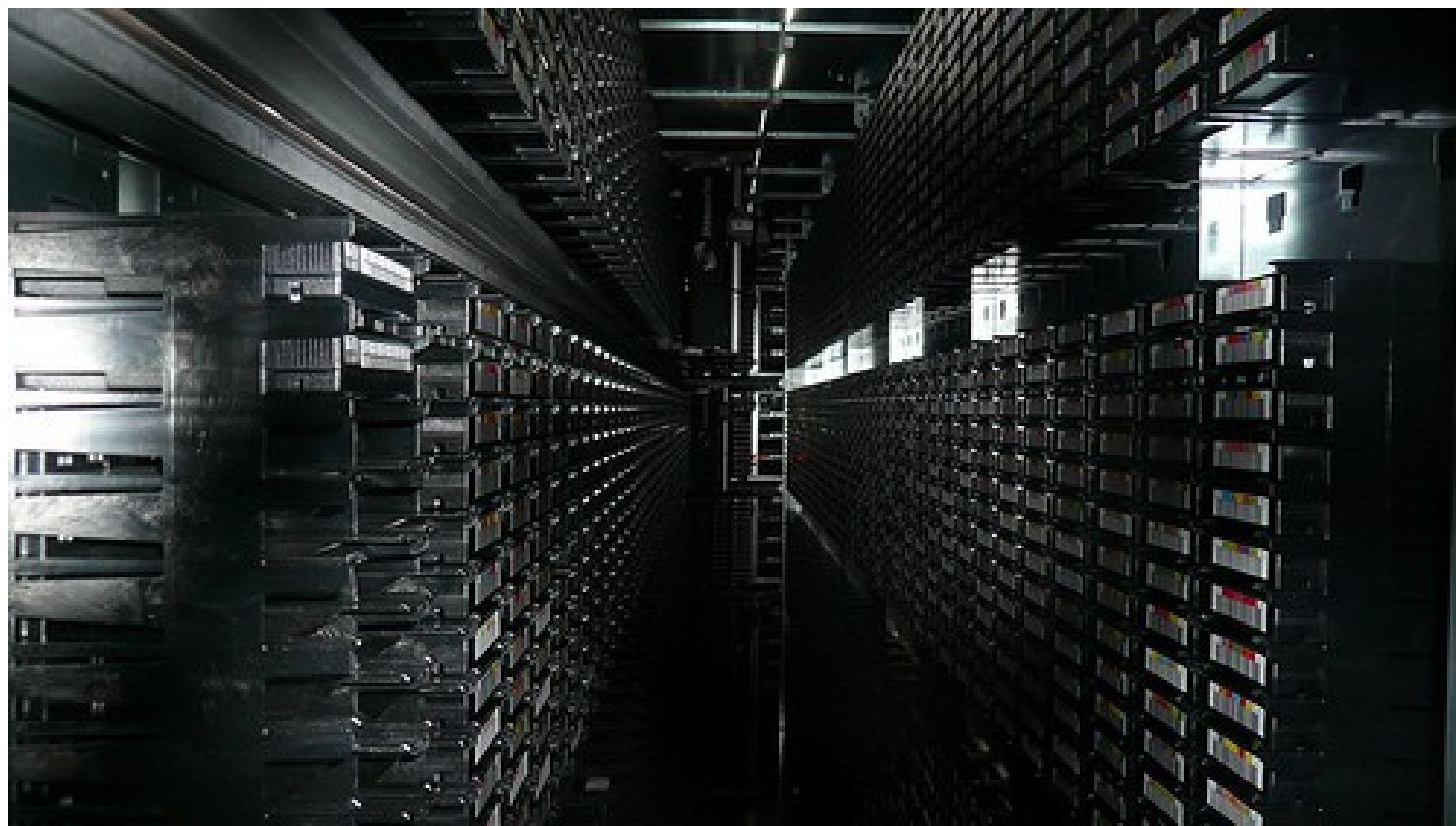
5 Megatrends

© Nico Kaiser @ flickr
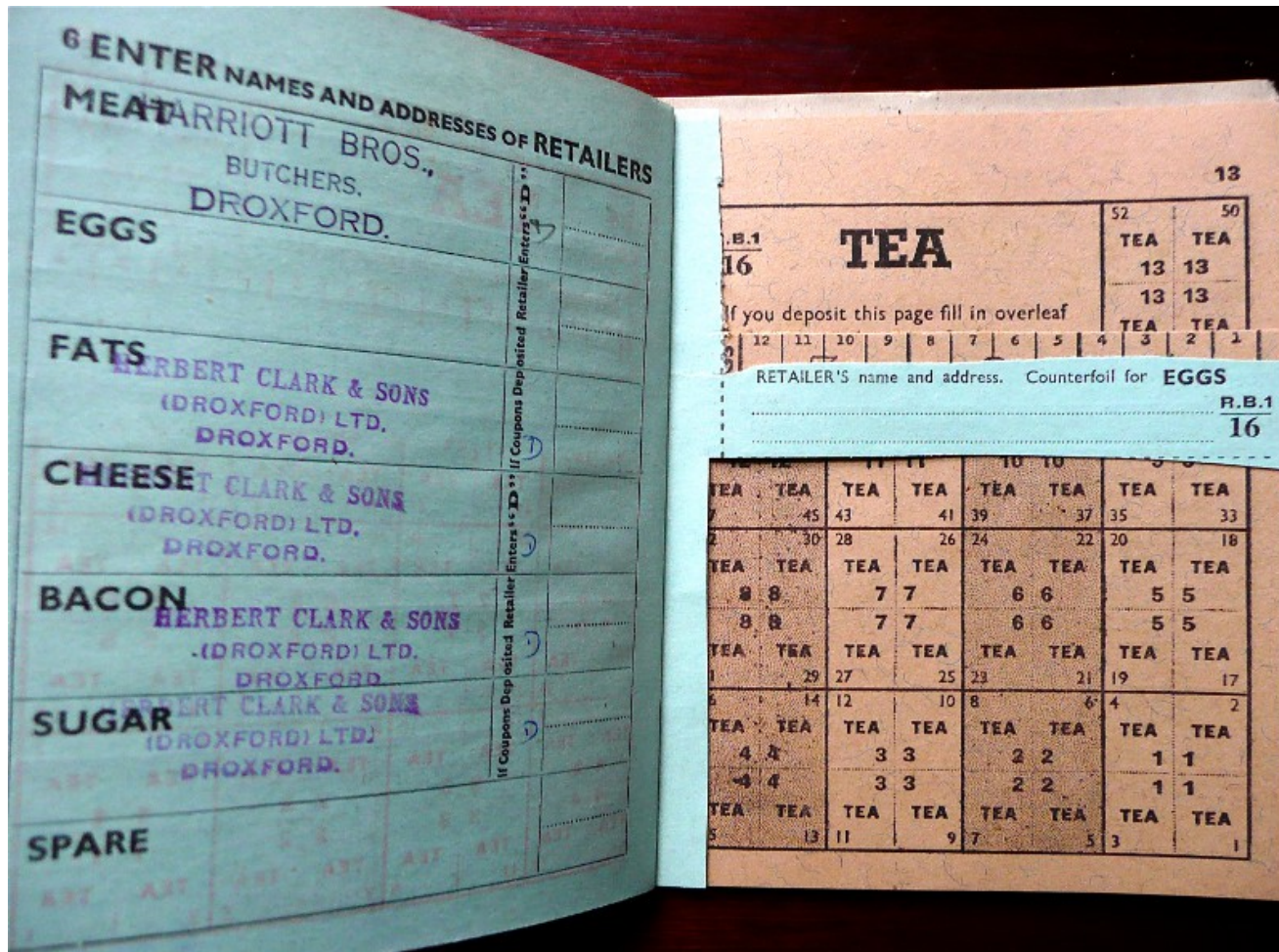
5 Megatrends

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5 Megatrends

Tape library, CERN, Geneva 2 by Cory Doctorow / CC BY-SA

5 Megatrends

Herry Lawford @ flickr

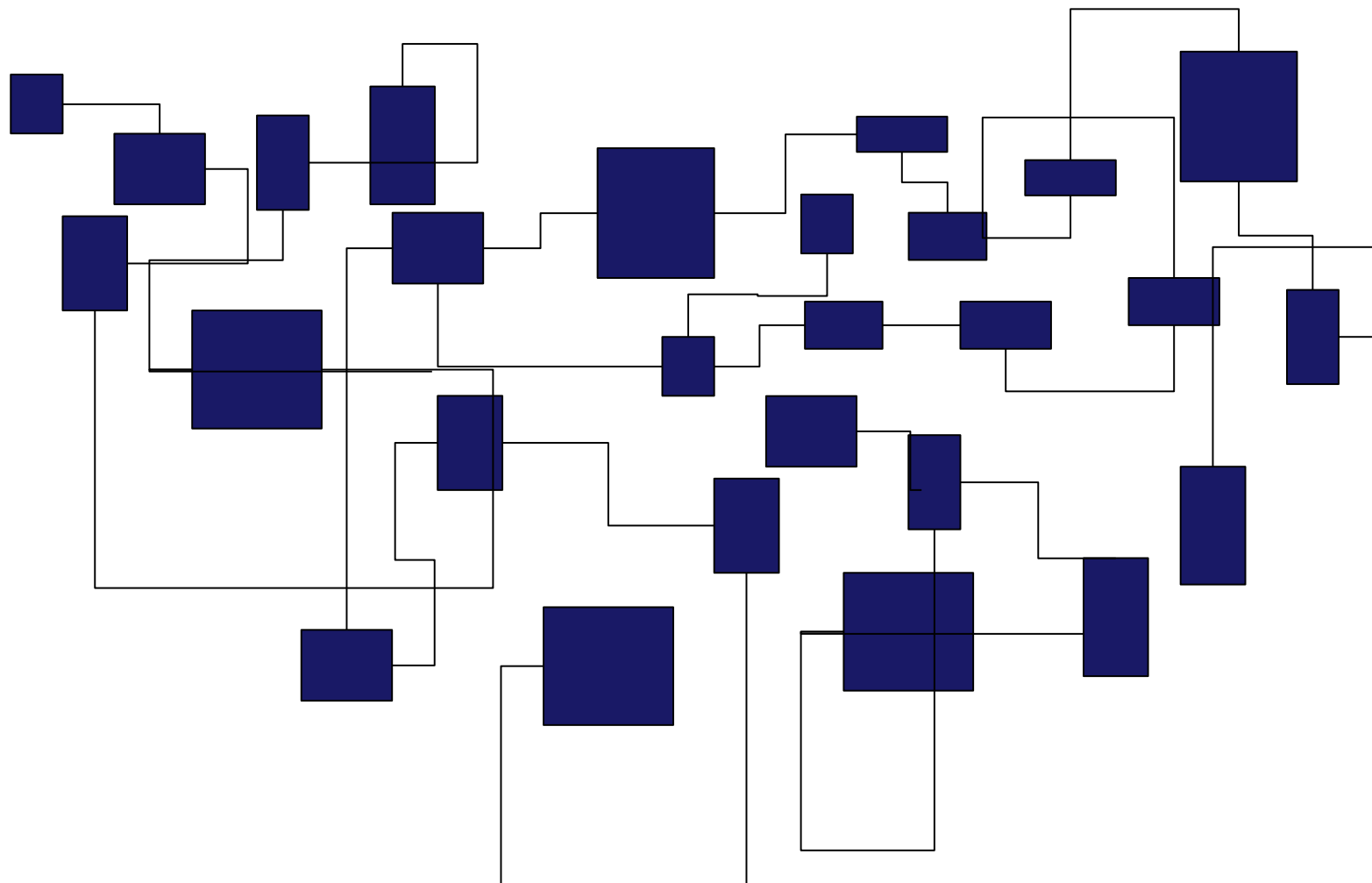# And then there's.....

Security

How does this affect our infrastructure?

Where are we starting from?
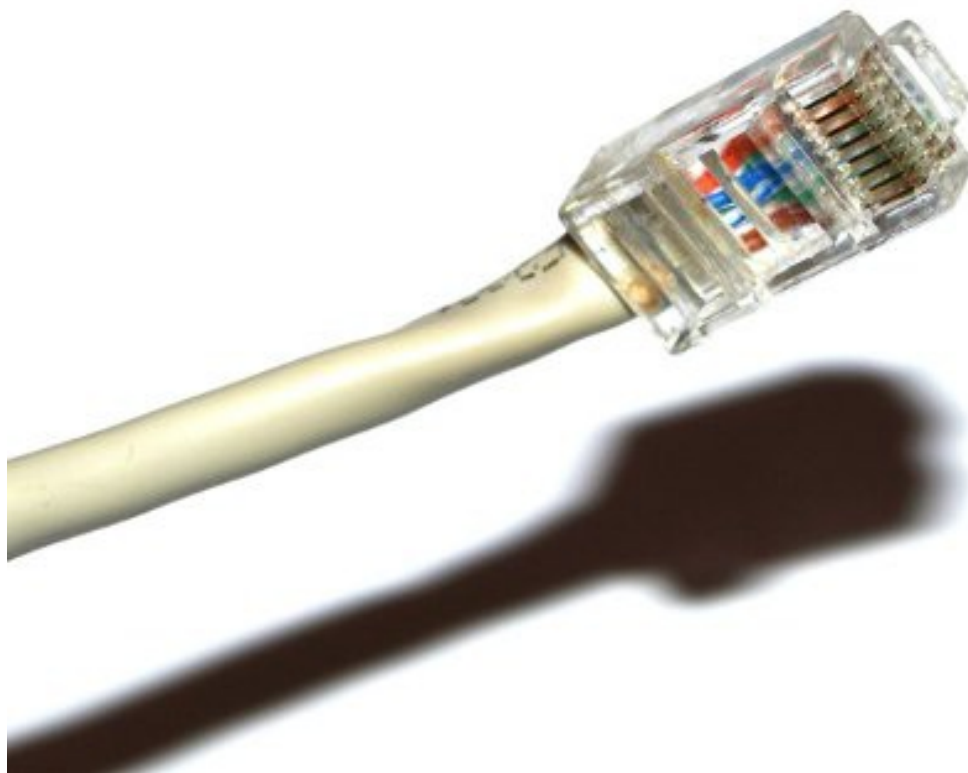
Why don't we just pop it into the cloud?
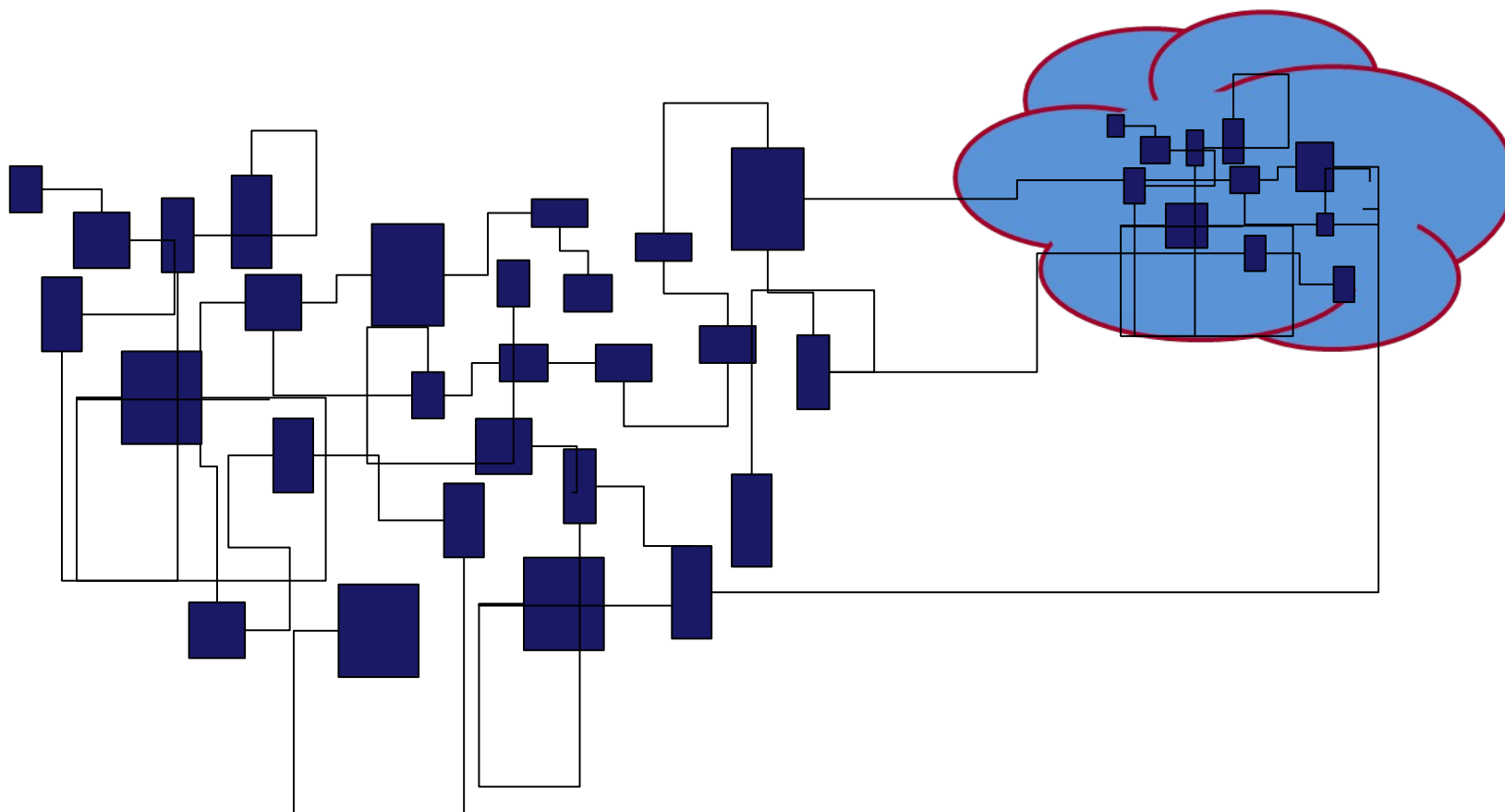

Image © Gary Barnett

For most organisations cloud doesn't really make things much simpler…

Q: How much does this help us to deliver the agility, reliability and low cost that our organisations demand?

A: Not very

An infrastructure manifesto

Just three things:

Simplify

Consolidate

Automate

This will feel like climbing Everest at times...

Image © Pavel Novak

What does it take to climb Everest?

Image © Gary Barnett

What does it take to climb Everest?

What does it take to climb Everest?

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Essential ingredients

- Core fitness – Laying the groundwork

  - The Dull stuff – counting things

- The right tools for the job

  - The right technology for the right workload

- The right team

  - Include everyone

- A mature approach to governance

  - Remember that "Policy" without "Governance" isn't policy.

What role could System z play?

A brief history of the platform…

1980's – Fortress Mainframe
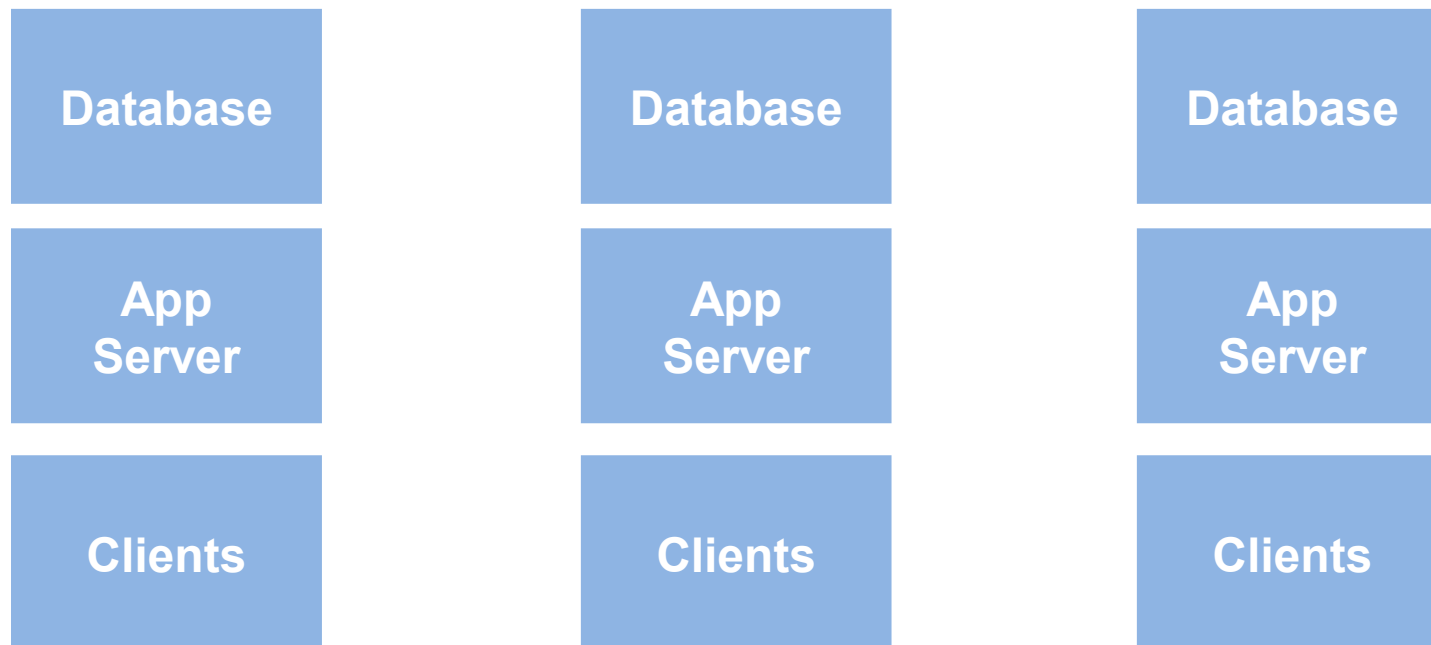
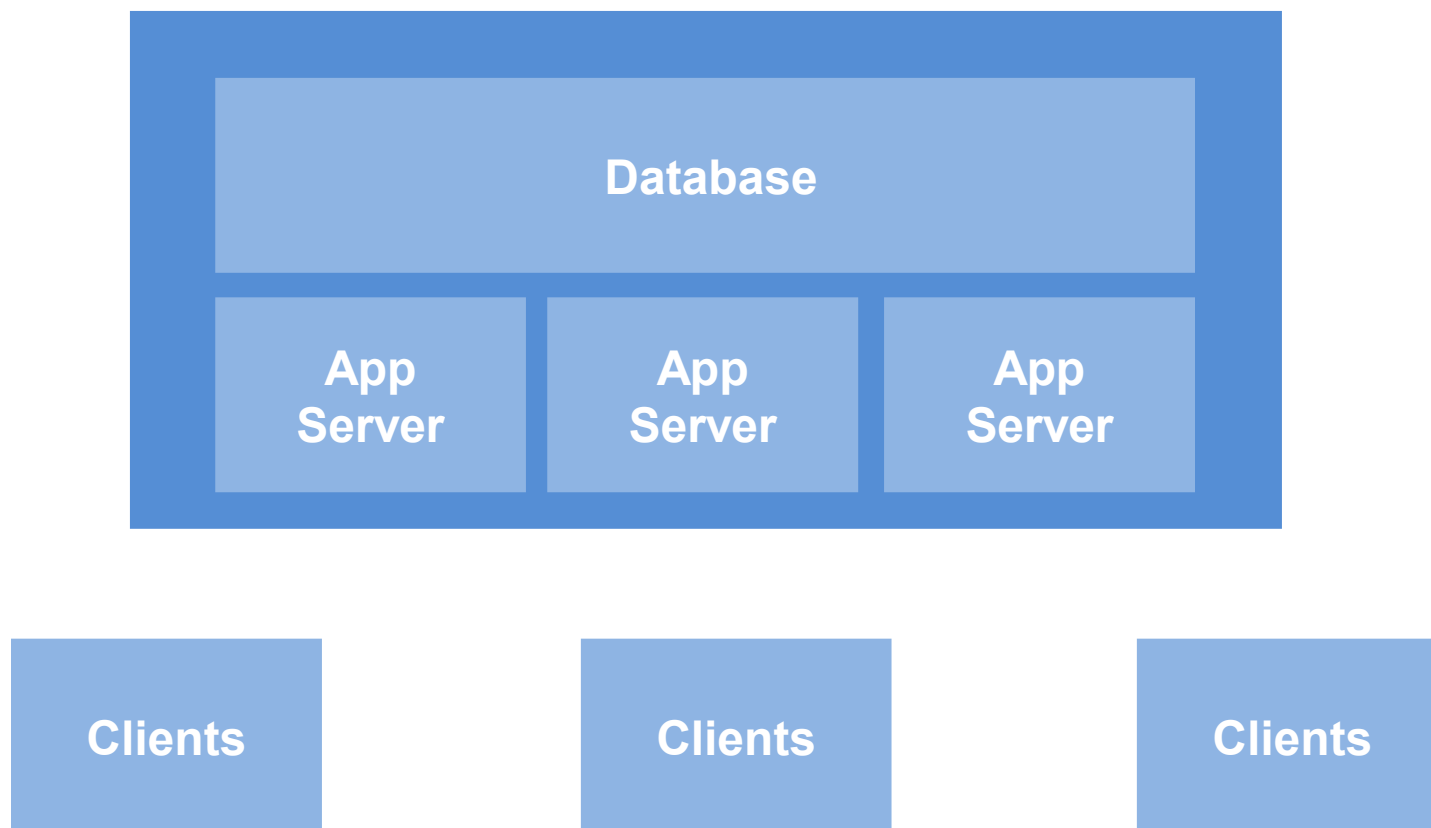1990's – Fortress Mainframe (plus drawbridge)

2000's – First class citizen

2010's – Cloud in a box

A simple example....

Simplify, consolidate, automate

Simplify, consolidate, automate

Key questions to ask

Costs

Facilities, People, maintenance

Risk

What do you need to do, and how much does it cost to make the environment reliable and secure?

Change

How long does it take to bring new functionality online?

Three things

- Check your foundations

  - Review your current environment

- Identify a couple of small projects

  - Aim to simplify, consolidate and automate a part of your infrastructure

- Make Simplify, Consolidate and Automate a key part of every key discussion

  - Keep asking the questions…

- … And repeat

  - Over and over again

Thank you,
Enjoy your journey

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