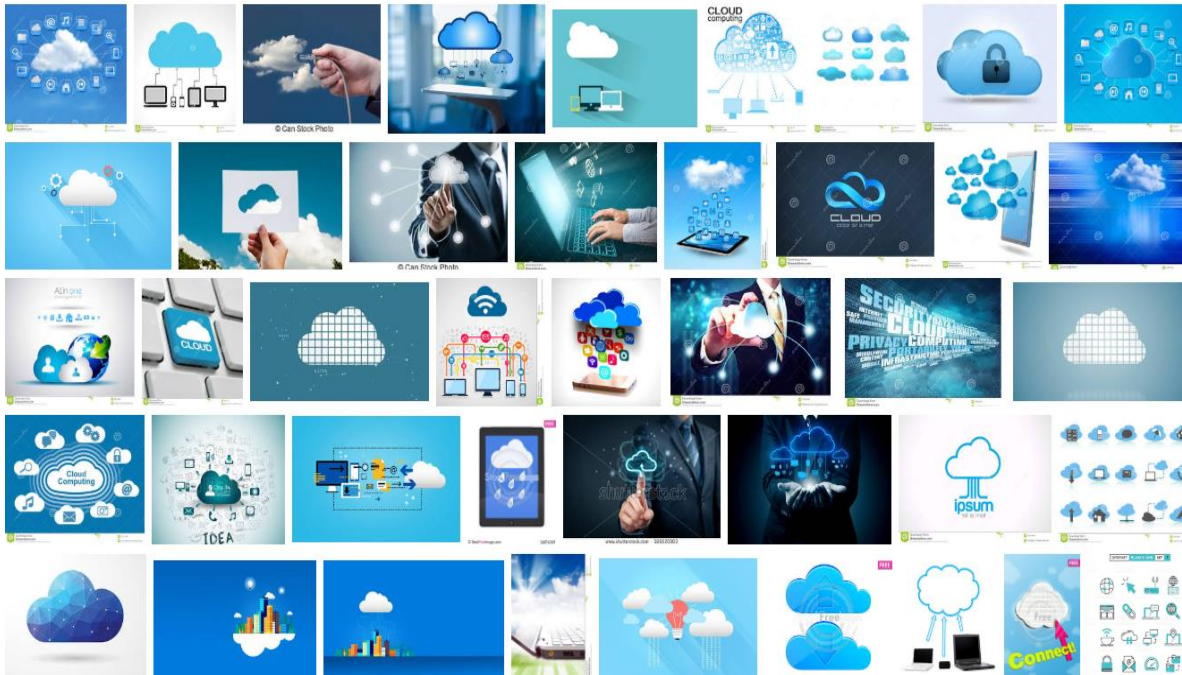




Cloud Computing @ ALGIM

May 2018

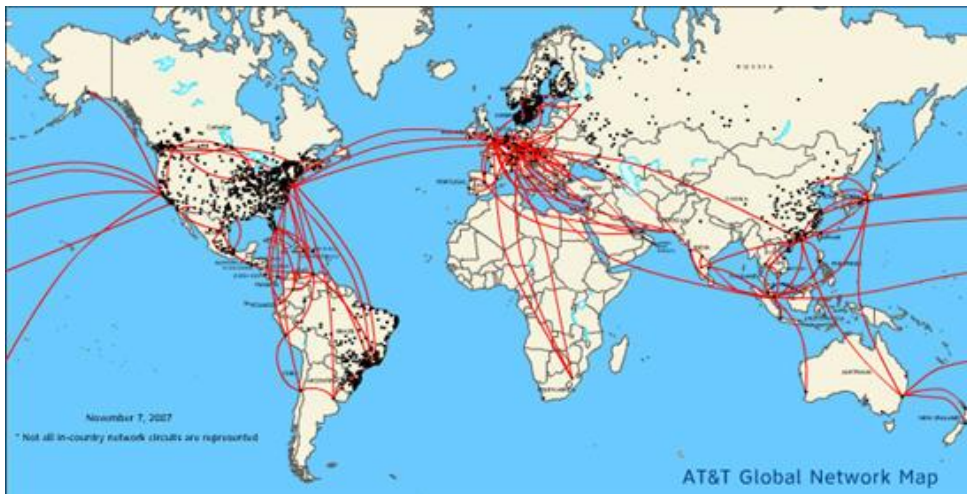
What is the Cloud? (Google Search)



*We know these are figurative, but what is the reality?
What do your customers mean when they say “the cloud”?*



What do we actually mean when say “the Cloud”?



What about your personal data?

- Do you know where your personal data is stored? Or data about you?
 - Photos in iCloud,
 - We talk about Facebook, Twitter, Instagram etc.
 - But, do you know where these are stored?
 - Medical information that you give to your GP, Physio, Dentist.
 - Banking and other financial information?
 - Do you and your family know how to find this?



Why “the Cloud”?

Why do we use “the Cloud”?

- It’s cheaper, right?
- It’s quicker and easier, right?
- It’s more flexible & scalable, right? (*Everything is configurable.*)
- We don’t have to wait around for our IT team, right?
- We don’t have space anymore, right?
- It is ‘next gen’, right?
- *It’s safer ... Everyone else is using it...*



What can go wrong?

- What happens when you (or NZ) don't have network?
- Support and Service Levels.
- Data Security, integrity, back up, & treatment of back ups.
- Privacy Compliance:
 - E.g., what does HIPAA compliant actually mean for someone in NZ using a US-based system?
 - Data sovereignty, your data will be subject to the laws of the country in which the data resides. How do you maintain privacy compliance if a foreign country can subpoena data.
- Integration with other systems – especially when you don't control change management.
- Users still need lots of training.



What can you do?

- Business analysis and risk assessments
 - Accurate understanding of what data is kept in these systems – then find the right solution.
 - Look at on-going operational costs.
 - Can you host your own instance – or host your own data?
 - Look for happy customers – in similar situations to yours.
- Always check contracts.
 - Get the Lawyers to read them,
 - and you read them too!
- Consider implementation costs – can you get a fixed price with a good service contract?
- On-going costs - What is the total cost of the system over 10 years?
- Plan for regular reviews:
 - Data Integrity.
 - Is the nature of the data still the same?
 - Has the law changed?
- Have an exit plan – can you use your data if you leave? Can it be exported to another system?

