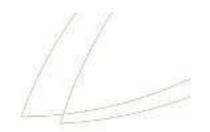
# Technically, this is what Federal Legislation looks like!

The Road to Technical Compliance

Peter Vanheck & Simon Coggins QUESTnet 2018 Conference, Cairns.



## What is this presentation about?



Recent Government Legislation

Our Journey Towards Compliance

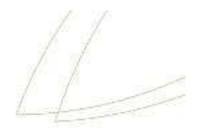
**Technical Design & Implementation** 







#### 1. Notifiable Data Breaches

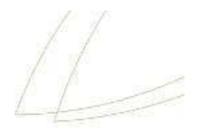


An eligible data breach is where a *reasonable person* would conclude that there is a likely *risk of serious harm* to any of the affected individuals as a result of unauthorised access or disclosure.

\* Privacy Act 1988, Privacy Amendment (Notifiable Data Breaches) Bill 2016



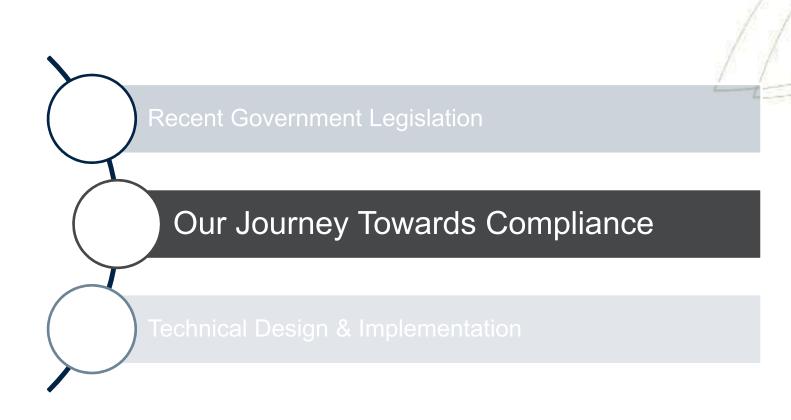
#### 2. Data Retention



Service providers are required to retain and secure for two years, specific telecommunications data relating to the services they offer.

\* Telecommunications Act 1997, (Interception and Access) Amendment (Data Retention) Bill 2015







# Our Journey: Notifiable Data Retention

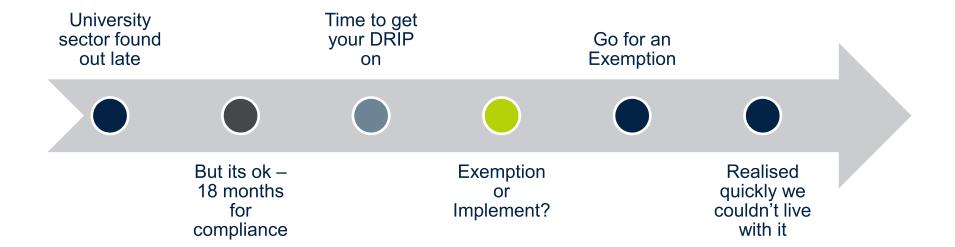






## It was a bumpy ride!

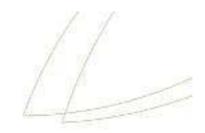






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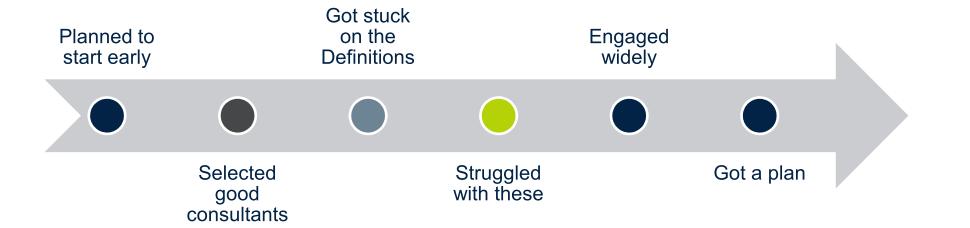
# Our Journey: Data Breaches





#### A much smoother ride!





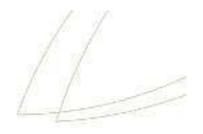


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# **Definitions: Data Breaches** What is a reasonable person? What is serious harm?

University

#### 1. Notifiable Data Breaches



An eligible data breach is where a *reasonable person* would conclude that there is a likely *risk of serious harm* to any of the affected individuals as a result of unauthorised access or disclosure.

\* Privacy Act 1988, Privacy Amendment (Notifiable Data Breaches) Bill 2016





#### A Reasonable Person ....

Routinely

shreds

sensitive

letters

Carefully protects identity docs

Does not disclose their date of birth

Regularly reviews their bank accounts

Uses discrete, complex passwords

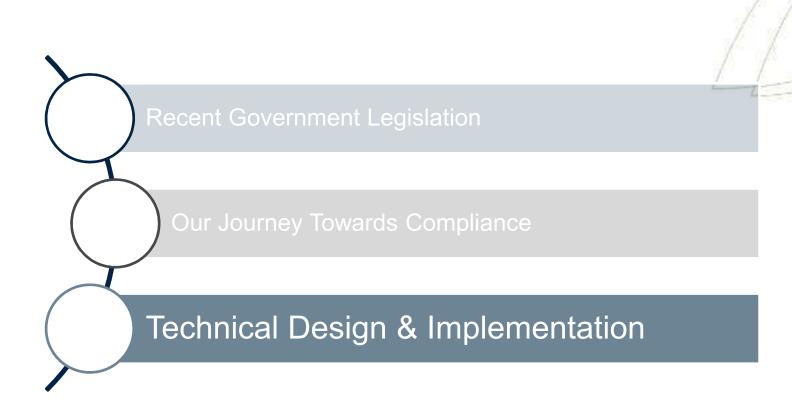
Maintains at least one copy of their hard drive contents elsewhere





#### Serious harm means ....







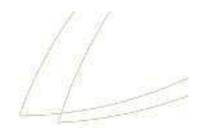


# Notifiable Data Breaches

**Process Flowcharts** 



# **High Level Process**

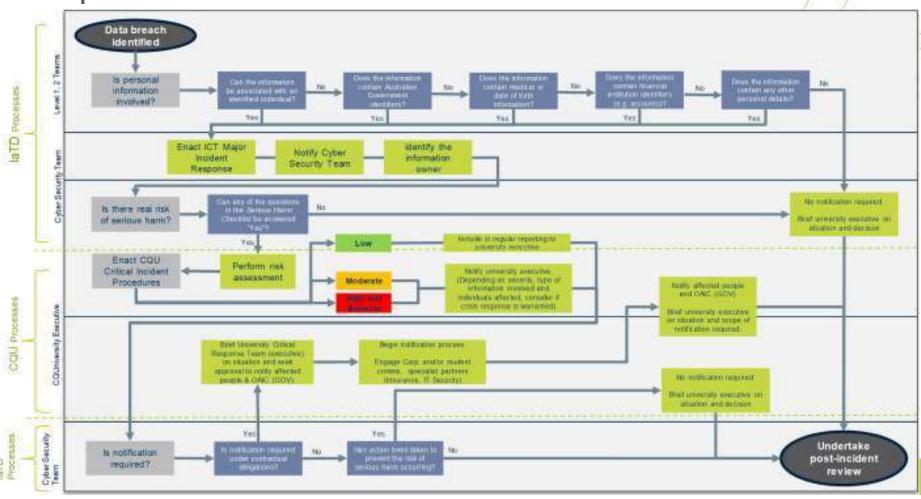






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#### Response Process Flowchart



# Challenges



#### **Definitions**

- What was a reasonable person?
- What serious harm meant?



Getting recommendations back quickly

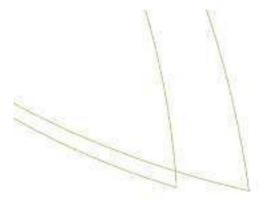




4-7 Day turnaround







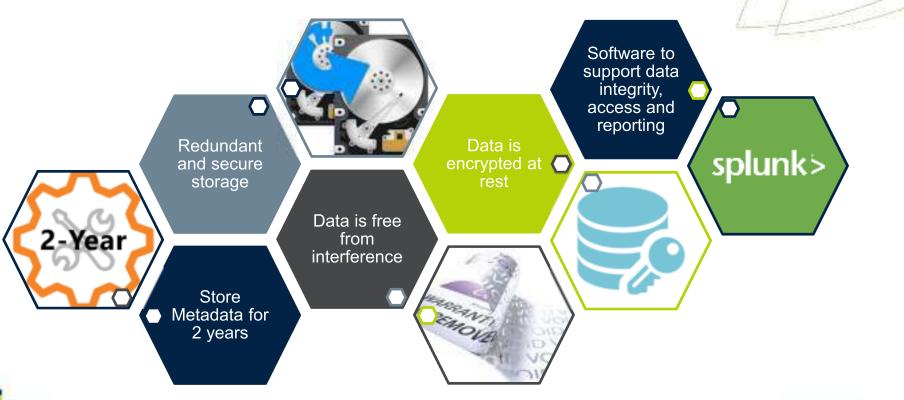
# **Data Retention**

Technical Overview with Simon Coggins



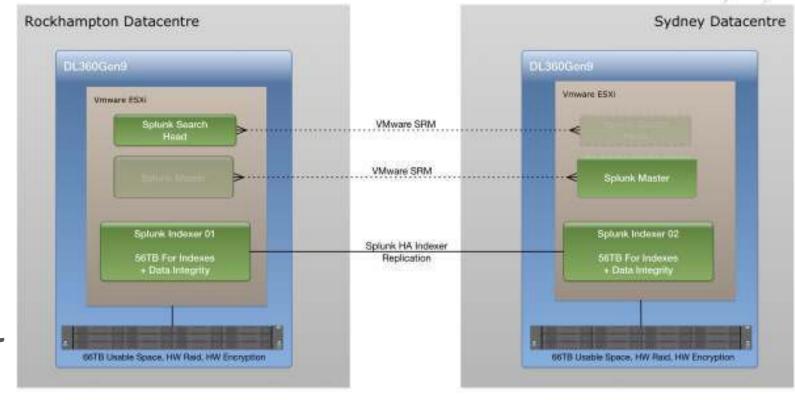
CRICOSFY InterCode: 802/302FF0 Code: 4063

## Design Criteria

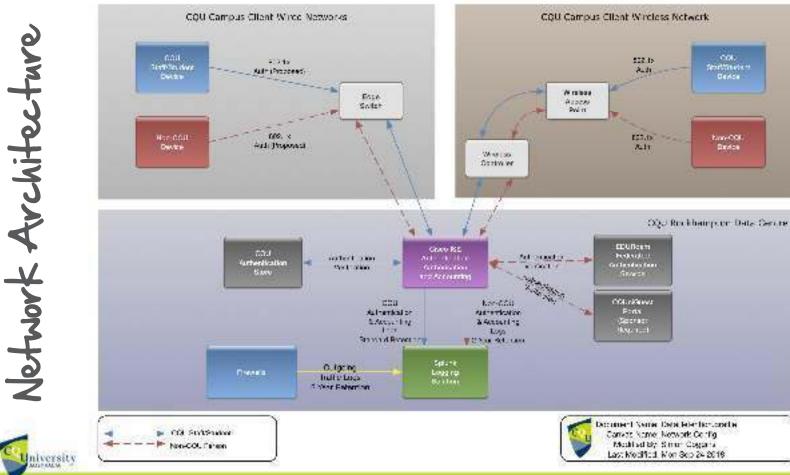


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# Challenges



No existing vendor solutions, DIY solution required.

#### External/Generic Accounts

- Singapore Army
- Academics sharing Wi-Fi logins
- Visiting Students from Schools
- Conference delegates / eduroam users





Law was written for telecom, with an internet band aide





