

# Accelerating Cloud Adoption

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New Zealand Government

# Disruption



- Disruption is the new normal
  - Globally interconnected, convenient and more efficient than ever before
- NZ Government challenge is to use disruptive innovation for our advantage
  - adopt the innovations that will enable our future

# Yes.....Exciting Disruptive Technology



But Its Really Only About.....Better Public Services

# What to Do ?- An agile ICT Strategy!

Enabling the public sector to exploit ICT-enabled opportunities

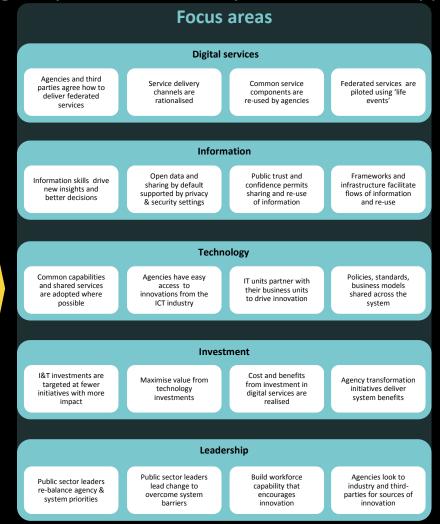
#### **Opportunities**

Exploiting emerging technologies

Unlocking the value of information

Leveraging agency transformations

Partnering with the private sector



#### **Outcomes**

Customers experience seamless, integrated and trusted public services

Information-driven insights are reshaping services and policies, and adding public and private value

Adoption of information and technology innovations is accelerated and value is being created

Investment in innovative digital services is being prioritised and benefits are being realised

Complex problems are being solved and innovative solutions are being adopted

# For Every Action There is a Reaction

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Strategy and Action Plan



# Implementing the Strategy

A new programme of work to deliver the Government ICT Strategy has been confirmed. **Guidance and Resources** 



# Cloud computing - new measures

Cabinet confirmed new measures to safely accelerate adoption c cloud services across governm



# A Dynamic Integrated Plan of Work

#### **Digital Services**

#### Easier Access to Digital Services for Individuals

'Delivering seamless and accessible services'

#### **Technology-Enabled Services for Businesses**

'Joined up services for businesses to reduce compliance costs and authorise others to act on their behalf when interacting with government'

#### Digital-Enabled Identity

Letting customers prove who they are online and giving them access to the right services and information'

#### Investment

#### ICT Investment Strategy

Ensuring that ICT investments are targeted to support digital services, and that benefits are realised'

#### Information

#### Building an enabling data environment and policy settings

'Updating the Privacy Act, ensuring the privacy and security of information, and facilitating a public conversation on the value and acceptable use of data'

#### Standards to enable sharing of data

'Common information and data standards to enable the sharing and integration of data across agencies'

#### Data analysis to inform decision-making

'Development of infrastructure and capability to produce new insights to improve government services and to inform government policy and investment'

#### Releasing information into the public arena

'Accelerating the release of government held information into the public greng. and enabling businesses and communities to access and use this information'

#### **Government ICT Strategy**

#### Outcomes

Customers experience seamless, integrated and trusted public services

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Adoption of information and technology innovations is accelerated and value is being created

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#### Benefits

ners can easily access the right

analysis and decision-making

meet changing needs

system is optimised to achieve value

Effective services are delivered in

#### Technology/Commercial

#### Establishing an ICT Marketplace

'Establishing a catalogue of ICT services from suppliers that can be easily consumed by agencies'

#### Accelerating adoption of cloud computing

'Removing barriers to the adoption of cloud services'

#### Common Capability Acceleration

'Shifting core government ICT services from ownership to an 'as a service'

#### Leadership/People

#### Information, Technology and Digital Leadership, Capability and Workforce

'Capability that enables us to get the service experience right for customers in a digital world and to deliver digital government goals'

#### Leveraging Agency Transformation Programmes

Looking at how major agency transformation programmes can contribute to delivery of the Strategy, and also how delivery of the Strategy can help to accelerate delivery of these transformation programmes'

# **Holistically Accelerating Cloud Adoption**

Requiring agencies to have a public cloud services plan Changing perceptions of the risk profile for public cloud Enabling agencies to transition their ICT operating models

Lifting the capability of cloud practitioners

Streamlining security certification for public cloud services

Modernising commercial frameworks

Require agencies to have a plan for using public cloud services

Benchmark, identify opportunities, monitor and report

Rescind office productivity restriction

Reshape and reposition cloud risk assessment process

Produce guidance on jurisdictional risks

Produce guidance on target operating models

Produce guidance on funding models

Produce guidance for secure use of cloud services

Produce guidance on managing shadow cloud Establish cloud centre of expertise

Educate public sector leaders

Support agency information classification

Produce guidance on security certification

Review security certification system

Centralise security certifications

Enable use of public cloud laaS services

Negotiate commercial arrangements

Establish ICT marketplace

Establish cloud deployment services

# Plan Of Work Deeper Dive

### Technology / Commercial

Adoption of information and technology innovations are accelerated and value is created

### **Accelerating Adoption of Cloud Computing**

ICT Marketplace

> Cloud Services

**Common Capability Acceleration** 

Software Acquisition Strategy (SAS) Telecommunications as a Service (TaaS)

## The Cloud Marketplace – Key Principles

- NZ Government is considered a single consumer
- User experience centric
- Align with relevant government legislation
- Will enable agencies to more rapidly exploit Cloud Services
- Have low supply barriers to entry to encourage innovation
- GCIO to act as Regulator rather than Broker
- Market will encourage price transparency and competitive categories
- Marketplace will be scalable and encourage transparency
- Marketplace will be delivered by using best-in-class agile methods and open standards

### **Cloud Marketplace Exploring the Design**

#### What are the benefits?



Encourages greater competition and innovation by opening up the market to significantly more suppliers.



Reduces the time and cost of the procurement process.

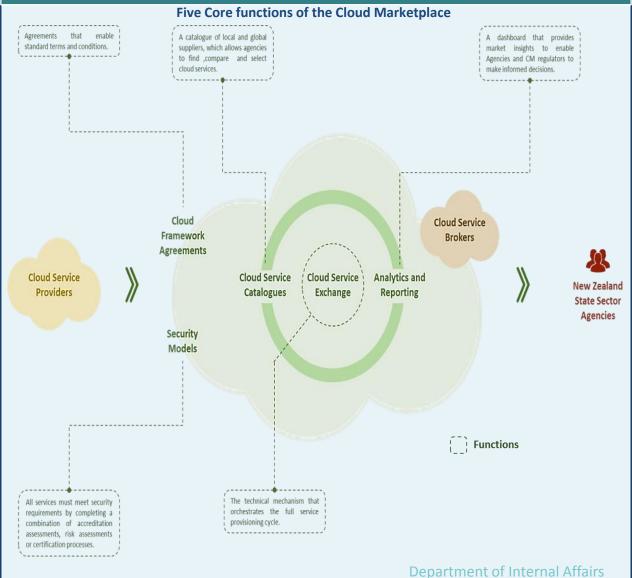


Improves security by certifying public cloud services.

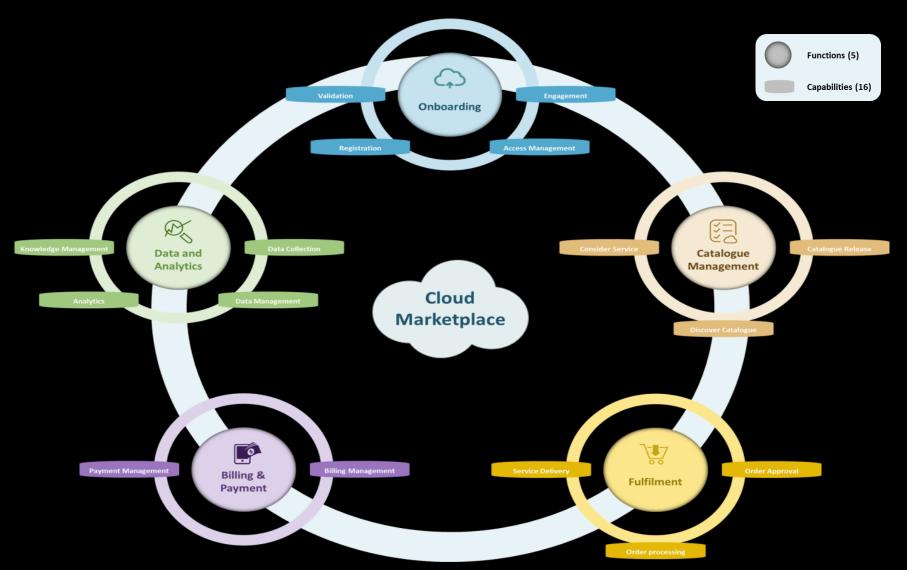


Provides analytics around All of Government public cloud service consumption and enables end to end management

### 'The Cloud Marketplace will enable the New Zealand government to adopt and transition to public cloud services in a trusted, easy and secure way.'



# **Prototyping & Validating Design Principles**



# **Summary**

- Why Cloud Is An Unprecedented Opportunity
- What Frictionless Marketplace Mechanism
- Who Connecting NZ Public Sector 300 with 1000s of Suppliers with aim of Better Public Services and Prosperous NZ [inc]
- How- CoDesigning and Integrated Human and Technology Programme
- When Prototyping Now and Delivering in 2017

# Thank You

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