To the “i” Cloud

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2011 The year of deployment

- MDMs
- Profiles
- Apps
iPad Usage

- Email
- Web
- Specific Apps
What can it do?

• “The iPad is for consuming content, not creating it”
What can it do?

• “The iPad is for consuming content, not creating it”
iPad Usage

- Email
- Web
- Specific Apps
- Standard productivity apps
  - Word Processing
  - Presentation
  - Spreadsheet
Business Needs

- Access our documents
  1. Simple
  2. Secure
  3. Comprehensive
  4. Collaborative
Accessing Documents in iOS

- Physical
- SD Card
- USB / iTunes
- Email
- Web
TO THE CLOUD!
iCloud - Documents in the Cloud

• *It just works™*
• 5GB with ability to purchase more
• iOS 5+ / 10.8+
• Syncs an applications documents
iCloud

• Requires 10.8
• Apps must be in the App store
• Silos Documents
iCloud Syncing
iCloud Syncing
iCloud Syncing
What about PC users?
Our Business Needs: iCloud

- Access our documents
  1. Simple
  2. Secure
  3. Comprehensive
  4. Collaborative
Dropbox (& others)

- Syncs files
- 2GB with ability to purchase more
- Windows/OS X/Linux/Android/iOS/...
- Pro ‘team’ version available
Dropbox (& others)

- The iOS iWork saving conundrum
Our Business Needs: Dropbox

- Access our documents
  1. Simple
  2. Secure
  3. Comprehensive
  4. Collaborative
ONE DOES NOT SIMPLY

PUT DATA IN THE CLOUD
Common ‘Cloud’ Issues

- Functionality
- Cost
ALREADY PAYS FOR ENTERPRISE STORAGE

HAS TO PAY FOR CLOUD STORAGE
Common ‘Cloud’ Issues

- Functionality
- Cost
- Payment
- Support
‘Cloud’ Account Issues

• Who owns the account?
• Hires/Fires
• Obtaining support
DROPBOX IS DOWN

BETTER DRINK MY OWN PEE
‘Cloud’ Support Issues

- Obtaining Support
- SLA
Dropbox is Available “AS IS”

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(https://www.dropbox.com/terms)
Obtaining Dropbox Support

Submit a help request

Couldn't find an answer in the FAQ or Forums? Tell us what problems or questions you have with your Dropbox account. Allow 1-3 business days for a response.

Subject

Details

Submit | Cancel
SHUT UP AND TAKE MY MONEY!
Potential Legal Issues

- Data Privacy & Sovereignty
- Australian Privacy Principle 8
Australian Privacy Principle 8

Current draft proposal

...the consequence of a company not taking ‘reasonable steps’ means that any breach by the overseas information-holder will be taken to have been committed by the company that exported the data.

(http://www.cio.com.au/article/382624/legal_issues_cloud_-_part_1/)
Cross Border Risks

“A lack of consistency in privacy laws across jurisdictions makes monitoring continuing compliance with Australian law and assessing risk of non-compliance extremely difficult and expensive.”

Potential Legal Issues

• Data sovereignty
• Australian Privacy Principle 8
• Security
• Patriot Act
• Computer Misuse Act (Singapore)
Consequences

- Withdrawal of Ethics Approval
- Fines
- Prosecution
Is it Possible?

• Risk Assessment
• Privacy Impact Assessments
• Policy Development
• Responsible Person
• Staff Training

(Office of the Australian Information Commissioner: “Guide to handling personal information security breaches - April 2012”)
X WORLD MAN

Y U NO GIVE ME SOLUTION
Leveraging Existing Storage

- Syncing is overrated
- VPN & FileBrowser
- WebDav
Our Business Needs: WebDav

- Access our documents
  1. Simple
  2. Secure
  3. Comprehensive
  4. Collaborative
WebDav Servers

• Good news if you have Windows File servers! http://community.spiceworks.com/how_to/show/1945

• NetApp Filers support it ($$$)

• Mac & *NIX file servers require a bit of integrating
WebDav Servers

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- DropDav - WebDav for DropBox
The future

• Better inter app communication
• Alternative “Office Apps”
• Microsoft Office on the iPad - November 2012 (perhaps).
QUESTIONS?