



**World 2012**

# 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”*

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# 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!**

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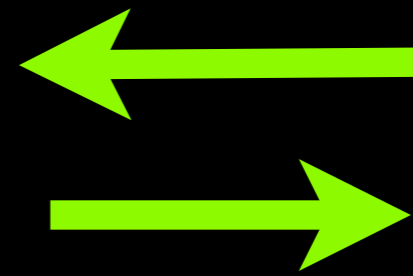
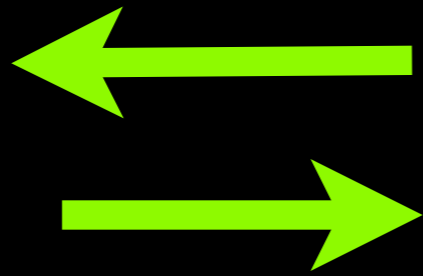
# iCloud - Documents in the Cloud

- *It just works*<sup>™</sup>
- 5GB with ability to purchase more
- iOS 5+ / 10.8+
- Syncs an applications documents

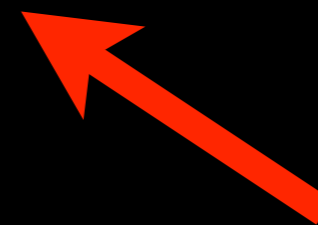
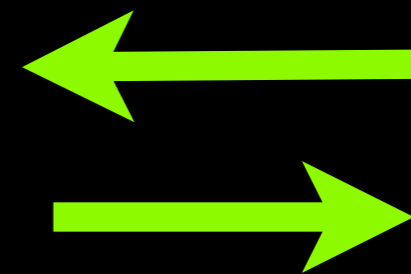
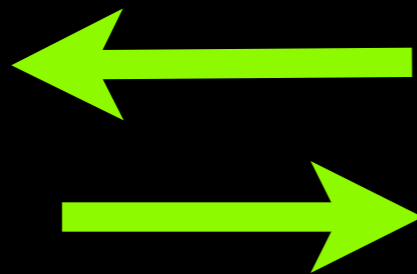
# iCloud

- Requires 10.8
- Apps must be in the App store
- Silos Documents

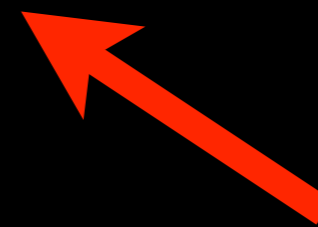
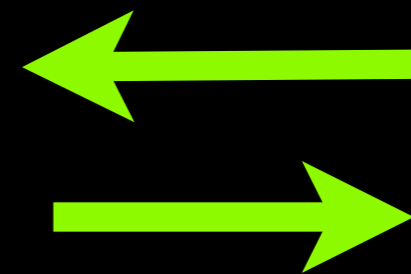
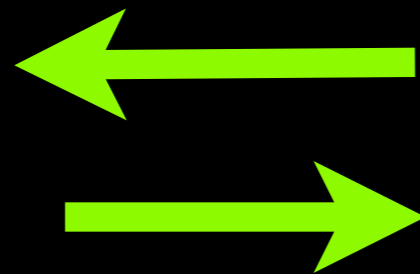
# iCloud Syncing



# iCloud Syncing



# iCloud Syncing



# What about PC users?





# Our Business Needs: iCloud

- Access our documents

1. Simple

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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

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# Common 'Cloud' Issues

- Functionality
- Cost

**ALREADY PAYS FOR ENTERPRISE  
STORAGE**

**HAS TO PAY FOR CLOUD  
STORAGE**

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# 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**

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# 'Cloud' Support Issues


- Obtaining Support
- SLA

# Dropbox is Available “AS IS”

*...THE SERVICES AND SOFTWARE ARE PROVIDED “AS IS”, AT YOUR OWN RISK, WITHOUT EXPRESS OR IMPLIED WARRANTY OR CONDITION OF ANY KIND. WE ALSO DISCLAIM ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.*

(<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**





# 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/](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.”*

(Whitepaper: “The Cloud and US CrossBorder Risks”, MacQuarrie Telecom )

# 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**

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# Leveraging Existing Storage

- Syncing is overrated
- VPN & FileBrowser
- WebDav

# Our Business Needs: WebDav

- Access our documents

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# WebDav Servers

- Good news if you have Windows File servers! [http://community.spiceworks.com/how\\_to/show/1945](http://community.spiceworks.com/how_to/show/1945)
- NetApp Filers support it (\$\$\$)
- Mac & \*NIX file servers require a bit of integrating

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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).

