



# Cloud Connect

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**NEXT**

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# Today's Agenda

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- The Cloud – What is it exactly?
- Public VS Private Cloud
- Benefits
- Risks
- Geek-a-Palooza Show and Tell Session
- How to Get Started and Save \$\$
- Resources/Links/Q&A

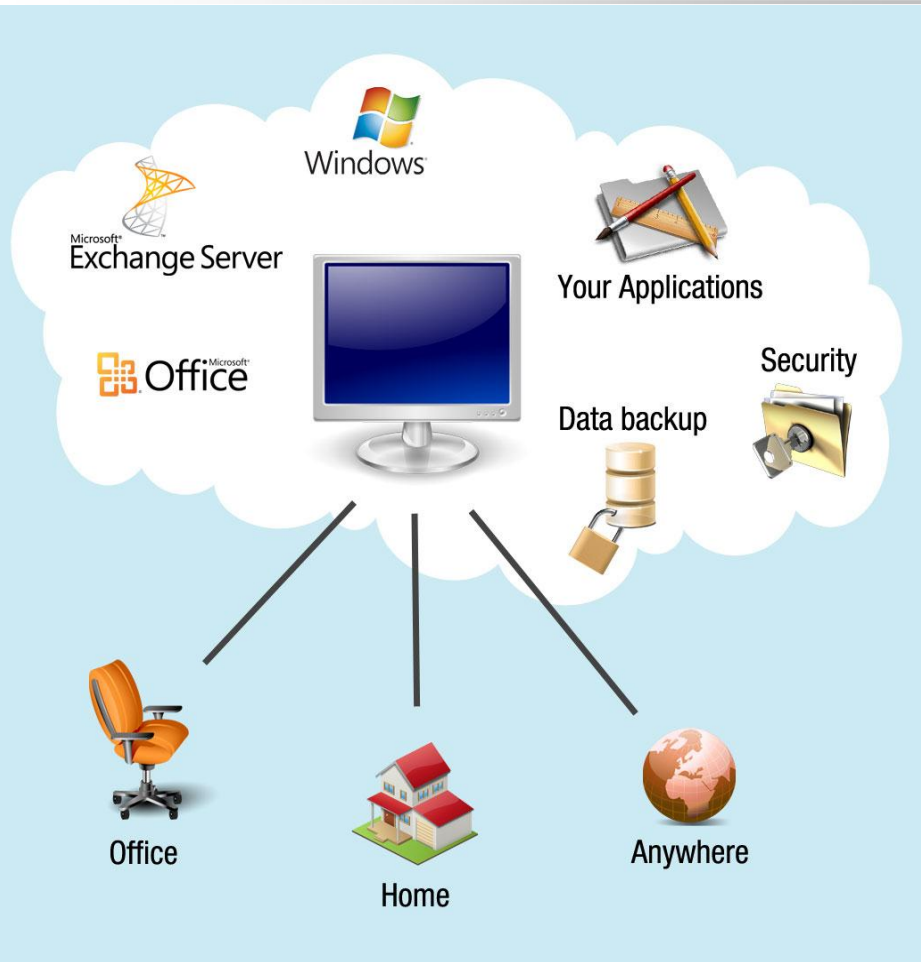
# So What Is The “Cloud”

- If your confused – you are not alone
  - We are constantly bombarded with contradicting and misleading advertising
  - Our goal today is not to define or debate what exactly the cloud is, but to discuss what we should be considering doing with it to manage our lives and businesses more efficiently
- Before we start, who thinks they are currently engaging in some form of “Cloud” activity

# Some Common Definitions

- A Marketing Term for....
  - Computation, Software, Data Access, and Storage *without end user knowledge of details*
- A Delivery Model for I.T. services and Application Delivery
- Computing as a **service** VS a product
  - It's all about "Sharing" (Resources)
  - Shared Infrastructure
  - Shared Platform
  - Shared Applications

# Today's Cloud



- The ability to access data/processing power through the internet from multiple devices

# Some Cloud Examples

- Hosted Voice – Grasshopper/Virtual PBX
- Hosted File Storage – Amazon S3, iCloud
- Hosted Messaging – Exchange
- Hosted Collaboration – SharePoint
- Hosted Applications – Office 365
- Enterprise – Office 365
- Social – Facebook, LinkedIn, Twitter
- Business – Salesforce, Netsuite, Fusion ERP

# Clouds Through History

- Two or more devices sharing resources
  - Power and Telephone Grids
  - Radio and Television Networks
  - Office Networks and the Internet
- Historical Progression
  - Infrastructure (Wires, Towers, Fiber, Satellites)
  - Platform (Standard Operating Procedures)
  - Applications (End User Benefit)

# Some Stats to Ponder



Courtesy of AMD and YouTube

# Private VS Public Cloud

- Public Cloud



- Amazon EC2, Rackspace, etc.

- Private Cloud



- Dedicated environment and I.T. Resources for a particular organization

- Hybrid Cloud

- Mix of Private/Public ( You need to know )

- Personal Cloud



iCloud

- iCloud, Hotmail, etc.

# Private VS Public Cloud

- Most of us probably belong to a private cloud
  - Your home and office networks for example
    - Maybe some remote access to files, an application, or even an entire desktop
- Most of us probably use some kind of public cloud
  - Anyone use Facebook, iTunes, or Gmail 😊
- For today, “Cloud” will mean “Public Cloud”
- So now how many of you think you are engaged in cloud

# Know Your Data Center

Redundant Power Systems

Video Surveillance

10 Main Internet Connections

Biometric Hand Scanner

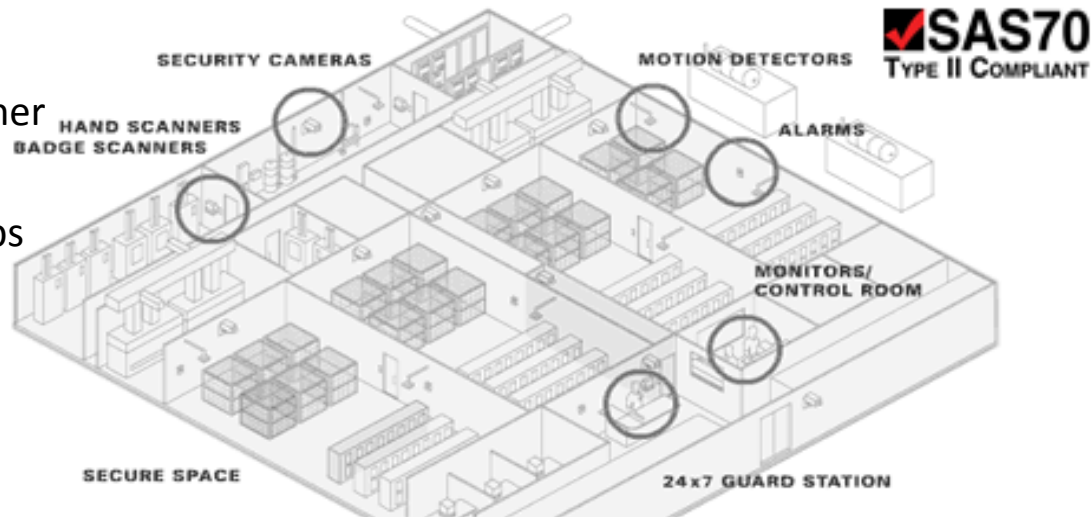
Managed Daily Back-Ups

Humidity Controlled

Fully Encrypted Data / https connections

Multiple HVAC Units

Zone Specific Fire Suppression



# Time For Geek –A- Palooza

- A day in the life of a nerd
- How many nerds are there? (Other)
- Smart
- Table



# Geek -A- Palooza - My Day


- I wake up to my favorite song playing on my Sony Dash or Docked iPhone and check the weather
- I grab my coffee and my iPad open up to see how our market is doing
- Time to check the news and everything
- Let's see what the stock market looks like
- Take a sneak peek at Facebook and LinkedIn, grab my smartphone, and head to the client



# Geek -A- Palooza

- I dock my phone so it can charge and issue my voice command to go to the client and use Google Maps to guide me. I take note of the traffic and construction so I decide not to stop for breakfast
- I ask my GasBuddy app to check fuel prices and guide me to the cheapest spot along my route
- I kick on Pandora and listen to my favorites to help pass the times. I should really be listening to that self help book I just purchased on Audible.com

# Geek –A- Palooza

- Oops, forgot my iPad at home, better switch to my phone
- Quick check of my appointment details and enter my mileage. Better check open service tickets and sales activities before I head in
- Play a little angry birds while I wait in the lobby 
- Enter my notes and To Do items during the meeting so I won't forget
- Head on home – Use speech to text to update the homeowners minutes on our shared OneNote on SkyDrive

# Cloud Solutions for Business

- Show and Tell ( Applications and Devices )
  - Virtual Desktop
    - RDP ( MS Terminal Services )
    - Onlive Desktop ( iPad App )
  - Virtual Office
    - Cloud Connect ( Key Methods Solution )
    - Individual Business Apps ( Citrix XenApps )
  - iPad as a device
  - Android phone as a device

# Benefits for My Business

- Similar to those of having a company network plus
  - Not confined to a local office network
    - Home, Hotels, Planes, the Lodge 😊
  - No upfront capital expenses or overbuilding
  - Operational expenses are based on usage
    - Better scale – Per employee, app, or GB
  - Faster deployment and termination
    - Easier to utilize temporary employees and contractors

# Benefits for My Business

- Better security
  - Reduce all the copies everywhere
  - Quickly turn off access to everything
- Better Disaster Recovery options
  - Get to resources from alternate locations
  - Easily replicate environments
- Become device and operating system agnostic
  - BYOD now a reality

# Are their risks?

- Unfortunately, all this goodness does not come without some risk ( But Very Manageable )
- Our job is to help you identify the risks and make the best choices for you and your business
- What if I can't use it - Disrupted Service
  - Starbucks ☺
- Whenever possible we identify your “Plan B” or action plan in advance
- Security – Make sure you have it !
  - Your closet or a SAS70 datacenter

# How to save \$\$ in the Cloud

- Analyze your current spend on all I.T. services
- Take a serious look before spending any large \$\$ on Hardware, software or infrastructure updates
- Stay on top of what is currently available
  - Attend events and webinars like this one
  - Subscribe to newsletters and blogs  
<http://www.keymethods.net/newsletter/>
- Start small and in a test environment
- Make sure it works
- Have a “Plan B” – What will I do if XXXX happens

# Best Time to Go Cloud

- When it is time to refresh servers, backup systems, storage networks
- When you have exhausted improvements gained from virtualization
- When you need to upgrade software
- When you need more mobility

# When Should I Go Cloud ?



# Additional Resources – Q&A

- <http://www.keymethods.net/cloud/>
- <http://www.keymethods.net/newsletter/>
- <http://www.youtube.com/watch?v=KaYH0gIW41c>
- [http://en.wikipedia.org/wiki/Cloud\\_computing](http://en.wikipedia.org/wiki/Cloud_computing)



# Thank You

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