Cloud Computing For Local Government

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Cloud Computing for Local Government

• What is Cloud Computing?
• What is the right solution for Local Government?
• When is the right time to adopt?
• How can this be a huge enabler for:
  • Your organization
  • Your citizens
What is Cloud Computing?

Cloud computing model is:
...pay-per-use service,
...that extends existing IT capabilities,
...in real time over the Internet.
When is Cloud Computing Right for You?

- Is the breadth and depth of your IT support insufficient?
- Are you faced with reoccurring significant desktop and server capital expenses?
- Do you need increased mobility for your staff?
- Are you unable to tackle strategic IT issues because you spend all your time on tactical problems?
- Is your data stored in an off-site location?
- Are you worried about the viability of your business if disaster strikes?
- **Do you just want to get out of the day-to-day IT business and focus on your core competency?**
Common Premise Based IT Environment

Expensive in time and resources to install and maintain!

- 3 - 4 year refresh cycle for PCs
- 4 – 5 year refresh cycle servers
- Reoccurring software license fees
- Insufficient skill level of IT staff
- Lacks adequate backups & security
- Slow restoral of critical business processes after a disaster
A New IT Solution Option to Consider

Premise Based IT Solution

Enterprise Class Data Center
A New IT Solution Option to Consider

**Hosted IT Solution**

**Enterprise Class Data Center**

- Mouse Movements
- Keyboard Strokes
- Pixel Changes
- WAN/LAN
Delivery Models

- **Hybrid**
  - Some components in the cloud
  - Some components continue to be premise based
Premise

- **You buy** servers
- **You buy** desktops
- **You buy** storage & back-up systems
- **You buy** all network equipment
- **You pay** someone to maintain and support it
Cloud

- **Vendor provides** the servers
- **Vendor provides** the PC, monitor, keyboard and mouse
- **Vendor provides** the storage
- **Vendor provides** the file backup, and disaster recovery
- **Vendor maintains** your environment 24x7

- You only pay for what you need
- Little to no up-front capital cost
- Scale up/down much more quickly
Partial List of SERDI Cloud Based Users

COGs, Planning Districts, etc.

- Lee-Russell Council of Governments, AL
- Land of Sky Regional Council, NC
- Upper Savannah Council of Governments, SC
- Lower Savannah Council of Governments, SC
- George Washington Regional Commission, VA
- Triangle J Council of Governments, NC
- Kerr Tar Council of Governments, NC
- Mid-East Commission, NC
- Waccamaw Council of Governments, SC
- Eastern Carolina Council of Governments, NC

- North Carolina League of Municipalities
- Municipal Association of South Carolina
Cloud Desktop Components:

- Applications
- Storage
- Backups
- Support
- Hardware
- Reports and Documents
What’s Included?

Standard Applications

- Microsoft Windows 7
- Microsoft Office Standard Edition
  - Word, Excel, PowerPoint, Outlook, OneNote...
- Microsoft Exchange Email

Client Applications

- Host your existing applications
  - Finance, GIS, Utilities, etc.
- Third party vendor coordination
What’s Included?

Storage
- Individual and shared file storage for all users

Backups
- Nightly backup to alternate data centers
- Optional 10 year email auto-archive for public records retention
What’s Included?

Security
- SPAM filtering
- Anti-Virus
- Optional web filter & URL blocking

Support
- 7x24 Service Desk
- 7x24 Proactive and Reactive
- Remote and Onsite Support
- Software application support
- Third Party Vendor Coordination
What’s Included?

**Hardware**
- Thin Client, keyboard, mouse and monitor
- All-in-one unit

**IT Director Services**
- Budget planning services
- IT Documentation
- IT Performance Report
- Best Practices and Policies Library
Why Cloud Based Desktop?

- **Never purchase** a PC or server again
- Cloud desktop access to all your apps from **ANY device from ANY location**
- Utilize **more reliable** and powerful computers
- **Eliminate** unplanned technology expenses
- Built-in disaster recovery and business continuity

*Focus on core competency...not IT infrastructure!*
Thank You!

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VC3 Background

Extensive Local Government IT Experience

• Relationships with >160 municipalities, counties, COGs
• Focused on small and medium local government
• Over 20 years experience
• Broad suite of technology solutions
• 95+ employees
• Southeast regionally located
  • Alabama, Georgia, North Carolina, South Carolina, Tennessee
• Endorsed Technology Partners
VC3 Solutions

A Broad Menu of Choices!

- Managed Services – Premise and Cloud Based
- Hosted VoIP Telephone Solutions
- Cloud Based Backups
- Disaster Recovery Solutions
- Website Design and Hosting
- Technology Assessments
- Network Design and Implementation
- Certified SharePoint Consulting
- Application Development
Partial List of Municipal Clients in the Cloud

Over 160 Local Government Clients

- Decatur, GA
- Valdosta, GA
- Hendersonville, NC
- Powder Springs, GA
- Milton, GA
- Waynesville, NC
- Hiram, GA
- Sumter, SC
- Lancaster County, SC
- Mount Olive, NC
- Ulster County, NY
- Florence, SC
- Clayton, NC
- Mauldin, SC
- Boiling Spring Lakes, NC
- Chamblee, GA
- Emerald Isle, NC
- City of Lancaster, SC
- Covington PD, GA
- River Bend, NC
- Whiteville, NC
- Winterville, NC
- Ayden, NC
- Belmont, NC