



Enabling Telework through Cloud Computing

Patrick Binsol

Director of Information

Technology

pbinsol@lore.net

(703) 542-1298

www.lore.net



The 10 minute overview

- **What is “Cloud Computing”?**
- **Can all my applications live in the Cloud?**
- **Is it Fast?**
- **Is it Secure?**
- **How much does it cost?**



What is Cloud Computing?

- **“Cloud Computing” is not a new concept. It simply keeps changing names.**
- **The ability to distribute data and/or applications from a few resources to many users. Work from anywhere, at anytime, to do anything.**
- **The growth of today’s “Cloud” has been fueled by inexpensive high-speed internet access, and the convergence of many computing technologies.**



Compatibility

Can all my applications live in the Cloud?

- **If it runs on a computer, it can run in the Cloud.**
- **All mainstream business applications are “cloud friendly”.**
- **Exercise diligence through research, testing, piloting, and careful planning.**



Is it Fast?

- Applications can perform just as well, if not better, in a Cloud environment.
- Same rules apply: Infrastructure, Design, Configuration, Planning.
- Exercise diligence through research, testing, piloting, and careful planning.



Is it Secure?

- **Data is protected by the same means it is protected today. BETTER means in most cases.**
- **Adopted by all of Fortune 100. Most of Fortune 500.**
- **Adoption by Federal agencies and Dept of Defense.**
- **Reliability, Scalability, Disaster Recovery, Business Continuity/CoOP.**



How much does it cost?

- **DIY Cloud vs. Shared Clouds**
- **Virtual applications vs. Virtual systems**
- **Requirements (scale, applications, redundancy, fault tolerance)**
- **Cost SAVINGS: Real Estate, Server & PC refreshes, Travel expenses**
- **“Green IT”: Reduced power consumption, Reduced travel, Reduced waste**
- **Phased approach**



Thank You!

Patrick Binsol
Director of Information
Technology
pbinsol@lore.net
(703) 542-1298
www.lore.net