



Cloud Computing for the Enterprise

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What is *Cloud Computing*?

Cloud Computing is a set of IT/Business application services that companies provide for a pay-per use or rental basis. Storage, servers, and applications also fall in this realm of **Cloud Computing** and are available on-demand basis. Therefore procuring hardware, software and applications can just be done in hours unlike the traditional ways of establishing data centers before one could focus on building/delivering the business solutions. These services are highly **Scalable** and **Elastic**, so it can adapt to the growing needs of a business.

Cloud Computing eliminates the need for costly data centers and management, as the *Cloud* vendor provide, manage and monitor the health and availability of the infrastructure.

What's in the *Cloud*?

A Cloud can be made up of resizable **compute capacity** allowing one to procure hardware, software and storage capacity on-demand as a service. Amazon's **Elastic Compute Cloud** (EC2) and **Simple Storage Service** (S3) are the classic example of this model.

Another form of Cloud computing can be made up of a **platform** and solutions stack delivered as a service generally referred as **PaaS** (*Platform-as-a-Service*). **PaaS** allows for quick development and deployment applications. *Google's PaaS* is a classic example of this model.

On-demand software delivered as a service generally referred as **SaaS** (*Software-as-a-Service*) are the base for Cloud Apps. **SaaS** is a model of software deployment whereby a provider licenses an application to customers for use as a service on demand. **SaaS** software vendors may host the application on their own web servers or download the application to the consumer device, disabling it after use or after the on-demand contract expires.

Salesforce.com SaaS is a classic example of this model.

Benefits of *Cloud Computing*

- >> Low upfront investment
- >> Quicker turn around
- >> Quicker Return On Investment
- >> Reduce Total Cost of Ownership
- >> Proven Security methods
- >> Automatic system and software upgrades
- >> Guaranteed Performance
- >> Lower Operating Expenses
- >> No costly downtime
- >> Reduced financial risk
- >> World class Infrastructure
- >> Redundancy (Servers, Power, & Bandwidth)
- >> Easily scale upon needs
- >> Pay per use model

Concerns of Cloud Computing

How secure is my data? Will our data be kept private? How secure is the infrastructure? Can someone crack it and expose our data openly to the Internet? How is the physical security managed at the facilities? Where our data are being stored? How secure is customer confidential information, social security number, credit card information, addresses?

To address and handle the sensitivity around the information privacy and security, Companies such as Amazon, Salesforce.com and Google have invested millions of dollars in building their secure infrastructures and policies that govern and guarantee data security.

Where does our data reside and what control we have on it?

Your data is stored in the secured data centers of the cloud vendor. You will have absolute control on your data and will be able to define who could access it. Many cloud vendors have helpful tools to import/export data from the cloud in a secured manner. Your data is your property and cloud vendors will interfere in no way with it.



What are the service guarantees?

Cloud based companies have a 99.9999% uptime guarantee and the backups along with redundancy technology makes it a prime choice to move your enterprise to cloud computing. These companies are SAS70 certified which shows the effectiveness of internal controls and data security safeguards, making sure their services are met with the highest industry standards.

How can *Cloud Computing* help us?

You and your company *can enjoy the benefits of Cloud Computing at multiple levels.*

Reduce the TCO (**Total Cost of Ownership**) for your IT organization by moving your IT infrastructure onto a suitable *Cloud*. This not only eliminates the operational overheads, but also guarantees a world class IT infrastructure which can scale up/down on demand. Quickly commission and de-commission hardware and software stacks just in matter of minutes on Amazon Cloud, eliminate the need for procurement of costly servers, racks, power supplies and memory. You can enjoy just the same benefits of a well established and managed data center by paying a nominal service fee to the vendor. Remember, when it comes to scaling down, it is just a matter of a '**how much**' you want to scale down, NOT "**at what cost**" you will scale down.

Increase the efficiency of your company through cost effective solutions through Google Enterprise Apps for messaging, sharing and collaboration. Increase the success rate by building/migrating apps onto Google App Engine and Force.com platforms. Building/Migrating apps onto Google and Force.com gives you the competitive advantages of quick-to-market time, global market place, very attractive on-demand, pay-per use subscription offerings and the leverage from the reputation and trust gained by Google and Salesforce.com as the leaders in the PaaS and SaaS market segments.



About Clerisoft

Clerisoft Inc. is a software applications and services company specializing in **Enterprise Cloud** computing. Clerisoft has proven track record in helping companies migrate to cloud computing and leverage the benefits of enterprise clouds.

Through our strong relationships with the leading Cloud vendors Google, Salesforce.com and Amazon, we are uniquely positioned to help you achieve your goals by **reducing the TCO** (Total Cost of Ownership) and **delivering a quick ROI** (Return on Investment).

With years of experience in building, migrating, deploying and supporting applications in *Cloud Computing*, we boast ourselves as the **right choice**, when it comes to successful implementations and happy customers.

For more details, please visit us online at www.clerisoft.com or contact us at (510) 495-6020.

Cloud your enterprise!



Who does Clerisoft work with?



The above vendors are just a few who we work with. Please contact us for a customized solution that can integrate your application and infrastructure to the *Cloud*.

To learn more of Clerisoft, please contact:

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