

Defining “THE CLOUD”

The term “cloud” was originally introduced into the IT world by telecommunications companies in the early 1990’s to describe the boundary between telco-owned networks and customer owned assets.

Today, the term has come to mean Internet-based IT services whereby shared resources, software, and information are provided to computers and other devices on-demand. While broad-scale public cloud services are attracting home and small business users, the unique demands of large corporate users require specialized Enterprise expertise.

Providing on-demand resources, quick provisioning and utility billing only solves part of the challenge; security, ITIL compliance, process integration, monitoring, help desk and asset management issues must also be addressed or the cloud is of limited value to large size customers. The CBTS approach focuses on delivering Enterprise-class Infrastructure as Services (IaaS) and support.

Services in “The Cloud”

IaaS	Infrastructure-as-a-Service: storage, servers, networks and software provided on-demand
PaaS	Platform-as-a-Service: A hosted cloud environment with development tools to build applications that live in specific cloud environments
SaaS	Software-as-a-Service: Software applications on demand like Salesforce.com and Oracle on-demand

CBTS Public and Private Cloud Computing for Business

CBTS Cloud Deployment for 2500 Virtual Servers



“Lexmark has taken a leadership role in offering secure, highly available business solutions in a cloud model. The CBTS Virtual Data Center increased our speed to market, while reducing IT costs and administrative overhead.”

Keith Moody, Lexmark Intl., Inc.

Public Cloud | Virtual Data Center

CBTS has constructed multi-tenant server and storage farms deployed in multiple Enterprise-grade data centers - connected by a DWDM high speed backbone.

Today, hundreds of customers are able to order and deploy thousands of servers by choosing from a flexible on-line menu of configuration and operating system options.

This solution is ideal for test/development disaster recovery, and web servers. Deployment time is typically less than 10 minutes and servers can be upgraded or decommissioned in seconds.

Billing is monthly and is typically based on configuration and usage.

Private Cloud | Virtual Data Center

When security and process requirements don’t allow for a shared multi-tenant environment, CBTS will deploy dedicated private cloud infrastructures. Designed for large Enterprise IT departments that function as “service providers” to their end-users, CBTS integrates cloud computing resources with the most strict IT processes and governance. The net results are all the advantages of cloud computing delivered on private corporate networks with no capital outlay* and a 50%* reduction in annual operational expenses. Infrastructure can be hosted on the customer premises or in a secure CBTS facility.