cloud services
“Cloud computing involves computing over a network, where a program or application may run on many connected computers at the same time.”

Wikipedia
Cloud Computing Service Models

- Software as a Service (SaaS)
- Platform as a Service (PaaS)
- Infrastructure as a Service (IaaS)
Software as a Service (SaaS)

Consumer uses the provider’s applications running on a cloud infrastructure.
Platform as a Service (PaaS)

Application development platforms enable application authoring and runtime environment.
Infrastructure as a Service (IaaS)

Sometimes referred to as elastic compute clouds, virtual hardware made available for varied uses.
Cloud Deployment

- Private cloud
- Public cloud
- Virtual private cloud
- Hybrid cloud
Private Cloud

operated solely for an organization
owned by a cloud service provider and accessible over the internet, available to many companies or the general public
Virtual Private Cloud

owned by a cloud service provider and accessed over private network such as MPLS or Ethernet services
two or more interoperable clouds (e.g., private + public), allowing portability and scaling of data and applications
Why are businesses interested in the cloud?
No Hardware Refreshes
No Software Upgrades
No Physical Operating Costs
No Staffing Costs
Security

Geographic Diversity
24/7/365 Monitoring and Maintenance
HIPAA Compliant

HIPAA Compliant
CPHIMS
in Healthcare Information & Management Systems
PCI COMPLIANT
SSAE 16
Gigabit Fiber
Core Network Latency 5ms from End-to-End
Uninterruptable Power, Cooling & Network
70,000 Miles of Private Fiber
Additional Capacity Available
When could you use cloud services?
Temporary or Elastic Capacity
Datacenter Extension
Rapid Deployment with Minimal Expense
What could you use cloud services for?
Web Server
SharePoint
VDI
EMR (Emergency Medical Records)
Power Management applications
Web Billing application
Customer Relationship Management
Active Directory
Domain Controllers
Backup applications
Hosted Voice Applications (Asterisks and other open source PBX software)
Monitoring Applications (Network, etc.)
Databases
IT staff is freed up to ...
<table>
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<th>Manage Facilities</th>
<th>Capacity planning</th>
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<td>Install, upgrade, and replace hardware</td>
<td>Accessibility planning and management</td>
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<td>Monitor resources</td>
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Talk to us and see how Comlink Cloud Services can empower your business.