



## Ascent2Cloud

Enterprise, Private and Recovery Cloud Computing

**Cloud Computing allows organizations to increase efficiencies, gain competitive advantage and focus on what's important – growing their business. Ascent2Cloud provides access to a shared pool of resources that can be configured and provisioned with very little management, using technology such as Infrastructure as a Service (IaaS), Software as a Service (SaaS) and Virtualization to provide on-demand resources via internet or private network connections.**

### ASCENT2CLOUD SECURITY

- VMWare Based
- Hardware Firewalls
- VPN w/SSL for Secure Access
- Redundant DoS/DDoS Mitigation

Ascent2Cloud is a scalable, dependable, cost-effective introduction into the cloud. Whether you choose an Enterprise, Private or Recovery Cloud solution, Ascent2Cloud provides the flexibility and cost-savings of cloud computing with the security, data integrity and service level agreements of a SSAE 16 Type II Certified data center.

Compared to the traditional approach of purchasing, provisioning and managing IT architecture, Ascent2Cloud includes provision, setup, monitoring and complete management by senior-level technical staff, 24x7x365 from Ascent Data's Network Operations Center. Ascent Data offers high-availability firewalls, load balancing, enterprise grade hardware and continuous data protection.

### Benefits of Cloud Computing

#### Resource and Network Flexibility

Ascent2Cloud offers partially private or fully private multi-tenant architecture. Based on your business requirements, you can use a private network, VPN or internet to connect to your resources.

#### Scalability

Scale your infrastructure up or down as your business requirements change. Ascent2Cloud allows you to manage capital and operating expenses with on-demand usage.

#### Reliability and Security

High availability and business continuity through Ascent2Cloud allows you to manage, allocate and deploy your IT assets and be confident that your sensitive data is secure. Ascent Data's combination of security, redundancy and managed services provide the backbone necessary to ensure availability.

### Headquarters

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[www.ascentdata.com](http://www.ascentdata.com).

## ENTERPRISE CLOUD

### Network

- Internal LAN IP space
- Dedicated 100/1000 MB network connectivity
- 1GB virtual switch server connection
- VCloud Director capable

### Infrastructure Redundancy

- N+2 host server capacity
- HA Firewalls
- HSRP Border Routers
- RAID configurators
- SAN controllers

### Operating System

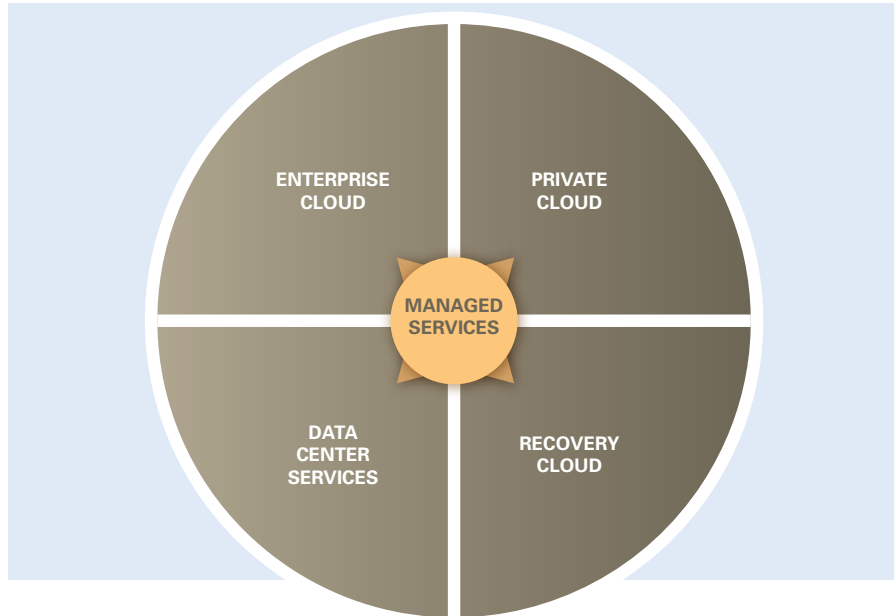
- Microsoft Windows, Oracle Enterprise Linux, Red Hat Linux, Centos, MS Server 2008, 2003
- 64-Bit and 32-Bit OS



## SSAE 16 Type II Certified

Statement on Auditing Standards SSAE 16, is an internationally recognized certification for data center security awarded or renewed annually by AICPA auditors specializing in physical security matters.

Among other security concerns, auditors evaluate visitor logging, keypad security, video surveillance, and physical data security. SSAE 16 Type II Certification is the highest level of data center certification given by the AICPA.



### Enterprise Cloud

Enterprise Cloud offers a scalable, enterprise-class, multi-tenant environment. Servers can either be in production or non-critical models (or a combination of both) to allow for customization based on need and demand. Servers can be standalone or connected to an existing environment and hosted in Ascent Data's data center.

### Private Cloud

A virtual dedicated or multi-tenant Private Cloud model gives you the flexibility of selecting a platform delivery that fits your needs.

#### Virtual

Virtual Private Cloud offers computing resources including, CPU, memory and disks that are added as needed. When adding multiple Private Cloud Nodes together, a cluster of pooled resources is formed. The node count, resource availability and workloads determine the level of availability and fault tolerance.

#### Dedicated

A Dedicated Private Cloud allows you to design complex cloud services using dedicated SAN or NAS storage resources on dedicated compute Nodes.

### Recovery Cloud

A Recovery Cloud gives you the ability to replicate, compute and store assets remotely at Ascent Data's SSAE 16 Type II Certified data center. Recovery Cloud can be configured in a Virtual or Dedicated Model and be scaled to meet your Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO). You can set pre-determined intervals for replicating recovery servers to ensure that any out-age will have minimal impact. Virtual or dedicated.