

Infrastructure as a Service (IaaS)

Virtual Server Solutions from Green Cloud Technologies.



“Green Cloud has been a pleasure to work with every step of the way. They were able to analyze my infrastructure and recommend technology solutions to solve my problems. I highly recommend Green Cloud.”

Scott Patterson
Jackson Hewitt Tax Service
Green Cloud Customer

FOCUS ON YOUR BUSINESS AND LEAVE THE TECHNOLOGY TO US.

At Green Cloud, we know that purchasing, managing and maintaining IT infrastructure can be time consuming and expensive. And having any part of that technology fail could be devastating to any business. That’s why we provide a better, faster, and more secure solution for managing and maintaining your technology, enabling you to save time and money while increasing the efficiency of your business.

With our Virtual Server, you are freed up from managing technology so you can focus on managing your business. We have invested in leading technologies, like VMware, Cisco, NetAPP and Tintri to create reliable, high-performance virtual server solutions, giving you a secure and controlled environment for your valuable data. And, we’ve assembled a highly talented team of VMware certified engineers to oversee and manage our infrastructure all day, every day.





LEADING CLOUD TECHNOLOGY FOR BUSINESSES, LARGE AND SMALL.

Our business is the cloud. It's all we do. It is not a side business or buzzword for us. We are 100% dedicated to providing you with cloud solutions that work, at pricing you can afford and with support you thought wasn't possible.

From one-person shops to companies with hundreds of employees, we serve businesses that have one thing in common: their data is a vital part of their operations.

So who is moving to the cloud and why? Our clients span a wide spectrum of industries, from healthcare to legal, from staffing to technology. We have companies that clean office buildings. Companies that provide workplace health clinic services. Companies that sell machining technology. And companies that sell cupcakes.

Our clients needs are different and we provide solutions to fit a company of any size with any budget. And why did our customers want to move to the cloud? Take a look to the left.

TOP FIVE REASONS OUR CUSTOMERS MOVED TO THE CLOUD.

- 1 Did not want to invest in hardware or have related capital expenditures.
- 2 Need for increased physical and network security, like HIPAA or PCI compliant infrastructure.
- 3 Did not want to maintain hardware onsite.
- 4 Wanted enhanced mobility and data accessibility from anywhere, anytime via the Internet.
- 5 Need for management of server updates, firewall and applications.

FLEXIBLE SOLUTIONS TO FIT YOUR BUSINESS.

Unlike other cloud providers, we've designed our infrastructure to be flexible with customizable options to fit your needs. We know that one size doesn't fit all. And we're dedicated to working with you to find the right solution for your business.

Types of Servers	Single Data Center Solution		Dual Data Center Solution with Offsite Backup and Restoration	
	Server + Onsite Backup	Server + Offsite Backup	24 hour	6 hour
Premium	\$	\$\$	\$\$	\$\$\$
Standard	\$	\$\$	\$\$	\$\$
Archival	\$	\$	\$	\$

CONFIGURE YOUR SERVER WITH ONLY THE FEATURES YOU NEED.

1. Choose the type of server you require:
 - Premium:** A premium server has higher I/O available for highly transactional servers. These servers are provisioned with at least 500 IOPS. Ideal for: SQL servers, Exchange servers.
 - Standard:** A standard server has equivalent I/O to a typical small business sized server. These servers are provisioned with at least 250 IOPS available. Ideal for: web servers, terminal servers.
 - Archival:** An archival server is a low I/O server with storage built for data not accessed frequently. There is no guaranteed I/O for archival servers. Ideal for: archival file server, document management systems, old or inactive EMR systems.
2. Next, choose the location of your primary data center. Green Cloud will select your primary data center based on availability unless you require a specific site:
 - No Preference Greenville, SC Nashville, TN
3. Then, choose between single data center solution or multiple, geographically-diverse data center solutions with replication options and the desired recovery time, if applicable.
 - Single Data Center Solution with Onsite Backup:** Your data will be housed in a secure, highly redundant, state-of-the-art facility and a copy of your server's data will be backed up nightly in that same data center. The data for these servers is not replicated to another data center.
 - Single Data Center Solution with Offsite Backup:** Your server will be housed in a secure, highly redundant, state-of-the-art facility and a copy of your server's data will be replicated nightly to another geo-diverse Green Cloud data center.
 - Dual Data Center Solution with Offsite Backup:** Your server will be housed in a secure, highly redundant, state-of-the-art facility and a copy of your server's data will be replicated according to the SLA to another geo-diverse Green Cloud data center. Should the primary data center become unavailable, your servers will be brought back online in the alternate site within the selected timeframe: **24 Hour** **6 Hour**

MOVING TO THE CLOUD IS EASY.

Our expert team of technology professionals will manage your move to the Green Cloud virtual environment from beginning to end. After evaluating your needs and determining the appropriate amount of storage, memory, and processing power you need, we will back up your data, migrate it to our servers and manage and maintain the environment. You will continue to have access to your data just as if it were still in your office. But now you have the added assurance that it is well protected, monitored and secure.

Weather challenges, power outages, dead hard drives, equipment purchases and upgrades - why deal with that yourself? Let Green Cloud Virtual Servers deliver for your business.

DATA CENTER SPECIFICATIONS

Features	Specifications	Description
Locations	Greenville, SC (Immedion) Nashville, TN (Peak-10)	Meets regulatory distance requirements for diversity. Diverse power grid.
Certifications	SSAE16 SOC 1 Type II	
	Uptime Institute Tier 3	Dual Generator. Natural gas and diesel. Redundant power. Redundant cooling. Redundant fiber routes. Redundant Internet peering.

INFRASTRUCTURE SPECIFICATIONS

Features	Specifications	
Compute	Cisco UCS B Series	
Storage	NetApp FAS32xx Series Filers with RAID-DP Tintri VMstore™	
Network	Cisco Nexus Switching and Cisco ASR Routing	
Software	VMware vCloud	

VIRTUAL SERVER PRODUCT SPECIFICATIONS

Features	Specifications	Options
CPU Speed	Each vCPU is 2Ghz (Backed by multicore Intel XEON 2.4-3Ghz).	
IOPS per Server	Premium: 500+ IOPS. (SSD/SSD Hybrid) Standard: 250+ IOPS. (SAS drives) Archival: Low I/O. I/O not guaranteed. (SATA drives)	
Supported OS	Windows Server: 2003, 2008R2, 2012R2 Linux: Centos 6, Ubuntu LTS	RHEL, Oracle, Linux, Solaris x86 10 and other licensed OS's are supported but license not provided by Green Cloud.
Internet Bandwidth	10Mb/s with 3000GB transfer per month provided per vDC	20 Mb/s-1Gb/s connections available.
VM Snapshot Backup Retention	7 Days	One Full Server Restore included. Additional restores at \$100 per incident. File Level Restore at \$100 per incident.
Public IP Addresses	One IP per vDC	Additional IPs at \$5/month
VPN	One IPSEC VPN Included for one site	Additional Sites at \$20/month, Managed VPN Router \$20/month
Load balancing	Load balancer at \$40/month	
Firewall	VMware VShield Edge	ACLs/NAT can be changed via call to support
SSL VPN	SSL VPN at \$5/user	
Remote Desktop	One RDP Session for management included	Additional RDP sessions at \$5/user
Maximums per VM		
vCPUs	up to 8 vCPUs	Other options available including dedicated hosts.
vRAM	up to 32GB	
Storage	2TB per disk (can have multiple disk per VM)	

