Axcient Cloud

Protect Everything

Powering the Most Reliable Business Continuity & Disaster Recovery Suite of Solutions

When speaking about cloud, there are few things more valuable than access and security of your data. Where it resides, is it accessible, highly resilient and secure are fundamental questions that need to be addressed and answered.

For years, Axcient data centers have exceeded industry standards for security, integrity, resiliency, availability, and performance. Today, tens of thousands of companies around the world choose to host their data in Axcient data centers.

Axcient colocates with four datacenters located in Atlanta, Georgia; Salt Lake City, Utah; Kelowna, British Columbia, Canada; and Amsterdam, Netherlands. Each data center is designed for ultimate resiliency and is strategically located in disaster-safe locations.

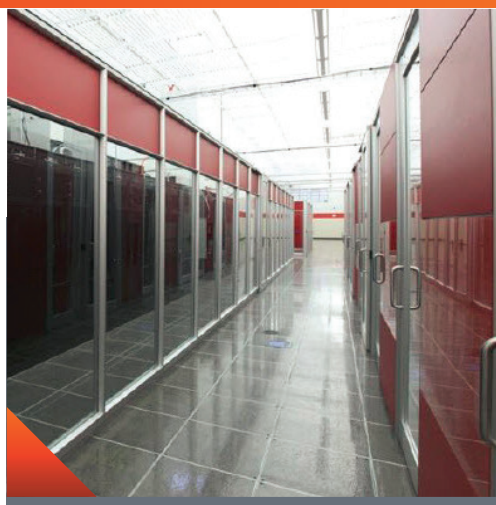
Axcient data centers are SSAE 16 Type II Certified or SOC Certified and have 99.999% reliability, translating to less than 5 minutes average downtime per year. The company's data centers have undergone strict audits to ensure compliancy with federal standards, including Health Insurance Portability and Accountability Act (HIPAA) regulations.

Axcient engineers monitor and manage data center networks, servers, storage, services, and other infrastructure 24 hours a day, seven days a week, 365 days a year. Axcient uses two separate external and internal automated monitoring systems, which utilize different technology to monitor the same systems. The Axcient engineering team has complete control over every component of our cloud in the data center from the moment it is physically installed.

From the outside-in, Axcient has established physical safeguards for business data. Multi-level security runs the gamut, including razor fences, armed patrols, video surveillance, and biometric scanning, among other protocols. In addition, all equipment entering the facility is checked, audited, and logged by data center security personnel.

Finally, Axcient ensures data integrity with Silent Data Corruption Protection, a comprehensive technology that uses end-to-end checksums to "tag" data with strongly verifiable identifiers and create redundant copies. These tagged and encrypted copies, stored on physically separate devices, provide the highest degree of data integrity assurance and durability.

Your cloud data matters. Choose a company that will value your cloud data as much as you do.



KEY FEATURES:

- Secure and compliant data centers, exceeding industry standards
- Highly resilient and disaster proof data centers, providing 99.999% reliability
- Multi-level physical and virtual security, ensuring safety of cloud data
- 24/7/365 monitoring and management of data centers, allowing proactive resolution
- Secure always-on network, eliminating service interruptions
- Comprehensive data integrity systems with extensive redundancy, providing total data integrity assurance

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Secure And Compliant Data Center

- Four data centers located in Atlanta, Georgia; Salt Lake City, Utah, Kelowna, British Columbia, Canada; and Amsterdam, Netherlands.
- SSAE 16 Type II or SOC Certified
- Health Insurance Portability and Accountability Act (HIPAA) Compliant

Highly Resilient And Disaster-proof Data Centers

- Data centers strategically located in disaster-safe regions
- 99.999% reliability, translating to less than 5 minutes average downtime per year
- Hardened construction, such as granite or 6" cement walls with seismic reinforcements
- Reliable power grids, such as multiple utility feeds from separate substations with diverse building entry
- Redundant backup generators with in-ground fuel tanks to provide uninterrupted power for days
- A+B feeds to each cabinet with A+B computing equipment, each feed backed by independent N+1 power paths, breakers, UPS systems, generators, and main feeds
- Efficient cooling, such as environmentally-friendly chilled water cooling, fed by redundant water sources (private well, city main) and powered by redundant pumps and paralleled cooling towers
- Redundant HVAC systems for consistent temp and humidity
- Zoned fire detection with localized fire suppression systems

Multi-level Physical And Virtual Security

- Perimeter security fences with 24/7/365 surveillance and armed patrol
- Video surveillance and recording
- Multi-level identity verification, such as biometric scanning, card keys, and badge authentication
- Multi-level network security with security layers at the routing, edge firewall, node firewall, and endpoint layers
- Equipment is physically checked, audited, and logged by data center security personnel

24/7/365 Monitoring And Management Of Data Center Components

- Two separate external and internal automated monitoring systems, which utilize different technology to monitor data center components 24/7/365
- Continual environmental monitoring for the data center and in each cabinet
- Axcient engineering team with complete control over all Axcient cloud data center components
- On-site data center engineers for quick installation and replacement

Secure Always-on Network

- Geographically diverse external fiber paths, distinct fiber entrances, mesh routing, and extensive peering relationships
- Redundant multi-homed BGP routing and switching infrastructure with cold spares on site
- Fast and reliable internet, such as 80+ Gbit/sec connectivity, delivered through multiple independent fiber rings and lines
- 100G/40G/10G mesh or ring switching for high performance, fault tolerant internal network connectivity

Proprietary Data Integrity Systems With Extensive Redundancy

- Silent Data Corruption Protection end-to-end checksums to "tag" data with strongly verifiable identifiers
- Redundancy systems to protect against hardware, firmware, and software faults
- Physical separation of all data copies to protect against disk failures due to localized vibration, enclosure failures, cable failures, and IO bus or controller failures
- Data is cross-referenced and verified via the redundant copies upon access and periodic health check operations

Ready to learn more or try Axcient yourself?
Start a no-cost, no-obligation trial today. info.axcient.com/trial-signup

ABOUT AXCIENT:
Axcient is an award-winning leader in business continuity and disaster recovery for Managed Service Providers (MSPs). Axcient x360 provides one platform for MSPs to Protect Everything™, and includes BCDR, Microsoft 365 and Google Workspace backup, and secure sync and share. Trusted by more than 3,000 MSP partners worldwide, Axcient protects business data and continuity in the event of security breaches, human error, and natural disasters.

CONTACT:
Axcient, 707 17th Street, Suite 3900, Denver, CO, 80202
Tel: 720-204-4500 | axcient.com

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