

CHECKLIST FOR COMPLIANCE IN THE CLOUD



WHITE PAPER

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REGULATIONS & STANDARDS

With the industrialization of hacking & the enormous impact of security breaches.

Governments, industries, & individual organizations are increasingly adopting regulations & standards to handle sensitive information.

Complying with these rules & best practices challenges any IT team. Audit processes & the need to prove compliance further complicate matters.

As organizations pursue cloud-based services, upholding compliance together with the cloud service provider can raise additional hurdles.

IS THE CLOUD RIGHT FOR STRINGENT COMPLIANCE APPLICATIONS?

The cloud offers significant benefits: Instant scalability, flexibility, access when & where needed, lower costs, & fewer operational demands on the IT department. It allows organizations to respond to their present & future needs without up-front lead time & capital investment. They can get & use what they need, when they need it. The organization can focus on their core mission & invest in areas strategic to their business. Despite these advantages, many still question whether flexibility & cost savings are worth the risks when faced with a potentially daunting regulatory environment.

Key Compliance Requirements for Cloud Service Providers:

Physical Security: Secure physical access to facilities storing data.

Data Encryption: Encrypt sensitive data at rest & in transit.

Backup & Recovery: Documented plans for backup, operation in an emergency, & disaster recovery.

Sessions Management: Securely disconnect inactive sessions.

Audit Controls: Implement audit controls & documentation to demonstrate compliance & identify vulnerabilities.

EVALUATING YOUR CLOUD SERVICE PROVIDER FOR COMPLIANCE

When selecting a cloud service provider, consider the following steps:

- 1. Identify Regulations & Requirements:** Understand the regulations that bind your organization, such as HIPAA, PCI, & geographical constraints.
- 2. Evaluate Service Providers:** Look at analyst reports, customer stories, & referrals. Approach it is a search for a long-term partnership, not just transactions.
- 3. Use a checklist:** Engage in a conversation with prospective providers & ensure all questions are answered.

KEY QUALITIES OF A CLOUD SERVICE PROVIDER

- **Commitment to Compliance:** Adheres to applicable regulations & standards like SOC2, HIPAA, ITIL & ISO.
- **Risk Assessment:** Constantly assesses cloud infrastructure to meet requirements.
- **Business Associates Agreement (BAA):** Willing to sign & incorporate compliance language in contracts.
- **Incident Response:** Documents & fulfills security incident response, emergency operations, & disaster recovery plans.

REPORTING CAPABILITIES AVAILABLE



On-Demand Reporting: Provide audit documentation & support for the audit process without undue bureaucracy.



Incident Reporting: Report vulnerabilities rapidly to address them.



Compliance Technology: Utilize software & services to identify & alert compliance gaps, & employ physical safeguards & authentications methods.

A CHECKLIST FOR EVALUATING CLOUD SERVICE PROVIDERS

When evaluating potential cloud providers, considering the following:

1

Compliance Certifications: Ensure the provider upholds necessary certifications & standards.

2

Audit Readiness: Verify the provider's audit controls & documentation practices.

3

Physical & Data Security: Assess the provider's physical security measures & data encryption practices.

4

Support & Communication: Ensure the provider offers compliance-oriented customer support & can discuss compliance procedures directly with auditors if needed.

FULFILLING YOUR COMPLIANT CLOUD

Realizing the Benefits of a Compliant Cloud

Work with your cloud partner to configure workloads to ensure compliance. Start with less sensitive workloads to build confidence. Ensure your cloud service provider prioritizes your compliance & audit needs from the beginning. Choose a provider that will protect your organization's sensitive data & maintain compliance.

Schedule a consultation with one of our compliance experts today. Not ready to talk? Explore our other compliance-related experts today. Not ready to talk? Explore our other compliance-related materials.

- Ensuring a Compliant Cloud that's audit ready.
- Learn More about Titan Cloud Solutions Compliance.

DISCOVER THE TITAN CLOUD SOLUTIONS DIFFERENCE

DaaS: With Titan Cloud Solutions, you aren't alone preparing for a disaster. With hundreds of partners that will assist in your journey, your business is in good hands.

IaaS: Titan Cloud Solutions provides peace of mind with security & compliance as top priorities, upholding various global certifications & standards.

BaaS: With Titan's S3 Compatible API, you can easily plug into a rich system of backup solutions. Our team also has a catalog of easily implementable processes to backup or archive your data that takes minutes to implement. Achieve 3-2-1 resiliency with cloud-based backup, offering encrypted communication & secure off-site storage.