



 **CLOUD**
HOSTING AND DATA CENTER

SECURITY

WHAT ARE YOUR BIGGEST CLOUD OR DATA CENTER SECURITY CONCERNS?

Tell us what security concerns you have with any of our Cloud services and we'll point to the policies and procedures in place that address those issues. Because our customers require that we meet the most up-to-date and relevant information security standards, 5NINES adheres to the governance, controls and security standards developed by the global Cloud Security Alliance (CSA). We're thoroughly audited annually by a third-party security firm to ensure we meet CSA's comprehensive set of standards.

WHAT IS THE CLOUD SECURITY ALLIANCE (CSA)?

CSA is a non-profit organization formed to promote the use of best practices for providing security assurance within Cloud computing and all other forms of computing. Alliance members include technology visionaries, security experts and Cloud pioneers such as **Microsoft, Cisco, Google, VMware, HP, IBM, Symantec** and **Salesforce**.

WHY A CSA AUDIT IS BECOMING THE INDUSTRY STANDARD

5NINES chose a CSA-based audit because it addresses the evolving security issues our customers face. SAS 70-type audits used to assess providers in the past are a good baseline, but they're not comprehensive enough for the dynamic nature of Cloud computing. (See the reverse of this page for a comparison of a CSA vs. a SAS 70 audit.) Here are some of the important reasons we adhere to the security standards of CSA and completed a CSA audit in February 2011.

- Each of our customer's infrastructures is unique, so it's not practical or complete to provide a generalized and subjective SAS 70-type audit as proof of security.
- CSA standards are based on best practices of the National Institute of Standards and Technology (NIST) Special Publication 800-53A and the Cloud Security Alliance (CSA) Security Guidance for Critical Areas of Focus in Cloud Computing V2.1. By meeting these standards, 5NINES is compliant with PCI-DSS, ISO-IEC 27002-2005, COBIT, HIPAA, and NIST SP800-53 requirements.
- To ensure 5NINES continues to meet or exceed these best-practice security controls, it is audited regularly by a third-party security, auditing and technology risk management firm, where lead auditors are Certified Information Systems Auditors (CISA) and Certified Information Systems Security Professionals (CISSP).

CSA
CLOUD SECURITY
ALLIANCE

5NINES has been audited
and meets all **Cloud
Security Alliance**
standards

INDUSTRY VOICES

"Certifications like SAS-70 alone are not sufficient because they weren't developed specifically for Cloud services."

—**Chenxi Wang, Ph.D.**
Forrester Research

WHY THE CSA AUDIT IS SUPERIOR TO SAS 70

CSA AUDIT	SAS 70 AUDIT
Developed by respected Cloud vendors and users specifically to address data security controls of Cloud service providers and data centers.	Developed by the American Institute of Certified Public Accountants (AICPA) to assess the internal controls of a service organization and financial statements.
Standardized approach: All controls are defined, reviewed and audited based on an adopted approach from industry accepted best practice resources (NIST, PCI, HIPAA, COBIT, ISO).	Subjective approach: Controls are scoped by the customer or third-party auditor. It's hard to determine all of the controls that a SAS 70 Audit examined.
The audited party demonstrates how it is meeting control requirements so that they can pass scrutiny by other auditor parties.	The audited party says it is meeting control requirements for which it chooses to be audited.
Our CSA audit is designed and conducted by a Certified Information Systems Security Professional (CISSP) as well as a Certified Information Systems Auditor (CISA). This reduces the risks of errors and omissions and ensures a thorough review of controls.	SAS 70 audits are often led by CPA firms that use accountants as the examiner in charge.



5NINES security policies and procedures meet 100 control standards in the 13 domains defined by CSA as Critical Areas of Focus in Cloud Computing.

(for a complete breakdown of the 13 domains, please ask for our CSA spec sheet)

WE ARE CSA COMPLIANT

A TRANSPARENT APPROACH TO SECURITY

All 5NINES and customer responsibilities for security controls are documented in our contracts and SLAs, so you don't have to guess who's responsible for what. In addition, a complete copy of our 2011 Security and Controls Audit is available for customer and auditor review.



for more information call:

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