


COMPLIANCE IN THE CLOUD



We created an
innovative compliance
and auditing solution,
CloudCompliance!

whitehat
VIRTUAL TECHNOLOGIES

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What is “compliance,” and how does the cloud fit in?

Compliance, in terms of business, refers to the laws and regulations that organizations must abide by as they conduct business in their respective industry. It is something that every business should be familiar with. Whitehat recognizes the importance of these rules and has established its data encryption, protocols and procedures to follow the top compliances and ensure that customer data remains secure and confidential.

Some of the largest compliance laws include HIPAA, PCI DSS and Sarbanes-Oxley. Whether or not these individual regulations pertain to your organization,

it's important to be aware of them so issues don't sneak up on you. If you're storing confidential information but don't have compliance expertise, you run the risks of device theft, unauthorized access to that confidential data, loss of files, and hacking or IT incidents.

The cloud can help. 94% of businesses reported that they saw an improvement in security after switching to the cloud. More and more organizations are moving to the cloud to ensure that their data is protected and encrypted. Whitehat is a leader in this transition.



Here are some of the largest compliance laws:

HIPAA

Health Insurance Portability and Accountability Act

HIPAA is intended to improve the efficiency and effectiveness of the health care system. It requires the adoption of national standards for electronic health care transactions and code sets, as well as unique health identifiers for providers, health insurance plans and employers. The law recognizes that electronic technology could erode the privacy of health information and incorporates provisions for guarding the security and privacy of personal health information. It enforces national standards to protect individually identifiable health information (known as the Privacy Rule) and the confidentiality, integrity and availability of electronic protected health information (known as the Security Rule).

SOX

Sarbanes-Oxley Act

SOX is designed to protect investors and the general public by increasing the accuracy and reliability of corporate disclosures. SOX is administered by the Securities and Exchange Commission, which publishes SOX rules and requirements defining audit requirements and the records businesses should store and for how long. SOX is organized into 11 titles to protect against accounting errors and fraudulent practices in business.

PCI DSS

Payment Card Industry Data Security Standard

PCI DSS is a set of requirements for enhancing the security of payment customer account data. This standard was developed to help facilitate global adoption of consistent data security measures. It includes requirements for security management, policies, procedures, network architecture, software design and other critical protective measures. It is essential for all businesses that accept credit cards, whether online or offline, to ensure that the payment card data remains secure. While the size of the organization determines the specific requirements that must be met, PCI DSS applies to both huge corporations and small online businesses.



Data Centers and Security in the Cloud

In order to meet your security and compliance requirements in the cloud, you need to find a qualified provider. Whitehat delivers the highest quality protection for data and information. We have equipped ourselves with best-in-breed SAS70 Type II, SSAE 16-certified Tier 3 Class 1 data centers to hold your sensitive information for safe, encrypted storage.

Facilities Security

The fully redundant and geographically diverse data centers have the highest security parameters in place, and your information is secured behind multiple layers of both physical and network security. Only authorized data center personnel are granted access credentials to the facilities. No one else can enter the production area without prior clearance and an appropriate escort. Colo hybrid customers are only allowed with a Whitehat employee. Every data center employee undergoes multiple thorough background security checks before being hired. The facilities are fully redundant and feature multiple security measures including: key card protocols, biometric scanning systems including palm scanners, exterior security system, on-premises security guards, digital surveillance and recording, secured cages, around-the-clock interior, exterior surveillance monitor access and even bullet-proof glass.

Environmental Controls

Every data centers HVAC (Heating Ventilation Air Conditioning) system is N+1 redundant. This ensures that a duplicate system immediately comes online should there be an HVAC system failure. Every 90 seconds, all the air in our data centers is circulated and filtered to remove dust and contaminants. Our advanced fire suppression systems are designed to stop fires from spreading in the unlikely event should one occur.

Infrastructure and Storage

Our enterprise-grade infrastructure includes Cisco routers and firewalls with encryption-256k. We use NetApp encryption so all data is encrypted in flight and at rest. All SANs have self-encrypting drives (SEDs).

Additional

We give administrators access to remotely wipe any device that is lost or stolen and implement full credential-limited access to all data in the cloud. The virtual environment will log off within a set amount of time of inactivity, and in the event of device loss, users won't lose their critical data. It remains stored in the cloud where it's safe and accessible from a replacement device, as if nothing ever happened.

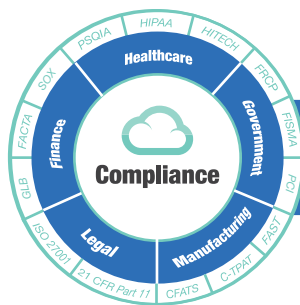
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“91% of businesses said that their cloud providers are making it easier for them to meet government requirements.”

Whitehat's CloudCompliance

Whitehat's has created an innovative compliance and auditing solution, CloudCompliance, which provides clients with an easy and affordable way to prove they meet the standards and regulations of their industry.

CloudCompliance allows clients to set up activities consisting of workflow-enabled tasks and tracks their completion with audit trails, which in turn cannot be tampered with, destroyed or altered in any way. It is simply a tool - when users move to CloudCompliance, they still have to build their policies and procedures into it - but if organizations are not meeting compliance requirements, CloudCompliance helps them get there. It answers the following questions: What is my cloud provider doing in my cloud? Can my cloud provider make any changes to my cloud? How do I know? This solution leaves a trail of Whitehat's exact activity, documenting and recording in CloudCompliance and creating a report that is readily available for the customer. The tool can integrate Web forms and activities into the set-up of tasks and send reminders when tasks are due. CloudCompliance gives users an ideal environment to track, manage and prove their compliance. 91% of businesses said that their cloud providers are making it easier for them to meet government requirements such as the ones above - we are here to make that percentage even larger and help businesses meet compliance.



The Most Advanced CloudCompliance Application





For More Information Contact Us Today

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