DEEP FREEZE CLOUD

FOR HIPAA COMPLIANCE

Faronics™

Content

Introduction

The HIPAA Act (Health Insurance Portability and Accountability Act of 1996) establishes a set of national standards regarding the privacy and protection of PHI (Personal Health Information, or also referred to as, Protected Health Information). Amended in 2013 these now apply not only healthcare organizations (HCOs), but their business associates, technology vendors, lawyers, accountants, and web hosting firms among others.

Computers managing or accessing PHI can be vulnerable to cyber attacks or data breaches. As a result, healthcare organizations and their business partners need to carefully assess how they are securing these systems to ensure compliance with the HIPAA regulations. The fines that can result from any compromise to PHI, under the HIPAA act, are steep. Moreover, increased visibility of cyber attacks has resulted in increased pressure on government enforcement agencies to take action against violations.

This document will outline how Faronics Deep Freeze Cloud can help with maintaining the security of workstations (accessing PHI), detect breaches, and help to mitigate the risks associated with the processing of PHI.

HIPAA Regulations

The HIPAA Act contains a number of regulations, that provide guidelines on steps that must be taken to protect systems that are accessing or processing PHI, including:

HIPAA Clause	Description
45 CFR Subtitle A Part 164.306 (a)(2)	Protect against any reasonably anticipated threats or hazards to the security or integrity of such information.
45 CFR Subtitle A Part 164.308 (a)(5)(ii)(B)	Procedures for guarding against, detecting, and reporting malicious software.
45 CFR Subtitle A Part 164.310 (b) **Standard workstation use**	Implement policies and procedures that specify the proper functions to be performed, the manner in which those functions are to be performed and the physical attributes of a specific workstation or class of workstation that can access electronic protected health information.
45 CFR Subtitle A Part 164.312 (a)(2)(iii) **Automatic Logoff**	Implement electronic procedures that terminate an electronic session after a predetermined time of inactivity.

Deep Freeze Cloud for HIPAA Compliance

The challenges faced in implementing a program to ensure HIPAA compliance is that these guidelines are fairly open ended in many cases and leave a lot of questions as to what a "reasonably anticipated threat" is.

Deep Freeze Cloud can help healthcare organizations with these HIPAA regulations by:

- Protecting the operating system, applications, and other software from any unauthorized changes, using **Deep Freeze**. With the patented* Reboot to Restore technology of Deep Freeze, systems are returned to a known good state after each reboot, while helping prevent configuration drift over time.

- Protecting your systems against malware and known threats with **Antivirus**.

- Ensuring that only authorized software can run, with the application whitelisting technology of **Anti-Executable**. By only allowing authorized applications to run, client workstations can be kept clear of any potentially harmful programs that could get installed by staff members, or by unauthorized users.

- Protecting your systems, by ensuring compliance with your patch management processes. The **Software Updater** component of the platform can provide a simple method for updating many popular 3rd party applications, as well as, provide a method to push out updates to in-house developed applications.

- Blocking access to applications or portions of the operating system, that are not required for the day to day operations of delivering service to your end users. This can be done using **WINSelect**'s ability to create a secure kiosk.

- Monitoring system access, attempts to install, or run unauthorized software, and detections of malicious software, using the reporting capabilities of the **Usage Stats** feature of **Deep Freeze Cloud**.

* http://www.faronics.com/company/#patents

Deep Freeze Cloud - Components

Deep Freeze Cloud is a cloud managed suite of products designed to simplify computer and device management. The platform includes the following components that can help healthcare organizations achieve and maintain HIPAA compliance.

Deep Freeze

Deep Freeze patented* Reboot to Restore technology ensures that the operating system and software installed on the computer are protected, and changes are reversed with a simple reboot.

Software Updater

Automatically updates or installs commonly used products such as Flash, Firefox and Java.

Anti-Executable

Ensures total endpoint productivity by only allowing approved applications to run on computers across your network.

Anti-Virus

Protects endpoints from viruses, malware, spyware, and ransomware with a powerful antivirus engine that runs with minimal system resources.

WINSelect

Manages browser lockdown, restricts network access, blocks Windows features, blocks access to external drives, manages printer quotas, and creates a secure kiosk.

Patch Management

Deploys custom software packages and software updates across all computers on your network.

Usage Stats

Manages software assets and monitors license compliance, application usage, and computer usage.

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FARONICS

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Faronics' solutions help organizations increase the productivity of existing IT investments and lower IT operating costs. Incorporated in 1996, Faronics has offices in the USA, Canada, Singapore, and the UK, as well as a global network of channel partners. Our solutions are deployed in over 150 countries worldwide, and are helping more than 30,000 customers.

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