

# Special Report

## HITECH Act Impact on Dictation Technology



---

The exposure risks of unsecured PHI, unauthorized access and compliance strategies to meet HIPAA guidelines and regulations.

# Fusion Voice Dictation Solutions

## The HITECH Act Changes to HIPAA

The U.S. Department of Health and Human Services (HHS) issued proposed information security guidance, as required by the Health Information Technology for Economic and Clinical Health (HITECH) Act passed as part of the American Recovery and Reinvestment Act of 2009 on February 17, 2009. The HITECH Act requires covered entities and business associates, as well as others, to provide notice of information security breaches affecting “unsecured protected health information”. The HITECH Act further requires the Secretary of HHS to specify technologies and methodologies that would render protected health information (PHI) unusable, unreadable, or indecipherable to unauthorized individuals. If covered entities, business associates and vendors of personal health records apply the technologies and methodologies specified in the guidance of protected health information, they will not be required to provide notice to affected individuals, HHS or the media, as otherwise required by the HITECH Act, in the event the information is breached.

## The 5 most common security risks in a dictation system installation:

1. Dictation audio and data files are not stored in a secure format.
2. Applications lack tools to manage passwords and password changes.
3. Unsecured connections to the phone systems and networks risk exposure.
4. Lack of audit reporting to detail accesses to dictations by authorized users.
5. Insufficient monitoring of failed log-in attempts.

# Fusion Voice Dictation Solutions are built on the latest security technology.

## Encrypted audio and data files



Most dictation systems utilize standard voice formats such as .wav files which are easily opened and replayed with virtually any media software. Older dictation systems rarely protect data via encryption, allowing dictation data to be easily breached. Fusion Voice® encrypts all audio and data files while in-transit and while stored on workstations with industry standard, private key encryption.

## Digital vs. analog phone lines



Most dictation is still done over standard telephones and standard, analog (POTS) phone line service making eavesdropping very simple for anyone with just a little knowledge of electric circuits and a tape recorder. Fusion Voice makes available T1/PRI digital circuits as well as packet-secured VoIP which are not subject to the same, simple methods of hacking.

## Audit logs, access and disclosure



Dictation systems easily report on when a dictation was completed by an author or transcribed in transcription. Fusion Voice provides extensive levels of auditing for dictations and users of the system. Audit trails are linked to who accessed a dictation, who modified a dictation, and what changes were made. Audit reports are easily generated for any user or job on the system.

## Who has your number



Many facilities have published their digital dictation system telephone numbers and, out of convenience to medical staff, these numbers rarely change. Dictation system manuals containing keypad commands are easily obtained through a quick internet search and provide a back-door into your dictation system.

Fusion Voice software is designed on the “least access principal”. Custom security and configuration groups allow data access only to users that need it. You can even control how complex passwords have to be based on your standard security requirements.

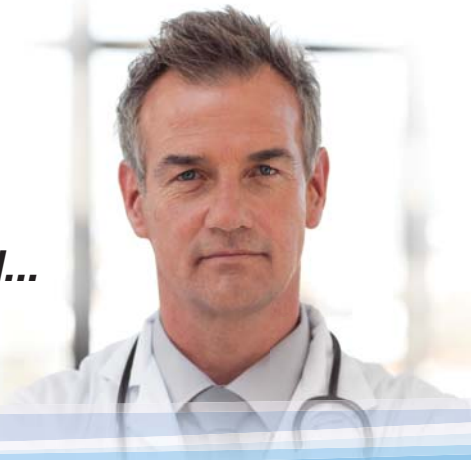
## A dictation system can protect itself



Home-based and outsourced transcription over the internet creates a risk of introducing viruses, spyware and other malicious software into your dictation system and potentially your networks.

Fusion Voice is designed to support off-the-shelf anti-virus software and provides a built-in feature that will monitor your dictation system for problems or intrusions. The software is compiled with key “signatures” that prevent malicious modification by spyware or viruses.

***Built-in security, built-in auditing,  
built-in monitoring, peace of mind...***



# Fusion Voice Dictation Solutions

The new Fusion Voice® System raises the bar in the dictation industry for centralized dictation management for any organization, small to large. Scalable, reliable and feature rich, this system incorporates today's technology to efficiently handle today's challenging dictation and transcription problems.

## Contact Dolbey

Dolbey Voice Products

Dolbey Systems, Inc.  
7280 Auburn Road  
Concord, OH 44077

## Sales

Phone: 800 878 7828

## Support

Phone: 800 878 7828 Option 2

[www.dolbey.com](http://www.dolbey.com)