

**Dictation, Transcription, Speech Recognition,  
Computer-Assisted Coding & CDI Solutions**



# Speech Recognition Solutions

Fusion speech recognition provides solutions that return measurable and tangible results for your investment.



**DOLBEY**  
— SINCE 1914 —

**The Fusion Suite™**

# Dolbey Speech Recognition Options

**Fast, accurate and detailed clinical narratives are the final product of patient encounters, and empowering the physician to report results quickly and accurately is best for patient care.**

**D**olbey speech recognition solutions uniquely deliver an ease of use that guarantees your success at implementing speech powered narratives. With a single installation of Nuance's SpeechMagic™ speech engine, along with Dolbey's Fusion application and innovative architecture, clinicians have the ability to migrate between front-end and back-end speech recognition utilizing all of their language model adaptation, the same report formats, configurations, output distribution and interfaces. The Fusion Suite of products uniquely uses a single platform for any mode of physician dictation or speech recognition.

Fusion Expert® - FES, Fusion Speech® - BES and Fusion SpeechEMR® have been awarded Best in KLAS for speech recognition in 2012, 2013, 2014, 2015/2016 & 2018.

## **Fusion Narrate**

Cloud-based speech recognition that is as flexible as it is functional - **One-click installation**

## **Fusion Expert | Front-end Speech**

Dictate the patient story, self-edit the narrative, sign and complete - **Once and done**

## **Fusion Speech | Back-end Speech**

Dictate however you want, send recognized narrative for editing - **No training required**

## **Fusion SpeechEMR**

Document directly into your EMR. No interfacing needed - **Immediately available**

# Fusion Narrate powered by nVoq

## Document your patient's story right the first time.

- ✓ Recurrent neural network technology
- ✓ Wireless microphone for iOS and Android
- ✓ CAPD with Fusion DocCheck™ NLP Engine
- ✓ No on-site servers, simple web-based install
- ✓ Direct speech input with any application
- ✓ Vision-based voice commands

Fusion Narrate® powered by nVoq™ leverages superior cloud-based speech recognition using recurrent neural network technology, providing exceptional accuracy and helping providers to hit the ground running with no initial training phase. Using a USB or wireless microphone, providers can dictate directly into any application and benefit from many of Dolby's already available flexible features, including CAPD, to assist in documentation workflow.

A simple, quick web-based install with numerous workflow enhancements coupled with the same service and stability Dolby has always provided delivers the efficiency and productivity your healthcare organization demands.

- **Web-based user administration**
- **Application virtualization support**
- **Numerous medical specialty speech topics**
- **Automatic software updates**
- **Easy to configure voice commands for automation**
- **Streamlined user interface**
- **Speech optimization and learning services**
- **Customizable vocabulary and substitutions**
- **Advanced select and say navigation ('No Connector' requirements)**
- **Compatibility and configurable buttons with SpeechMike, PowerMic, Olympus microphones**
- **Web-based usage reports**
- **On-screen tablet controls**
- **Dictation mode with back-end speech and Fusion Narrate Text™ transcription integration**



## Fusion Speech | Back-end Speech

Fusion Speech | BES technology delivers exceptional accuracy out of the box and requires no physician training or changes in practice patterns. However, not every physician has the immediate desire, or perhaps is not a good candidate, to use speech recognition. Fusion Speech enables a clinician to capture the patient story in the dictation method to which they are accustomed and sends the recognized narrative to transcription for editing. Utilizing voice files for acoustical adaptation, the solution learns with each dictation, resulting in a near seamless transition when the physician is ready to migrate to front-end speech. As transcription edits reports in the background, they are training the system to be even more accurate, improving the already exceptional out-of-the-box recognition rate.



## Fusion Expert | Front-end Speech

Unlike other front-end products, award winning Fusion Expert | FES is not a separate system. It uses the same report formats, configurations, output distribution and interfaces as Fusion Speech | BES. In a single system, Fusion accommodates the physician who prefers real-time speech recognition and self-editing, as well as the user that wants to utilize the productivity of transcription/editing, all with a single speech license. The flexibility of Dolby's speech solutions comes from the user controlled options for creating the workflow that each user requires to be successful. Fusion Expert provides the accuracy to make speech recognition attainable by more physicians than ever before. Dolby speech recognition is an essential tool for delivering results quickly and accurately and Fusion Expert meets the demands of critical results reporting for radiology, cardiology or the detailed reporting required in emergency and general clinical reporting.

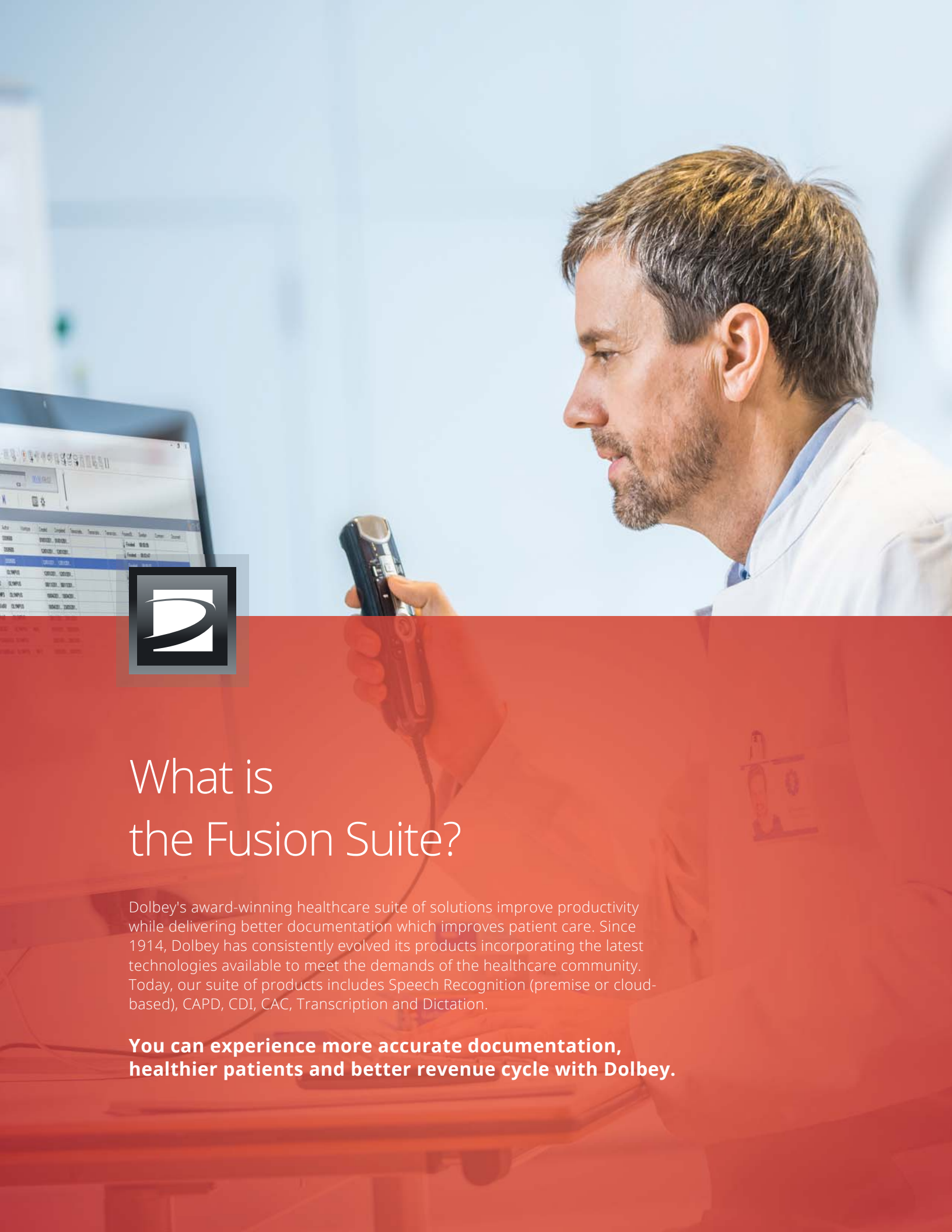
# Fusion SpeechEMR

**Fusion SpeechEMR technology offers physicians the ability to utilize speech recognition within any EMR or third-party application.**



This patented feature of the Fusion Expert software allows a clinician to use speech recognition with recognized text inserted into almost any free form text area without the need for specialized interfacing or integration to the third-party application. With Fusion SpeechEMR, physicians now have the ability to dictate into Fusion reports as well as medical reporting applications of any vendor or type. Routines (templates/normals) provide

users with rapid entry of text, saving time and improving accuracy. While many of the same voice commands familiar to clinicians in front-end speech recognition are also available in Fusion SpeechEMR, they can also create their own voice commands to further control the EMR application. The user can look up vital signs or check the latest lab values while continuing to capture the patient story. Once a Fusion SpeechEMR dictation has been initiated, the physician can navigate and place focus on any other application during the process of dictating. Neither Fusion Expert nor the other application needs to maintain focus in order to continually capture additional narrative, allowing for a seamless workflow for the user.



## What is the Fusion Suite?

Dolbey's award-winning healthcare suite of solutions improve productivity while delivering better documentation which improves patient care. Since 1914, Dolbey has consistently evolved its products incorporating the latest technologies available to meet the demands of the healthcare community. Today, our suite of products includes Speech Recognition (premise or cloud-based), CAPD, CDI, CAC, Transcription and Dictation.

**You can experience more accurate documentation, healthier patients and better revenue cycle with Dolbey.**



Since 1914, Dolby has been providing voice recording and document management solutions designed to help healthcare organizations improve workflow, boost productivity and increase profitability.

The Fusion Suite platform is Dolby's line of award-winning software products that includes dictation, transcription, speech recognition, clinical documentation improvement and computer-assisted coding technologies. Together they deliver an end-to-end solution which creates more accurate reporting of critical data elements and improves documentation, reimbursement and patient care.

## How can we help you?

Find out how our award-winning solutions can add value to your organization. Contact us or visit our website for more information.

**[www.dolbey.com](http://www.dolbey.com) • [info@dolbey.com](mailto:info@dolbey.com) • 800-756-7828**



**DOLBEY**  
— SINCE 1914 —

Fusion Speech®, Fusion Expert®, Fusion SpeechEMR®, Fusion Narrate®, Fusion DocCheck™ and Fusion Narrate Text™ are trademarks or registered trademarks of Dolby and Company, Inc. Fusion Suite™ is a trademark of Dolby and Company, Inc. and Dolbey Systems, Inc. nVoq™ is a trademark of nVoq, Inc. All other trademarks and trade names are the property of their respective owners.