

Custom Speech USA™ Case Studies Dictation with Bar Code for Pathology Group

Background

Pathologists needed “hands-free” dictation and bar code scanning while examining specimens.

Case Study

Vendor/Client

Custom Speech USA™ for regional pathology group in Bellingham, WA.

Overview

The pathology group provides clinical and reference laboratory testing. The group is accredited by the College of American Pathologists and includes pathologists, technologists, and support staff. The pathologists evaluate specimens and needed hands-free dictation. As the group was considering upgrade to speech recognition, it was necessary to use quality microphones with noise cancellation. The pathologists decided to use a Sennheiser e835s handheld microphone attached to a microscope, and 5 36” InSync gooseneck microphones at other workstations. Recording is controlled using a standard USB three-position foot control used (which is also used with PlayBax™). The foot control interfaces with CustomMike™ driver and sound recorder. Sound recorder options include record, play, stop, rewind, fast forward, fast rewind, insert, overwrite, mark 1, mark 2, and volume. The pathologists selected overwrite (which they use for record), play, and rewind. The group later requested integration with a pre-existing desk mounted bar code reader. Using the DictatePro™ add-on for CustomMike™, a dictating pathologist can scan the specimen bar code and save the specimen number to a file on a specific network drive. The file is associated to the recorded .wav file by file name. As per the customer request, use of Command!™ Script Tool™ will permit easy modification of the assigned drive and other work-related parameters.

Components

- CustomMike™ x 6 with DictatePro™ add-on for bar code scanning
- 3-position USB foot control x 6
- 36” InSync Buddy gooseneck microphone USB x1
- Sennheiser e835s with microphone holder x 5

Installation

The client purchased telephone support package, but was able to do most of the installation themselves referring to Custom Speech USA™ online help files. The customer later purchased 2 hours of custom scripting to integrate bar code scanning with the dictation.

Benefits

- Integration using preexisting and off-the-shelf components
- Hands-free dictation with bar code scanning
- Installation primarily by customer with reduced support charges
- Modular, flexible approach

Revised 03/10/04. Price, availability, specifications, and terms are subject to change without notice. Custom Speech USA, Inc. trademarks are indicated. Other marks are the property of their respective owners.

We teach computers how to listen®

Custom Speech USA, Inc.

3 North Court Street, Suite B365

Crown Point, IN 46307

Tel: 219-662-3800 Fax: 219-662-3877

Web: www.customspeechusa.com E-mail: info@customspeechusa.com