



PACS/RIS INTEGRATION with TA+

Arrendale's dictation and speech recognition integration with major PACS systems at the Speak-EZ+ desktop streamlines documentation for radiologists while improving report turnaround time. Arrendale integration delivers an XML auto-transfer of patient and order data as each new image appears on the PACS monitor. The XML file transfer from PACS to Speak-EZ+ is immediate and auto-populates the Speak-EZ+ dictation application window as radiologists dictate with a USB connected mike. With our two-way integration, radiologist efficiencies include:

- ◆ Elimination of manual dialing into a traditional dictation system and verbal entry of patient data
- ◆ Elimination of barcode scanning or manual entry of order/accesion numbers
- ◆ Typical data populated from the XML file transfer includes, but is configurable:
 - Patient Name
 - Date of Birth
 - Work Type
 - Order (Accession) Number
 - Exam Date
 - Order Description
- ◆ Our integration with Nuance's Dragon Medical Practice Edition for front-end speech recognition provides additional functionality with Dragon's Command and Control features
 - Radiologists may insert Normals from a dropdown list
 - Radiologists may send selected draft recognized text files to a QA team member to edit
 - Speak-EZ+ includes a "Save Incomplete" option when more time is needed to complete
- ◆ Speak-EZ+ links up to 10 additional orders for panel studies
- ◆ Convenient Philips SpeechMike controls include:
 - Rewind, Fast Forward, Pause, Stop, Play, Insert, Overwrite and Suspend
- ◆ Duplicate dictations on the same image are eliminated
- ◆ Two-way integration includes real-time notification to PACS that dictation is completed
- ◆ Transcribed reports are typically uploaded via HL7 to PACS or RIS repositories including:
 - Agfa, Cerner, Fuji, GE Centricity, McKesson HMI, Novarad and Philips
- ◆ Integrated, but optional, e-signature module includes reporting for dictation to signature measurement
- ◆ Only one signature is required for multiple linked orders
- ◆ Addendum processing attaches addendum to original order and includes watermark
- ◆ Simple MSI installation for remote users; no VPN is required

