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Computer Audio Recorded Interviewing (CARI): Experience Implementing the New Blaise Capability

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CARI: What and Why

CARI Elements

- Collection
- Management
- Coding

Present in the moment

CARI Impact on Survey Processes – 1

- Direct observation
- Interviewer validation
- Data quality

CARI Impact on Survey Processes – 2

- Editing
- Open-ended responses
- Consent
- Training

CARI Implementation Requirements

- Leverage existing hardware
- Unobtrusive
- Flexible
- Integrate with existing data collection
- Highly usable data
- CONFIDENTIAL

Recording: Past…

- Westat-developed recording capability
  - Overlaid Audit.dll
  - INI file determined details
- Considerations
  - Re-engineer to Blaise releases
  - Issues with navigation
  - No screenshots

Recording: …Present …

Blaise 4.8.2 CARI Specification Tool

- Sound files and screenshots
- “Chance” sampling
- File naming
- Consent
- Logging
- Many other sound file features

Recording: Advantages of Blaise CARI

- Tightly integrated
- Maintenance made easy
- Screenshots

CARI and Field Management: Challenges

- Confidentiality
- Sound file considerations
- Very large files

Coding Sound Files: CARICode

As CARI data increases…

- Replace networked applications with web-based
- Distribute coding across field staff based on function
- Role-based access
- Paradata is paramount

Initial Validation Coding for Interview Validation -- Webpage Dialog

Code Audio Recording

General Information

Interviewer ID	ECLK0010	Case ID	3045023P	Field Region:	A
Count of cases assigned at start of field period	7	Date of interview	9/4/2010 10:30:17 AM	Work Area:	101
Interviewer category	Assessor	Langauge	English		
# completes in previous week	1	Start Time (including AM/PM)	9:40:50 AM		
# completes in total	1	Total time of interview :hh.mm	0:00:49		
# ever refuse in previous week	0	Range for interview time (full sample)	0:00:45 - 0:01:15		
# ever refuse in total	0	Ever refused disposition (at any time)	N		
		Last disposition prior to complete			
		Total # of contacts	1		

Question name: PLQ020 Cycle: 1

Stage of coding: Initial Validation Coding Coder ID: ECLK0001

Stopped

Blaise Screen Shot (click image to enlarge)

Question Response: 2

1. Record the verbatim text for the open ended responses or the response code that corresponds to the recording:

2. How well can you hear the interviewer on this recording? --

3. How well can you hear the respondent on this recording? --

4. Did the interviewer change the question when reading it?

No, read the question as scripted
Yes, did not read the reference period
Yes, did not read the text following the question mark
Yes, did not read the response categories (if a required part of question text)

5. How would you rate the interviewer's professionalism? --

CARICode Functions

- Interviewer validation
  - field supervisors, QA staff
- Question assessment
  - designers, methodologists
- Interviewer performance
  - field supervisors
- Survey data capture
  - coders, editors

CARI: Implementation Overview

- Design and specification
  - Items, probabilities, functions
- CARICode configuration
  - Items, coding & verification rates, paradata
- Testing
  - Unit, integration
- Production & Reporting

Blaise CARI

Questions or comments welcome

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