

# Testing with Your Business Partners

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# Topics

- ◇ Forget what you know – this is not Y2K
- ◇ Testing Alphabet/Glossary
- ◇ Levels, Testing #, and Certification ROI
- ◇ Criteria for 3<sup>rd</sup> Party Certification
- ◇ Sequencing and Testing – weird combo
- ◇ Front-End Edits & Relaxed HIPAA
- ◇ Political Landscape – PA Lessons Learned

# Unlike Y2K

- ◇ Although useful as a way to organize testing, there are more differences than similarities
- ◇ Far more complex interfaces internally, more testing requirements, & far more transactions/code sets than y2k
- ◇ The never-ending-story: HIPAA testing will continue as transactions are legislated (HIPAA 2), versions are changed and codes are updated
- ◇ Still waiting for national id regs

# The Testing Alphabet – A, B, C

Test	Sender	Receiver
<u>A</u> pplication	Unit and acceptance test all impacted internal applications & interfaces	Unit and acceptance test all impacted internal applications & interfaces
<u>B</u> 2B	Test trading partners' ability to process	Test trading partners' ability to send
<u>C</u> ompliance Certification	Trusted third-party certifies ability to send	Trusted third-party certifies ability to process
Compliance Testing	Test ability to send with each trading partner	Test ability to process with each trading partner
Mix Certification & Testing	Test ability to send above level certified	Test ability to process above level certified
End 2 End Parallel Testing	Compare results of complete transaction cycle pre-post HIPAA	Compare results of complete transaction cycle pre-post HIPAA

# Topics/Glossary

- ◇ Transition Plan – How a covered entity brings any one of its HIPAA-impacted systems online
- ◇ Application Testing – unit/acceptance testing of all internal HIPAA impacted systems & interfaces
- ◇ Sequencing – Transactions/Codes: working with Regional Trading Partners (TP) via SNIP to decide whether to sequence transactions/code set changes & in what order
- ◇ Compliance Certification – using trusted 3<sup>rd</sup> parties to test own capacity to send & receive with TPs

# Topics/Glossary

- ◆ Compliance Testing – doing some or all without 3<sup>rd</sup> party assistance
- ◆ B2B – Testing connectivity and non-certified capabilities – including transaction-related privacy & security
- ◆ End2End – Testing the integrities of the results using parallel processing environments

# Sequencing Conundrums

- ◇ Sequencing is “good” but only if you don’t step on your own/TP toes – don’t want to have to redo testing if it can be avoided
- ◇ Certain pairings make sense – 837 with 835 and 278 – but what about waiting for the code national id and local changes? Will you need to re-test?
- ◇ If your front-end solution relies on 834 info to build a 271, do you need to implement these together?

# Sequencing Conundrums

- ◇ If your 277 relies on 837 trace numbers, will you need to retest if you put the 276/277 & 277/275 off till later?
- ◇ Criteria for ensuring that sequencing sequence is the right one – depends on internal remediation to some extent

# Sequencing Conundrums

- ◇ Unit testing – data segment by data segment
  - ◇ – Module by Module
- ◇ Trace Dependencies
  - Across Transactions
  - Across Code Sets
- ◇ Track Results – when new Transactions are Sequenced in – You'll know which Unit/Module needs re-testing

# Reality Changed

- ◇ Reality changed with the year extension
  - Dual Systems vs. all or nothing
  - Pressure off of cash flow
  - Need to use time wisely
    - ◇ Forcing providers into a switch over schedule

# Your turn #1

- ◇ Is your state planning to spread out B to B testing so there is no mad rush in October 2003?

# Test Data

- ◇ Yours or mine
  - Traditional we used providers
  - Can not test 835 thoroughly that way
  - Providers will not want to key my test data

# Who to test

- ◇ Software level
- ◇ Provider (payee) level
- ◇ Different rules for different transactions?

# Is it really HIPAA pre 10/2003

- ◇ Start now
- ◇ Certify later?

# Your Turn #2

- ◇ Is your state requesting 3rd party certification?
- ◇ What level?
- ◇ What 3rd party?

# Some Interesting Reading

- ◇ SNIP White-Papers at <http://snip.wedi.org/public/articles/index.cfm?cat=6>
- ◇ ROI: Economics of 3rd-Party Transaction Certification by Peter T. Barry
  - Included with the electronic copy of this presentation