



# HIPAA Compliance Tools:

## ANSI ASC X12N HIPAA Implementation Guides

- Transaction Testing
- Types of Testing
- Compliance Verification
- Levels of Compliance Verification
- EHNAC STFCS

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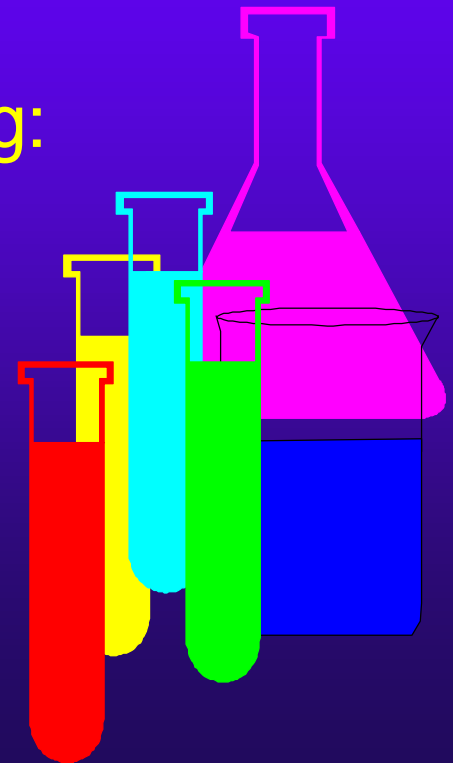


# Transaction Testing

Ability to assure the integrity and effectiveness of the business transactions and their data content with respect to **internal application systems**.

Three types of Transaction Testing:

- Quality
- Quantity
- Business





# Transaction Testing - Quality

- Confirm EDI mapping
- Assure cost effective & efficient transmission.
- Validate
  - data dictionary
  - utilization of code sets
  - assure unambiguous data content.
- Identify change impact on prior versions/releases/sub releases.





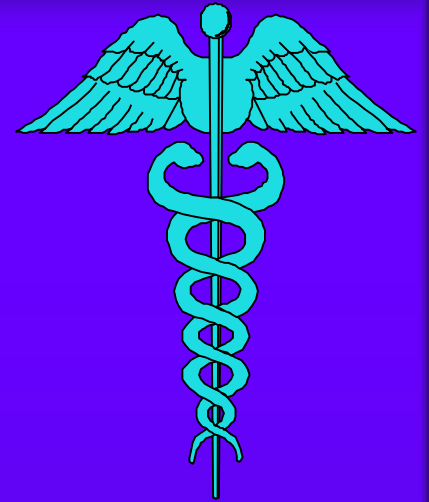
# Transaction Testing - Quantity



- Assure translation performance.
- “Proof of concept”
- Tactical implementation planning
- Highlight issues prior to mass deployment



# Transaction Testing Business (Industry)



- Assure industry business needs are met.
- End to End or Loop testing
- Parallel processing
- Go Live!



# Compliance Verification

Process to ensure that the standards are implemented in a uniform manner according to the HIPAA Implementation Specifications.

- X12N Implementation Guides
- NCPDP Implementation Guide
- HL7 Booklets

# Levels of Compliance Certification



## Six Levels of Compliance

1. Integrity Testing →
2. Requirement Testing
3. Balancing
4. Situation Testing
5. Code Set Testing
6. Line of Business Testing

### X12 Standards Requirements

- Valid Segments
- Segment Order
- Data Element attributes
- Numeric validation
- X12 Syntax Validation
- X12 Rules





# Levels of Compliance Certification

## Six Levels of Compliance

1. Integrity Testing
2. Requirement Testing →
3. Balancing
4. Situation Testing
5. Code Set Testing
6. Line of Business Testing

### HIPAA Implementation Specification Requirements

- Repeat counts
- Used & Not Used Codes
- Elements and Segments
- Required or intra-segment situational data elements
- validation of non-medical codes contained within IG
- Codes referenced within the IG



# Levels of Compliance Certification



## Six Levels of Compliance

1. Integrity Testing
2. Requirement Testing
3. **Balancing** →
4. Situation Testing
5. Code Set Testing
6. Line of Business Testing

### Balanced Totals within the Transaction

- Segment Counts
- Transaction Counts
- Financial Balancing
- Summary Data Elements

# Levels of Compliance Certification



## Six Levels of Compliance

1. Integrity Testing
2. Requirement Testing
3. Balancing
4. **Situation Testing** →
5. Code Set Testing
6. Line of Business Testing

### Inter-Segment Situations

- If “A” occurs then “B” is required

### Examples:

- If “Auto Accident” then State Code is Required
- If “Accident” then “Accident Date” is Required

# Levels of Compliance Certification



## Six Levels of Compliance

1. Integrity Testing
2. Requirement Testing
3. Balancing
4. Situation Testing
5. **Code Set Testing** →
6. Line of Business Testing

### Validate External Codes:

#### Examples:

- CPT4
- ICD-9-CM
- CDT
- NDC
- Claim Status Codes
- Claim Adjustment Codes
- Provider Taxonomy Codes

# Levels of Compliance Certification



## Six Levels of Compliance

1. Integrity Testing
2. Requirement Testing
3. Balancing
4. Situation Testing
5. Code Set Testing
6. Line of Business Testing →

### Specialized Testing:

#### Examples:

- Ambulance
- Chiropractic
- Podiatry
- Home Healthcare
- Durable Medical Equipment
- Psychiatry

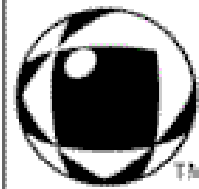


# Testing & Compliance Verification Tools

- ◆ EHNAC – Standard Transaction Format Compliance Systems (STFCS)
- ◆ Foresight Corporation
  - Provisto
  - EDISIM
- ◆ EDIFECS
- ◆ EDI Translators
  - HIPAA Tool Kits



# EHNAC<sup>TM</sup>



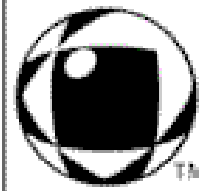
## EHNAC

Standard Transaction Format  
Compliance System Subscriber

- Establishes a single objective site to provide feedback on transaction compliance
- Verifies that a company can actually send or receive HIPAA X12N compliant transactions.
- Use to resolve implementation disputes between trading partners



# EHNAC<sup>TM</sup>



## EHNAC

Standard Transaction Format  
Compliance System Subscriber

- Tracks subscribers successful tests
- Provides a library of compliant transactions



# Provides Level 1 and 2 Compliance Verification

STFCS checks transactions on three levels.

1. Envelope

Segments Checked:



2. Structural

- Transaction set is checked – **ST to SE**

3. Data Element

- Each data element is checked.

# Cost?

- \$595/year, which includes the registration fee and 250 tests
  - Additional 100 tests for \$100
- Annual renewal is \$395, includes 250 tests + carryover from previous year
- All EHNAC Accredited companies receive the service free of charge



# Conclusions...

- Compliance and testing tools exist
  - BDB !
    - *Buy Don't Build!*
- Differences between compliance verification and testing
- Choose tools wisely
- WEDI SNIP - [www.wedi.org](http://www.wedi.org)

Thank You !