

Demystifying the Health Care Claim Attachments



The Twelfth National HIPAA Summit
Washington DC
Monday April 10, 2006

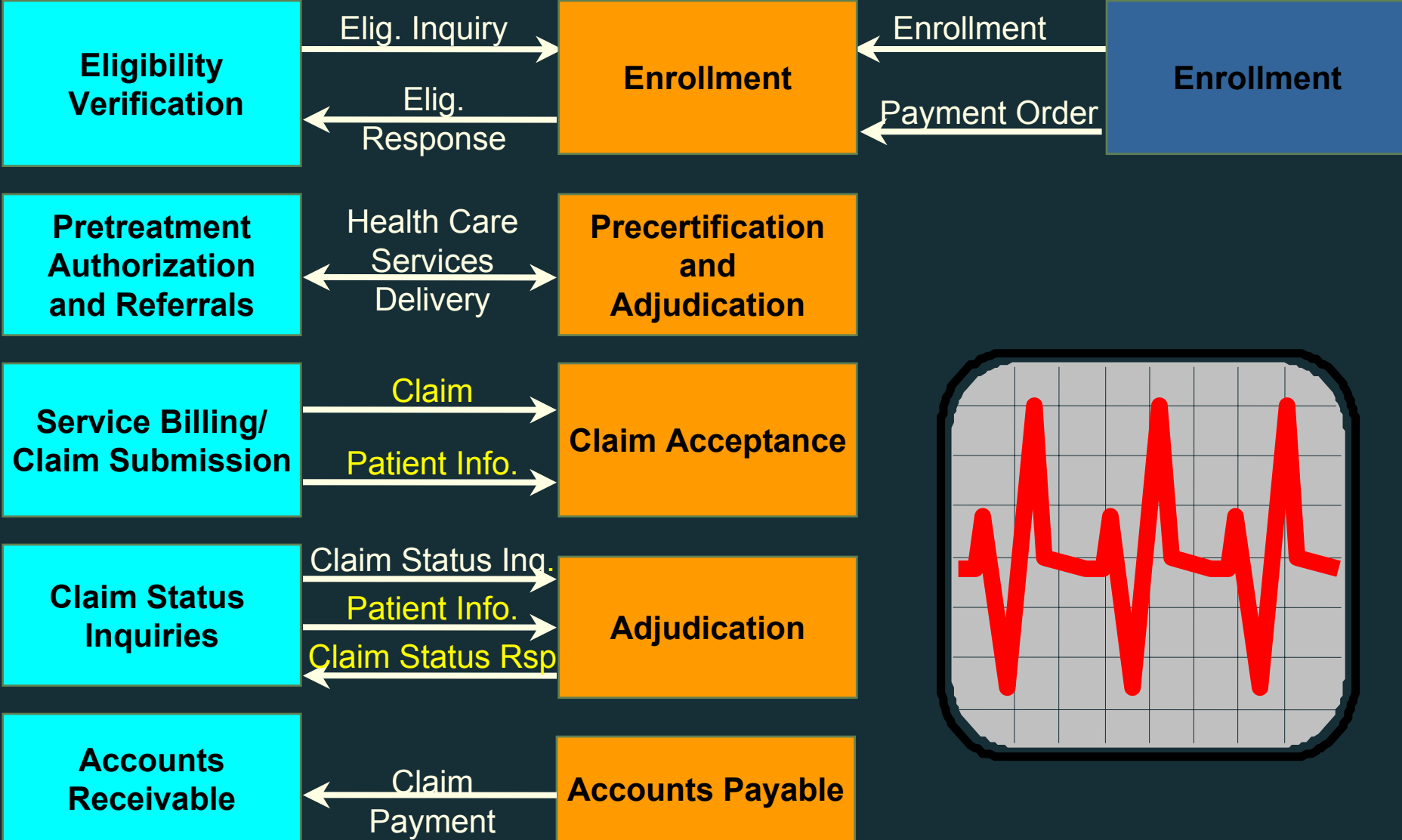


Gary Beatty
President
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Claims Attachments - HIPAA

A health care claim attachment conveys supplemental information pertaining to the services provided to a specific individual to support evaluation of a claim before it is paid.



Attachment Usages

- Support Health Care Claims Adjudication
- Prior Authorization Assessments
- Validate policies and standards are met
- Post payment review
- Mitigate fraud and abuse

HIPAA Time Line

- 08/21/1996 - HIPAA signed into law
 - HIPAA legislation requires that the secretary of DHHS adopt a standard for attachments 30 months after enactment
- 08/17/2000 – Transactions and Code Sets Regulation
- 09/23/2005 – Attachments Proposed Regulation
- Public comment period ends ~~11/22/2005~~ → 01/23/2006
- **DHHS develops responses and Final Regulation**
- **Internal Clearance – Final Regulation**
 - CMS
 - DHHS
 - OMB
- **Publish Final Regulation in Federal Register**
 - 60 day congressional review – effective date
 - 24 / 36 months – compliance date

Goal of Health Care Claim Attachments

Make the process of submitting and adjudicating health care claims more effective and efficient by providing a structured and standard means of requesting clinical/supporting data for health care claims or encounters





Benefits

\$414 million – \$1.1 billion (5 years)

- Reduced staffing/costs
 - Copying
 - Coding
 - Transcribing
 - Storing
 - Processing
- Providers:
 - Reduced amount of supported data exchanged
 - Decrease days revenue outstanding
 - Anticipate payer data content needs
- Payers:
 - More complete information
 - Increase 1st pass adjudication



Attachments History

- 1994 WEDI Survey
 - Study needs for electronic attachments
 - Identified hundreds of paper attachments
 - Recommendations
 - Standardized data elements
 - Collaboration between affected entities
 - Standard lineage between transactions
 - Develop transaction pair (inquiry/response)
- 1997 HL7 & X12 joint attachments effort



Standards for Attachments

- ASC X12N Insurance Subcommittee
 - Task Group 2 Health Care
 - Workgroups 5 Health Care Claim Status
 - ASC X12N 277 (004050X150) Request for Additional Information
 - Workgroups 9 Patient Information
 - ASC X12N 275 (004050X151) Additional Information in Support of a Health Care Claim or Encounter
- Health Level 7 (HL7)
 - Attachments Special Interest Group (ASIG)
 - Clinical Document Architecture (CDA)
 - Additional Information Specification Implementation Guide
 - Additional Information Specifications



More History...

□ **Proof of Concept (POC) Team**

- ✓ 5 Medicare contractors funded by HCFA to develop Electronic Request for Information
- ✓ 1997 began considering options for Claims Attachments as response to request - April 1997 approached HL7
- ✓ August 1997 POC Team joined HL7 and helped to form the Attachment Special Interest Group (ASIG)
- ✓ ASIG solicited industry input before moving forward

History...

□ **Industry outreach recommendations**

- ✓ Determine most frequently used Attachments
- ✓ Consider Attachments where HL7 messages already exist / in development
- ✓ **Need to “Standardize” the questions payers ask - industry consensus required**
- ✓ Use LOINC codes



What is LOINC?

- Logical Observation Identifier Names and Codes
- Universal names and ID codes for identifying
 - ✓ laboratory and clinical test results
 - ✓ other information meaningful in claims attachments
- Freeware
- Owned by
 - ✓ Regenstrief Institute
 - ✓ <http://www.regenstrief.org/>
 - ✓ Logical Observation Identifier Names and Codes (LOINC) Committee



Why LOINC?

- Using LOINC allows for specific questions to be asked when needed
- LOINC already had many codes needed for Claims Attachments
- LOINC Committee was accommodating regarding special code requests



HL7 Standard for Attachments

- Clinical Document Architecture (CDA)
 - Provides flexibility for varying levels of implementation
 - Human Decision Variant
 - Scanned image
 - Text data
 - Computer Decision Variant
 - Full codified structured data using LOINC

Business Flow Solicited Model

reqi-vorP

ASC X12N 837 Health Care Claim/Encounter →

← ASC X12N 277 Request for Additional Information

ASC X12N 275 + HL7 CDA Additional Information →

← ASC X12N 835 Remittance Advice

Pa-ye-r

Business flow Unsolicited Model

Provider

ASC X12N 837 Health Care Claim/Encounter
and ASC X12N 275 +HL7 CDA Additional Information



Payer sends ASC X12N 835 Remittance Advice



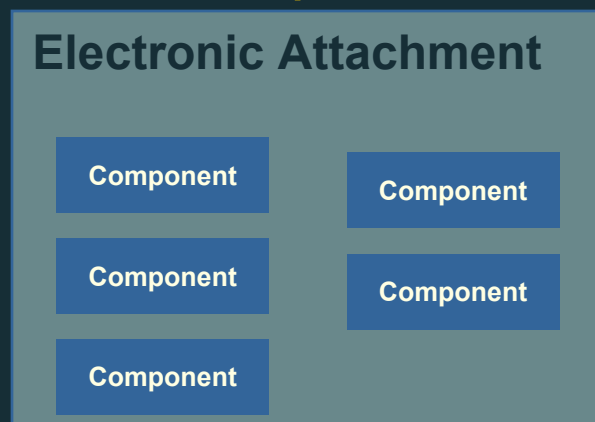
Payer

Structure of Attachments

- A 277 asks for
 - Attachments

or

 - Components

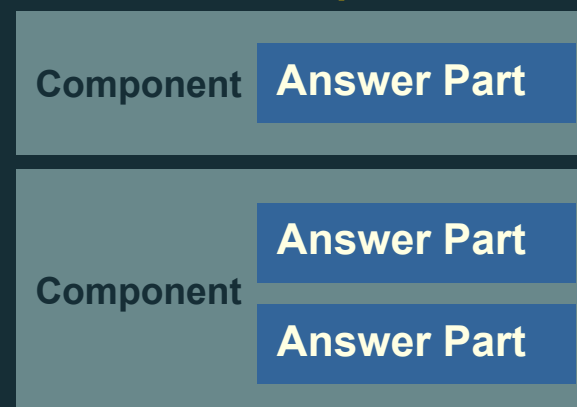


–By sending LOINC

- A 275 sends
 - Components

consisting of

 - Answer parts



–Identified by LOINC

LOINC Question/Answer Example

Emergency Department **18679-1**

Question

Respiratory Rate

18686-6

Body Temp

18688-2

Answer

Respiratory Rate

11291-2 **85**

Body Temp

11289-6 **101.6**

Temp Reading Site

11290-4 **1 (oral)**



HL7

Additional Information Specifications

1. Rehabilitative Services – rehabilitation care plans associated with 9 disciplines
 1. cardiac rehabilitation
 2. medical social services
 3. occupational therapy
 4. physical therapy
 5. respiratory therapy
 6. skilled nursing
 7. speech therapy
 8. psychiatric rehabilitation
 9. alcohol/substance abuse rehabilitation



HL7

Additional Information Specifications

2. Emergency Department

- Supporting documentation when an emergency department visit is reported
- Derived from Data Elements for Emergency Department System, Rel 1 (DEEDS)

Attachments

3. Clinical Reports

(Including, but not limited to)

Anesthesia

Arthroscopy

Bronchoscope

Cardiac catheterization

Colonoscopy

Consultation note

Consultation request

Cytology

Diagnostic imaging

Discharge note

Echo heart

EEG brain

EKG

Electromyelogram

Endoscopy

Exercise stress test

Attachments Completed by HL7

3. Clinical Reports (cont.)

(Including, but not limited to)

Flexible sigmoidoscopy

History and physical

Notes

Initial assessment

Nursing

OB echo

Operative notes

Procedure note

Progress note

Radiology

Spirometry

Surgical pathology

Temperature chart total

Visit note

Clinical Reports do not include psychotherapy notes

Attachments Completed by HL7

4. Laboratory Services

- Provide laboratory results
- Reason for study
- Abnormality indicators

5. Ambulance

- Data used to describe ambulance services

6. Medications

- Reporting of medications currently in use
- Medications taken during treatment
- Medication provided upon discharge



Attachments in Development

- Home Health
- DME
- Periodontal Charting
- Consent
- Children's Preventive Health Services



CDA Structure

- CDA defines tag names and nesting

```
<levelone>
```

```
  <clinical_document_header>
```

```
  </clinical_document_header>
```

```
  <body>
```

```
  </body>
```

```
</levelone>
```



Clinical Document Architecture (CDA) Structure

□ Header

- Document Information
- Encounter Data
- Service Actors (such as providers)
- Service Targets (such as patients)
- Localization

□ Body

- Single <non-xml> element - information on a external file that contains the body
- One or more <section> elements



CDA Structure

- Header
 - Document Information
 - Document Identification
 - Document Timestamps
 - Document Confidentiality
 - Document Relationships



CDA Structure

- Header
 - Service Actors
 - People responsible for a clinical document
 - Authenticators
 - Intended recipients
 - Originators
 - Transcriptionist
 - Healthcare providers
 - Other service actors



CDA Structure

- Header
 - Service Targets
 - Patient
 - Originating device
 - Other significant participants (e.g. family members)



CDA Structure

- Body
 - Single <non-xml> element - information on a external file that contains the body (non-XML)
 - One or more <section> elements
 - Structures
 - Nested <section> elements
 - <coded_entry> elements



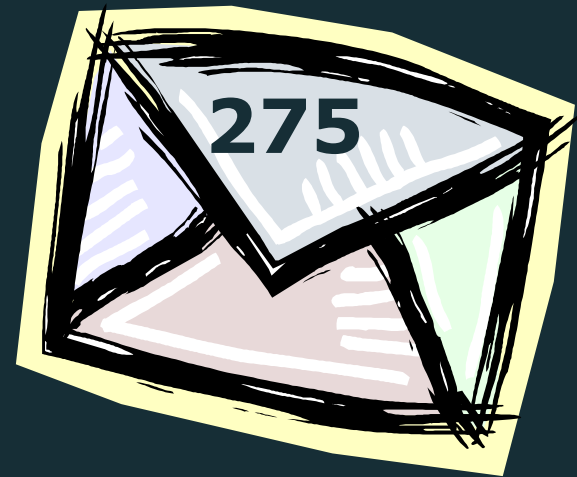
CDA Structure

- Body <section>
 - Structures
 - <paragraph>
 - <list>
 - <table>
 - Entries
 - <content>
 - <coded_entry> <coded_entry.value>
 - <link> <link_html>
 - <observation_media>
 - <local_markup>
 - Plain text

ASC X12N 275 (004050X151)

Additional Information to Support a Health Care Claim or Encounter

CDA



ASC X12N 275 (004050X151)

Additional Information to Support a Health Care Claim or Encounter

ISA*00*0123456789*00*1234567890*ZZ*SUBMITTERS ID*
ZZ*RECEIVERS ID*930602*1253*^*00405*000000905*0*T*:~

GS*PI*SENDER CODE*RECEIVER CODE*
19940331*0802*000000001*X*004050X151~

ST*275*000000001*004050X151~

⋮

BIN*55*<?xml version="1.0"?><levelone...>....</levelone>~

⋮

SE*18*000000001~

GE*1*000000001~

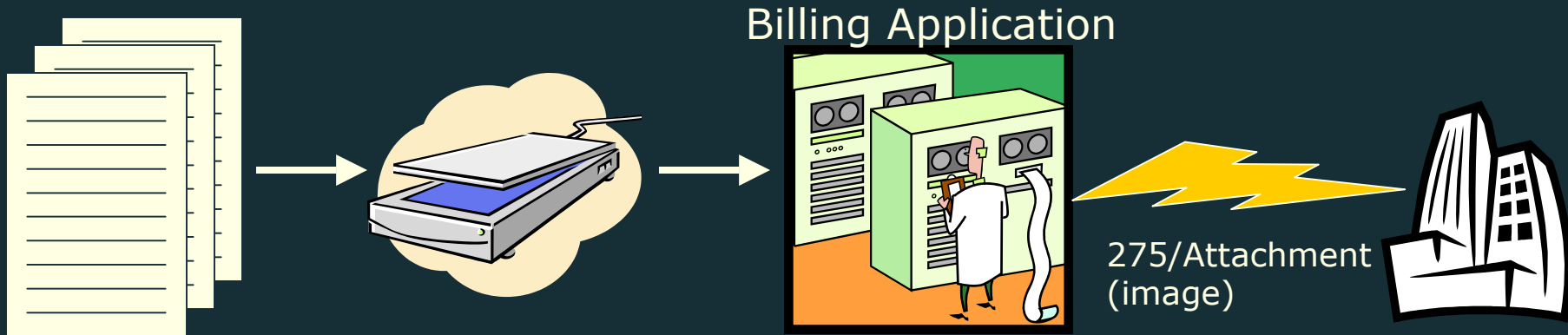
IEA*1*000000905~



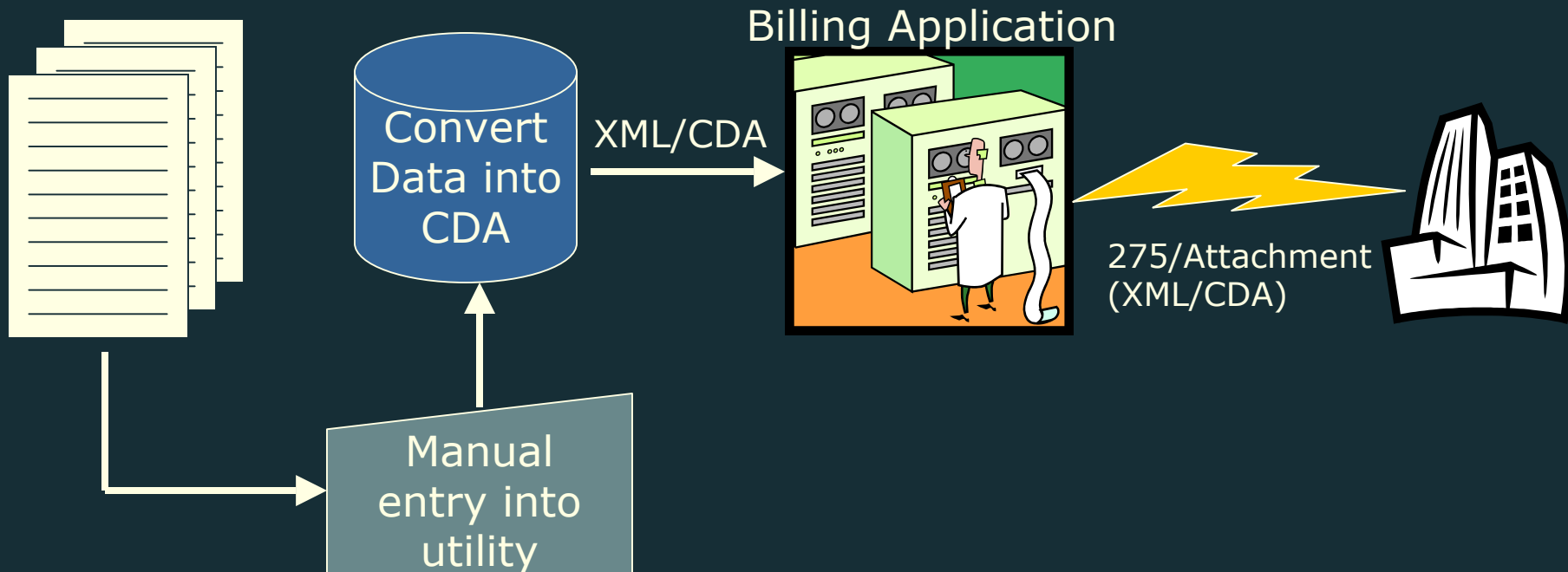
Attachment Data Variants

- Human-Decision Variant
 - Paper/image based health records
 - Transmit scanned images or text
 - XSL style sheet will be included
- Computer-Decision Variant
 - Original intent for claims attachments
 - Uses LOINC values
 - Allows for automatic processing

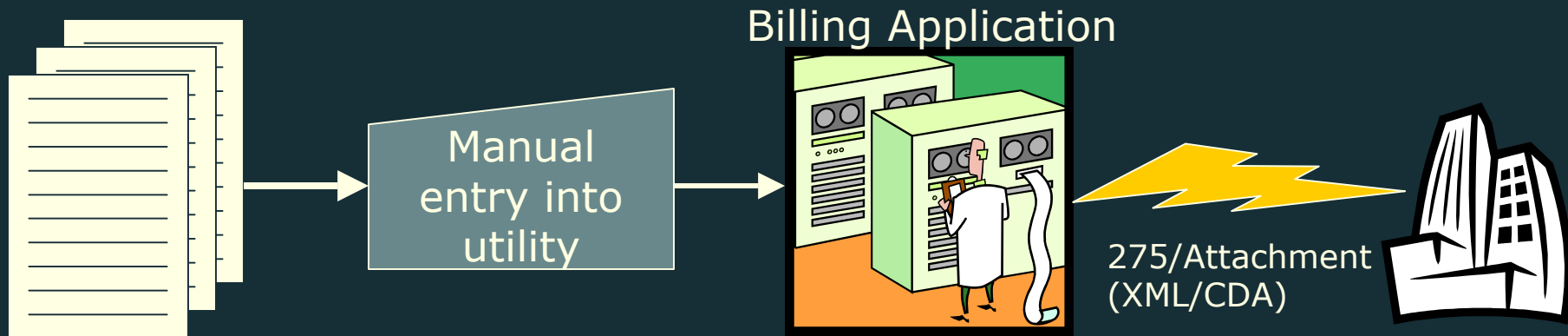
Provider Paths to Compliance



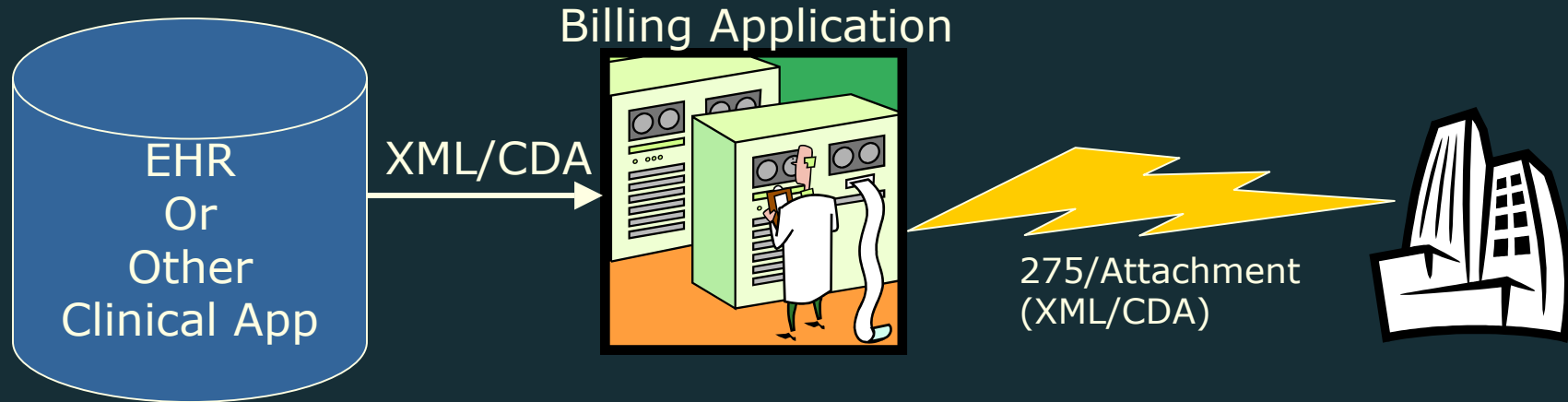
Provider Paths to Compliance



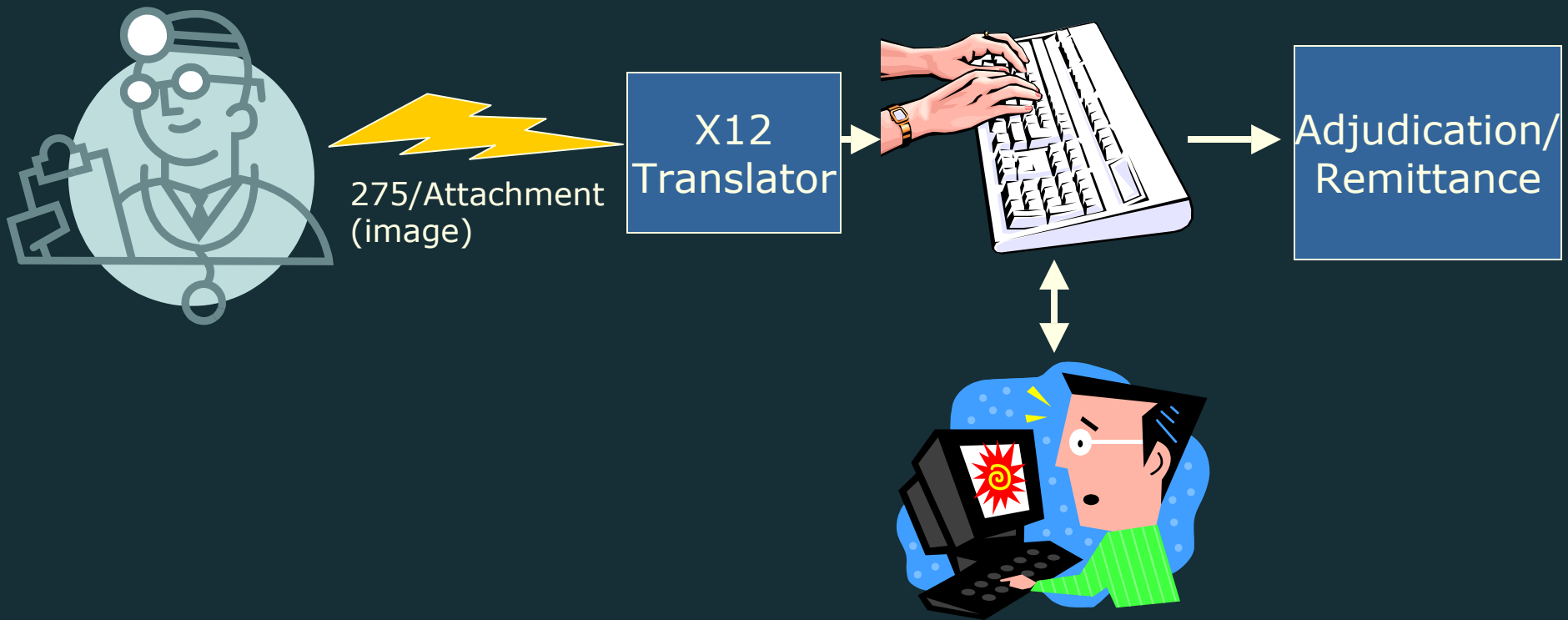
Provider Paths to Compliance



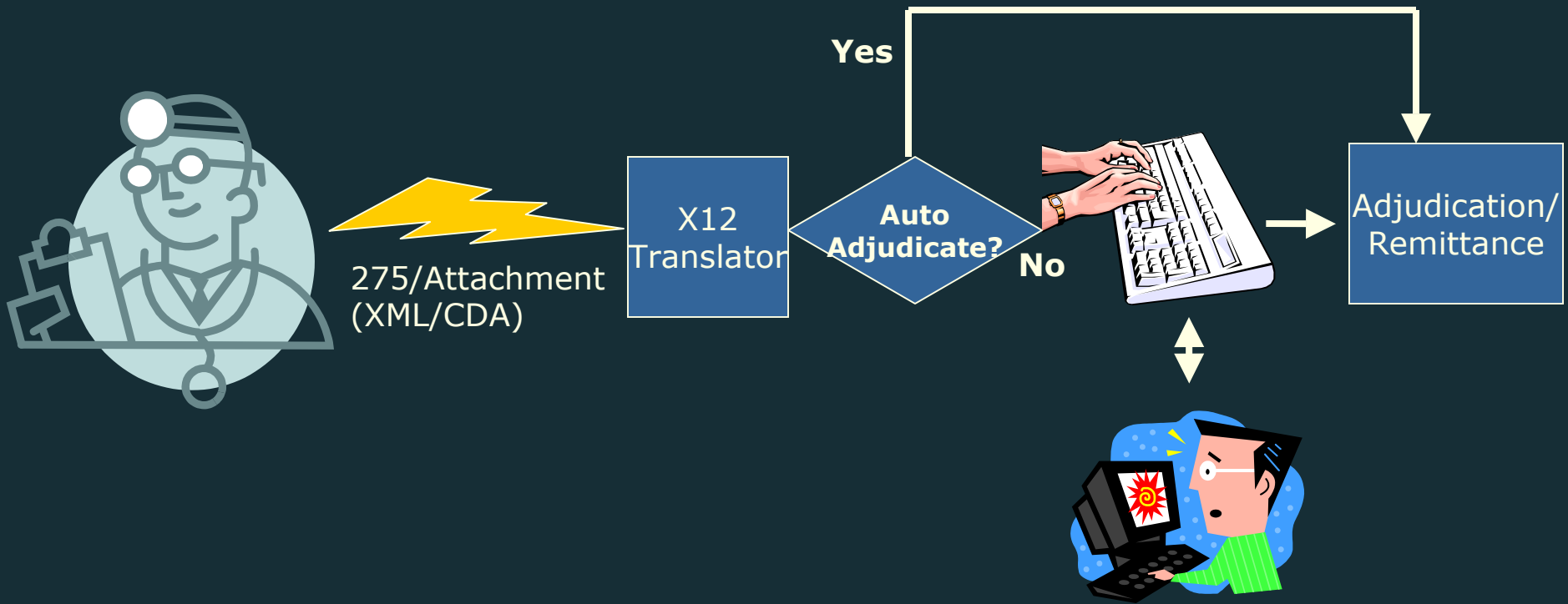
Provider Paths to Compliance



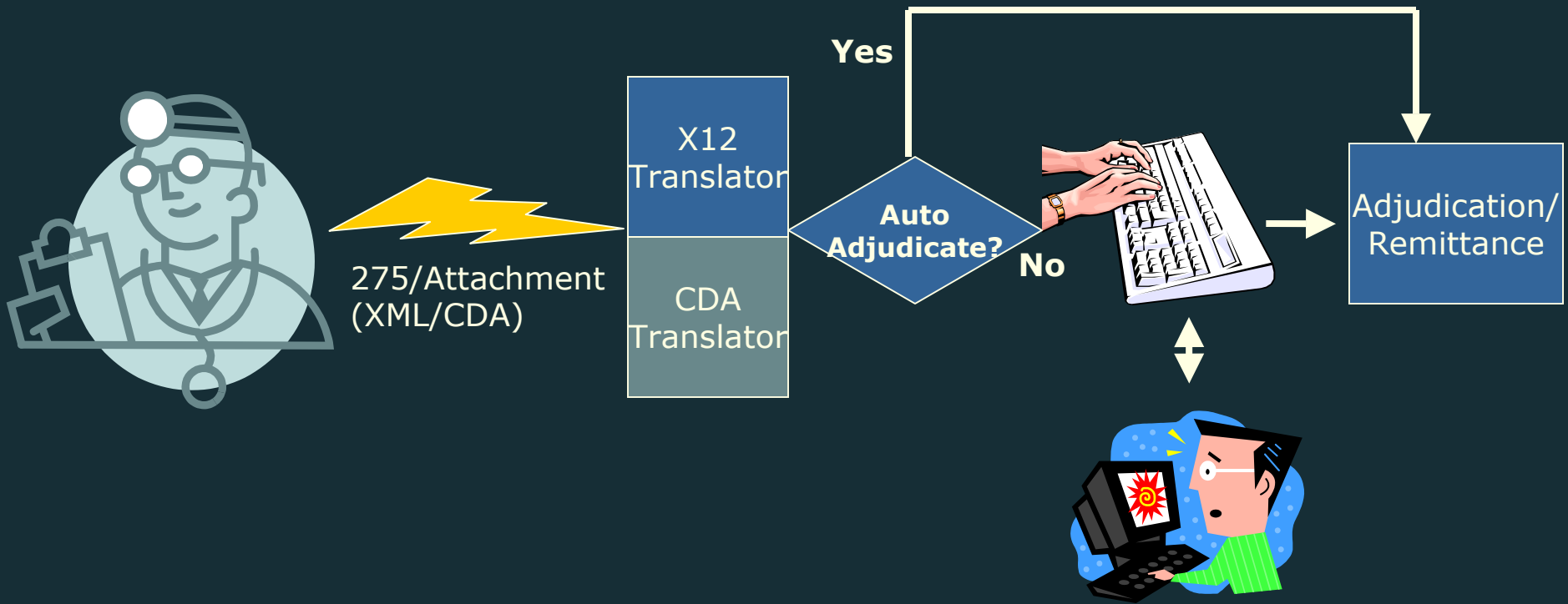
Payer Paths to Compliance



Payer Paths to Compliance



Payer Paths to Compliance





Claims Attachment Suite

- ASC X12N 277 Request for Additional Information (004050X150)
- ASC X12N 275 Additional Information to Support a Health Care Claim or Encounter (004050X151)
- HL7 Additional Information Specification Implementation Guide Release 2.1 based on HL7 CDA Release 1.0
- Logical Observation Identifiers Names and Codes (LOINC)
- LOINC Modifiers
 - Time Frame Modifiers
 - Scope Modifiers
- Additional Information Specifications CDA for Attachments R2.1 based on CDA R.1 (6 attachments)

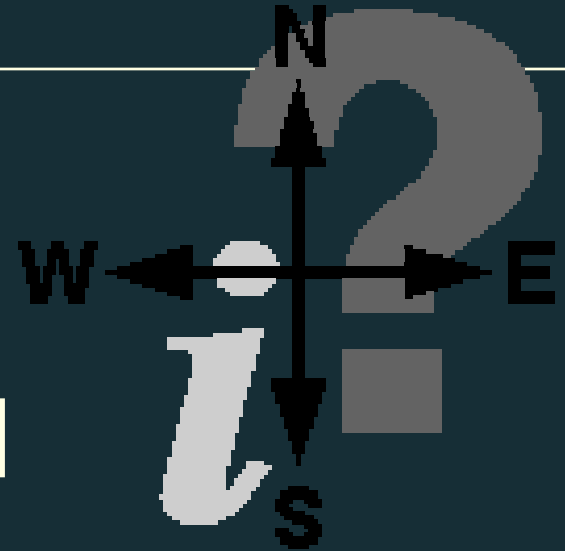


HL7

Additional Information Specifications

- AIS 0001: Ambulance Service Attachment
(CDAR1AIS0001R021)
- AIS 0002: Emergency Department Attachment
(CDAR1AIS0002R021)
- AIS 0003: Rehabilitation Services Attachment
(CDAR1AIS0003R021)
- AIS 0004: Clinical Reports Attachment
(CDAR1AIS0004R021)
- AIS 0005: Laboratory Results Attachment
(CDAR1AIS0005R021)
- AIS 0006: Medications Attachment
(CDAR1AIS0006R021)

Thank You



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