

## ANSI ASC X12N 276/277 Test Submission Procedures For Blue Cross and Blue Shield of Alabama

**IMPORTANT NOTE: Refer to appropriate 276/277 Companion Document for specific data requirements pertaining to each line-of-business.**

### **ACCESS SERVER CONNECTION STEPS:**

This step is not required if you choose to use another method to connect directly to the server such as a dedicated line (frame relay, T1) or the Internet.

1. Dial-Up Access Number: **205-682-7420**  
This connection uses Windows Dial-Up Networking (DUN) or UNIX PPP dial.  
Refer to **Appendix A – Dial-Up Networking Set-Up** for additional set-up instructions.
2. Server Host Name: **infosoltest.bcbsal.org**  
IP addresses can be supplied if necessary, however, we strongly advise against it.
3. Port Numbers: **Socket – 17300**  
**Remote Procedure Call (RPC) – 6000**

**NOTE:** Access to the InfoSolutions<sup>®</sup> Test server is available from 6:00 AM to 7:00 PM Central Time on regular business days Monday through Friday.

### **PROCEDURES FOR SUBMITTING A 276 TRANSACTION:**

#### **Using a Socket Interface:**

1. User ID, Password, and Provider Identifier placement:
  - a. **Communication Header:**  
Position 17-24 should be the User ID (the submitter ID assigned to the provider)  
Position 12-14 should be the InfoSolutions Vendor ID
  - b. **ISA:**  
ISA04 should be the Password  
ISA06 should be the User ID
  - c. **2100B, NM1 Information Receiver Name:**  
NM108 should be XX for National Provider Number (NPI)  
NM109 should be the NPI number
2. Encryption – Data Encryption Standard (DES) should be used if the identifiers in the communication header and the ISA differ. If encryption is not used, we recommend the identifiers in the communication header and the ISA be the same.

#### **Using Remote Procedure Call (RPC):**

1. User ID, Password, and Provider Identifier placement:
  - a. **Communication Header:**  
'char prov\_nr[9]' should be the User ID (the submitter ID assigned to the provider location)  
'char vendor\_id[4]' should be the InfoSolutions Vendor ID
  - b. **ISA:**  
ISA04 should be the Password  
ISA06 should be the User ID
  - c. **2100B, NM1 Information Receiver Name:**  
NM108 should be XX for National Provider Number (NPI)  
NM109 should be the NPI number
  
3. Encryption – Data Encryption Standard (DES) should be used if the identifiers in the communication header and the ISA differ. If encryption is not used, we recommend the identifiers in the communication header and the ISA be the same.

## **RESPONSE TRANSACTIONS**

- TA1** Interchange Acknowledgment – Standard ANSI ASC X12N 4010A1 transaction identifying the rejection of the interchange.
- 997** Functional Acknowledgment – Standard ANSI ASC X12N 4010A1 transaction identifying the rejection of the transaction.
- 277** Eligibility/Benefits Response Transaction – ANSI ASC X12N 4010A1 response transaction to the 276 request transaction.

## **EDIT LEVEL DESCRIPTIONS**

**Compliance Edits** - X12 standard edits – limited support for error resolution by Electronic Data Interchange (EDI) Representatives. Implementation Guide (IG) edits – refer to ANSI ASC X12N 4010A1 Implementation Guide – limited support for error resolution by EDI Representatives.

**NOTE:** If additional assistance is required for compliance error resolution, utilization of a third party certification vendor is recommended.

**Business Level Edits** – edit checking specific to the line of business (Professional, Institutional or Dental). Errors are returned via the 277 response transaction. For further clarification of business level test results, contact NDO Representative.

## **ZZZZ MESSAGES FOR THE 276 TRANSACTION**

There are a few instances where it will be necessary to send back an InfoSolutions ZZZZ message in response to a 276 transaction attempt. These messages are 50 byte HOSTTRAN errors. Listed below are the error codes and descriptions:

### 0E00 Compression or Encryption Problem

We were unable to decompress or decrypt the message you sent us.

### 0F00 Encryption Required

The message type that was received cannot be sent unencrypted.

### 1200 Could not translate ANSI request

### 1300 Could not translate ANSI response

## **TA1 ERRORS FOR THE 276 TRANSACTION**

There are some cases where we will return an error code in the TA1 (Interchange Acknowledgment) segment. Listed below are the error codes and descriptions:

TA105 - 031 Invalid Grade of Service – This will be an overloaded error meaning the error is a result of one of the following possibilities:

Invalid Message ID (Vendor validation error)

No contract (Provider validation error)

Invalid Release (Vendor validation error)

### TA105 - 006 Invalid Interchange Sender ID

Provider ID/Submitter ID in ISA06 is not in our security file.

### TA105 - 013 Invalid Security Information Value

Password in ISA04 is not correct for the Provider ID/Submitter ID in ISA06.

**Please contact your Electronic Data Interchange (EDI) Representative for additional questions not answered in this document.**

## **APPENDIX A – Dial-Up Networking Set-up**

### **FOR WINDOWS 2000/XP:**

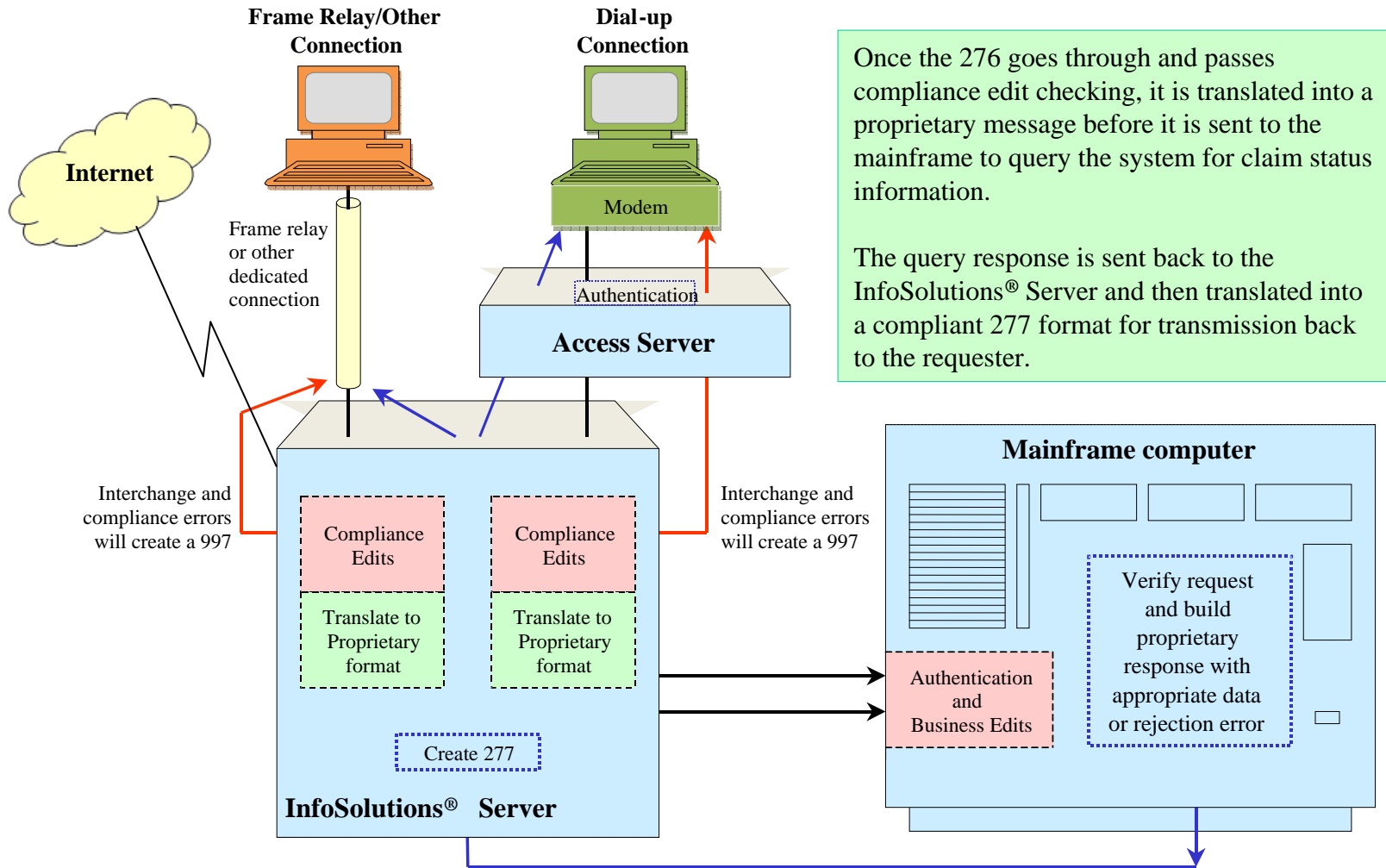
1. Double Click on MY COMPUTER
2. Double Click on DIAL-UP NETWORKING icon (if ICON does not appear you will need to install Dial-Up Networking from your Windows Install CD)
3. Click on MAKE NEW CONNECTION – Follow the steps below using the Network Connection Wizard:  
Select – Dial-up to private network and click NEXT. Enter the Phone number then name the connection.
4. You will then need to verify **Properties** for this DUN connection by right clicking on the icon or clicking the Properties button on the dial-up screen.
  - Security tab - select Typical security options with “Allow unsecured password”
  - Networking tab - Type of dial-up server I am calling: PPP: Windows95/98/NT4/2000, Internet.

### **FOR WINDOWS VISTA:**

1. Go to the Start icon and select "Control Panel".
2. Double click the "Network and Sharing Center" icon.
3. On left of window, select the link "Set up a connection or network".
4. In the first dialog box, select "Set up a dialup connection", then click Next.
5. In the second dialog box, enter the phone number you wish to dial in "Phone Number", enter the username in the field for "User Name", enter the password in the field for "Password", and change the value of "Connection Name" to the name of the connection. Click on Create when finished.
6. The last dialog box will say "Connection to Internet is ready to use." Click on Close.
7. To ensure that the connection was created, click on the link marked "Manage Network Connections". You should see your new connection here.

**Contact your EDI Services Representative if you need instructions for connection from a UNIX platform.**

# 276/277 Process Flow Diagram



Once the 276 goes through and passes compliance edit checking, it is translated into a proprietary message before it is sent to the mainframe to query the system for claim status information.

The query response is sent back to the InfoSolutions® Server and then translated into a compliant 277 format for transmission back to the requester.