



Connecticut XIX HIPAA Translator

Vendor Interface Specification

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Table of Contents

- 1. Introduction.....3
- 1.1. Purpose.....3
- 1.2. Background.....4
 - 1.2.1. HIPAA Batch Transactions Processing.....4
 - 1.2.2. Web Interface.....5
 - 1.2.3. Client software.....5
 - 1.2.4. Connecting to the server.....5
 - 1.2.5. File Upload6
 - 1.2.6. Directory List.....9
 - 1.2.7. Download a File.....13
- Appendix A - Revision Log.....16
- Appendix B - Current Format / Interchange Format Cross Reference17

1. Introduction

1.1. Purpose

This document is intended for Software Vendors to use in order to develop applications to interact with the State interChange Medicaid system and upload and download HIPAA compliant transactions in batch mode.

Appendix B contains format cross reference material to assist vendors that have software written to interface with the legacy Medicaid system. This appendix identifies the interface specification changes between the existing Medicaid system and the interChange processing system going on-line January 2008.

Note that this document provide specifications for transaction exchange in batch only. Connecticut

EDI Department: 1-800-688-0503

1.2. Background

1.2.1. HIPAA Batch Transactions Processing

Each State is prepared to accept files in the HIPAA approved formats. However, not all HIPAA transaction types are accepted by the file upload/download process for each state. Other transaction types may be supported in different ways by each state, such as through interactive processing. Refer to the chart below for which transaction types are currently accepted. Note that this chart refers only to batch transaction exchange:

| State | 270 | 271 | 276 | 277 | 278RQ / 278RS P | 820 | 834 | 835 | 837 D | 837 I | 837 P |
|-------------|-----|-----|-----|-----|--------------------------|-----|-----|-----|----------|----------|----------|
| Connecticut | A | S | A | S | A/S | S | S | S | A | A | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Legend:

- A – The state will accept these transactions
- S – The state will send these transactions
- N – The state will not exchange these transactions

1.2.2. Web Interface

The web interface is designed to support batch file uploads and downloads. There are two ways to use this interface. The first way is to logon to the secure web site using a trading partner user id and password. This web site has web pages which allow users to upload and download files. The second way is to use a software program that runs on a users PC or on a users server that connects to the secure trading partner web services. This site sends a request using the HTTPS protocol containing information which includes the trading partner user id, password, and the request data. The request data can include a request for a listing of files available for download, a specific file name to downloaded, or a file to upload. The files can be transferred in compressed format or in standards ASCII text format. All data is transferred using the Secure Socket Layer (SSL) which encrypts the data over the network.

1.2.3. Client software

The client software can be written in any language that supports HTTPS for communicating with the trading partner web services. The data files transferred from and to the web services are in the HIPAA standard formats.

1.2.4. Connecting to the server

To connect to the web application you first must have a network connection that provides access to the public internet. If your connection requires proxy server to connect to the Internet this needs to be configurable in your application. Once connected use the URL in table 1 to establish a connection with the applications. It is recommended that this URL not be hard coded as part of your application and be configurable instead. All of the transactions will require the connection be made using the Secure Socket Layer (SSL). Programming languages such as Visual Basic have other ways to connect using SSL, such as by using the WinInet libraries that are a part of Microsoft Windows. Send test transaction files to the production URL using the standard X12N Test identifier in the transactions file.

Table 1.

| State | Root URL |
|-------------|---|
| Connecticut | https://www.ctdssmap.com/ctportal/DesktopModules/iC_Portal_PESInterface/ |

To access the specific web applications append the URL as identified in table 2.

Table 2.

| Web Application | URL |
|-----------------|-------------------------------|
| File Upload | PESUpload.aspx |
| Directory List | PESFileList.aspx |
| File Download | PESGetFile.aspx?sak_download= |

1.2.5. File Upload

The file upload function uses standard HTTPS request. User ID, password and other required parameters must be embedded in the HTTP header. The file is sent in the http request body as data stream. The interface returns a message in XML format.

URL: `https:// <Root URL>/PESUpload.aspx`

Table 3. File upload HTTP Header Description

| Property Name | Header Property Description | Length | Require |
|---------------|--|------------|---------|
| user_name | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: Xyzuser Format: Alphanumeric. This field should be at most 20 characters, and must begin with an alpha character. | 6-20 | Y |
| password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jMstp567 Format: The password must be between 7 and 30 characters, and must contain at least 3 of these 4 character types: Upper Case letter, Lower Case letter, Nmber and Special Character. | 6-8 | Y |
| filename | The path and name of the file being uploaded. Sample Data: d:\myfile.dat Format: Alphanumeric | 1 - 256 | Y |

Table 4. File Upload Response XML Message Description

| Element | Attribute | Response XML Message Description |
|-----------------|-----------|---|
| success | | Returned as single node in XML format. BatchId is a reference for the file is uploaded. Sample: <code><success batchId='170516875' /></code> |
| passwordExpired | | Returned as single node in XML format. Sample: <code><passwordExpired /></code> |

| Element | Attribute | Response XML Message Description |
|---------|-----------|---|
| error | message | <p>If error has occurred during the process, an error message is returned in XML format.</p> <p>Messages:</p> <ul style="list-style-type: none"> ○ Invalid ID/password. Please try again. ○ User account has been disabled. Please call help desk to reset. ○ User account has been locked. Please call help desk to reset. ○ An error occurred during the file upload. ○ Upload URI not found. ○ PI record not found. ○ Error determining transaction type. File transfer aborted. <p>Sample: <code><error message=' Upload URI not found ' /></code></p> <p>Format: Alphanumeric</p> |

Sample HTTP file upload request:

```

Accept-Language: en
Proxy-Connection: Keep-Alive
User-Agent: ecseagle
user_name: tradel23
password: password01
Host: www.ctdssmap.com

ISA*00*                *00*                *ZZ*100350619A      *ZZ*00005
*061011*1049*U*00401*000000183*0*P::~GS*HC*100350619A*00005*20061011*1049*183*X*004010X098A1~ST*8
37*000000001~BHT*0019*00*PES183*20061011*1049*CH~REF*87*004010X098A1~NM1*41*1*LANE*TESTING****46*
KATBLANE~PER*IC*LANE*TE*9726044999~NM1*40*2*KANSAS MEDICAL ASSISTANCE
PROGRAM*****46*00005~HL*1**20*1~PRV*BI*ZZ*3747P1801X~NM1*85*1*LANE*TESTING****34*123456789~N3*540
0 LEGACY
DR~N4*PLANO*TX*75024~REF*1D*100350619A~HL*2*1*22*0~SBR*P*18*****MC~NM1*IL*1*BONNER*JILL****MI*0
0000041889~N3*1234 5TH ST~N4*MADISON*WI*537130000~DMG*D8*19800525~F~NM1*PR*2*KANSAS MEDICAL
ASSISTANCE PROGRAM*****PI*48-
6029925~CLM*999*150***11::1*Y*C*Y*Y*B~HI*BK:1111~LX*1~SV1*HC:90050*150*UN*1*11**1~DTP*472*RD8*200
61011-
20061011~REF*6R*1~CLM*999*150***11::1*Y*C*Y*Y*B~HI*BK:1111~LX*1~SV1*HC:90050*150*UN*1*11**1~DTP*4
72*RD8*20061010-
20061010~REF*6R*1~CLM*999*150***11::1*Y*C*Y*Y*B~HI*BK:1111~LX*1~SV1*HC:90050*150*UN*1*11**1~DTP*4
72*RD8*20061010-
20061010~REF*6R*1~CLM*999*150***11::1*Y*C*Y*Y*B~HI*BK:1111~LX*1~SV1*HC:90050*150*UN*1*11**1~DTP*4
72*RD8*20061010-
20061010~REF*6R*1~CLM*999*150***11::1*Y*C*Y*Y*B~HI*BK:1111~LX*1~SV1*HC:90050*150*UN*1*11**1~DTP*4
72*RD8*20061010-
20061010~REF*6R*1~CLM*999*150***11::1*Y*C*Y*Y*B~HI*BK:1111~LX*1~SV1*HC:90050*150*UN*1*11**1~DTP*4
72*RD8*20061010-20061010~REF*6R*1~SE*56*000000001~GE*1*183~IEA*1*000000183~

```

Sample HTTP Response from file upload request:

```

HTTP/1.1 200 OK
Server: Microsoft-IIS/5.1
Date: Wed, 11 Oct 2006 15:49:45 GMT
X-Powered-By: ASP.NET
X-AspNet-Version: 2.0.50727
Transfer-Encoding: chunked
Cache-Control: private
Content-Type: text/html

<success batchId='170516875' />

```

Sample HTTP Response with error from file upload Request:

```

HTTP/1.1 200 OK
Date: Fri, 04 Jan 2008 02:01:16 GMT
Server: Microsoft-IIS/6.0
X-Powered-By: ASP.NET
X-AspNet-Version: 2.0.50727
Cache-Control: private
Content-Type: text/html; charset=utf-8
Content-Length: 58

<error message= 'An error occurred during the file upload.' />

```

1.2.6. Directory List

The directory list message is an XML formatted message sent over HTTPS. The reason for doing a directory list is to get the sak of any available files for downloading. The sak_download key must be specified in the download url as querystring in order to get the file. The interface returns a message in XML format contains all available files in the download directory.

URL: `https://<Root URL>/PESGetFile.aspx?sak_download=1234`

Table 5. Directory List HTTP Header Description

| Property Name | Header Property Description | Length | Require |
|---------------|--|--------|---------|
| user_name | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric. This field should be at most 20 characters, and must begin with an alpha character. | 6-20 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jMstp567 Format: The password must be between 7 and 30 characters, and must contain at least 3 of these 4 character types: Upper Case letter, Lower Case letter, Nmber and Special Character. | 6-8 | Y |

Table 6. Directory Listing Response XML Description

| Element | Attribute | Response XML Message Description |
|---------|--------------|--|
| file | sak_download | System generated key that is used to identify the file can be downloaded. Sample Data: 222222222 Format: Numeric |
| | filename | Name of the file that is stored in the system. Sample Data: 9856_9855_5FCCA113_999X12BATCH_0_100000041.999 Format: Alphanumeric |

| Element | Attribute | Response XML Message Description |
|---------|--------------------|--|
| | shortname | Short name of the transaction type. Sample Data: Functional Ack Format: Alphanumeric |
| | cde_identification | Code that identifies the document type Required value: 999_X12_BATCH Format: Alphanumeric |
| | dte_available | Date and time that the file is made available on the file server. Sample Data: 6/25/2007 12:00:00 AM Format: Numeric |
| | dte_downloaded | Date and time that the file is downloaded Sample Data: 6/25/2007 12:00:00 AM Format: Numeric |

Table 7. Directory Listing Response Error Message Description

| Element | Attribute | Response XML Error Message Description |
|-----------------|-----------|---|
| passwordExpired | | Returned as single node in XML format. Sample: <passwordExpired /> |
| error | message | If error has occurred during the process, an error message is returned in XML format. Messages: <ul style="list-style-type: none"> ○ Invalid ID/password. Please try again. ○ User account has been disabled. Please call help desk to reset. ○ User account has been locked. Please call help desk to reset. ○ An error occurred during the List Files process. Sample: <error message='User account has been locked. Please call help desk to reset.' /> Format: Alphanumeric |

Sample HTTP Request for Directory Listing:

```

Accept-Language: en
Proxy-Connection: Keep-Alive
User-Agent: ecseagle
user_name: tradel23
password: password01
Host: www.ctdssmap.com

```

Sample HTTP Response from Directory Listing Request:

```

Accept-Language: en
Proxy-Connection: Keep-Alive
User-Agent: ecseagle
user_name: tradel23
password: password01
Host: www.ctdssmap.com

<files>
  <file sak_download="251910" filename="11917_11915_0B828945_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="7/10/2007 12:00:00 AM"
  dte_downloaded="7/10/2007 10:51:11 PM" />
  <file sak_download="251886" filename="11788_11787_2DCD4265_TA1X12BATCH_0_100000041.TA1"
    shortname="Interchange Ack" " cde_identification="TA1_X12_BATCH"
dte_available="7/10/2007 12:00:00 AM"
  dte_downloaded="7/10/2007 8:41:02 AM" />
  <file sak_download="251873" filename="11702_11701_455137D0_TA1X12BATCH_0_100000041.TA1"
    shortname="Interchange Ack" " cde_identification="TA1_X12_BATCH"
dte_available="7/9/2007 12:00:00 AM"
  dte_downloaded="1/1/1900 12:00:00 AM" />
  <file sak_download="251781" filename="11274_11273_15169940_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="7/5/2007 12:00:00 AM"
  dte_downloaded="7/6/2007 10:20:42 AM" />
  <file sak_download="251766" filename="11224_11223_8A6A3E82_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="7/4/2007 12:00:00 AM"
  dte_downloaded="7/4/2007 4:24:11 PM" />
  <file sak_download="251722" filename="10994_10993_DAB7A096_TA1X12BATCH_0_100000041.TA1"
    shortname="Interchange Ack" " cde_identification="TA1_X12_BATCH"
dte_available="7/2/2007 12:00:00 AM"
  dte_downloaded="7/2/2007 11:35:41 PM" />
  <file sak_download="251573" filename="10166_10160_DB9F5AD3_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="6/27/2007 12:00:00 AM"
  dte_downloaded="7/3/2007 4:48:37 PM" />
  <file sak_download="251572" filename="10165_10159_4E7FDAFE_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="6/27/2007 12:00:00 AM"
  dte_downloaded="7/3/2007 4:48:37 PM" />
  <file sak_download="251571" filename="10164_10158_7202D753_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="6/27/2007 12:00:00 AM"
  dte_downloaded="7/3/2007 4:48:38 PM" />
  <file sak_download="251569" filename="10162_10156_DA2599F8_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="6/27/2007 12:00:00 AM"
  dte_downloaded="7/2/2007 11:03:36 PM" />
  <file sak_download="251558" filename="10096_10095_386044F9_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="6/26/2007 12:00:00 AM"
  dte_downloaded="6/28/2007 9:03:19 AM" />
  <file sak_download="251557" filename="10094_10092_6BBD6CDB_999X12BATCH_0_100000041.999"
    shortname="Functional Ack" " cde_identification="999_X12_BATCH"
dte_available="6/26/2007 12:00:00 AM"
  dte_downloaded="7/2/2007 11:07:34 PM" />
</files>

```

Sample HTTP Response with error from Directory Listing Request:

```
HTTP/1.1 200 OK
Date: Fri, 04 Jan 2008 02:01:16 GMT
Server: Microsoft-IIS/6.0
X-Powered-By: ASP.NET
X-AspNet-Version: 2.0.50727
Cache-Control: private
Content-Type: text/html; charset=utf-8
Content-Length: 58

<error message= 'An error occurred during the List Files process.'/>
```

1.2.7. Download a File

The download a file message is an HTTP request sent over HTTPS. A file name from the directory listing response is used to request the file to download. SAK_DOWNLOAD must be specified in the download url as querystring in order to get the file.

URL: https://<Root URL>/ PESGetFile.aspx?sak_download={sak_download}

Table 8. Download File Request Message Description

| Property Name | Header Property Description | Length | Require |
|------------------|---|--------|---------|
| user_name | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: Xyzuser Format: Alphanumeric. This field should be at most 20 characters, and must begin with an alpha character. | 6-20 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jMstp567 Format: The password must be between 7 and 30 characters, and must contain at least 3 of these 4 character types: Upper Case letter, Lower Case letter, Number and Special Character. | 6-8 | Y |
| QueryString Name | Description | Length | Require |
| sak_download | System generated key that is used to indentify the file can be downloaded. Sample Data: 256499 Format: Numeric | 9 | Y |

Table 9. Download File Response Error Message Description

| Element | Attribute | Response XML Error Message Description |
|-----------------|-----------|---|
| passwordExpired | | <p>Returned as single node in XML format.</p> <p>Sample: <passwordExpired /></p> |
| error | message | <p>If error has occurred during the process, an error message is returned in XML format.</p> <p>Messages:</p> <ul style="list-style-type: none"> ○ Invalid ID/password. Please try again. ○ User account has been disabled. Please call help desk to reset. ○ User account has been locked. Please call help desk to reset. ○ File to download was not specified in the request. ○ File to download is not found. ○ Download URI not found. ○ Could not download file: {fileName} <p>Sample: <error message='Download URI not found ' /></p> <p>Format: Alphanumeric</p> |

Sample HTTP Request for a file download:

```

Accept-Language: en
Proxy-Connection: Keep-Alive
User-Agent: ecseagle
user_name: tradel23
password: password01
Host: www.ctdssmap.com

```

Sample HTTP Response from Download file Request:

```

HTTP/1.1 200 OK
Date: Fri, 04 Jan 2008 01:37:59 GMT
Server: Microsoft-IIS/6.0
X-Powered-By: ASP.NET
X-AspNet-Version: 2.0.50727
Content-Disposition: attachment; filename=81593_81592_8C6D1561_999X12BATCH_0_100000041.999
Transfer-Encoding: chunked
Cache-Control: private
Content-Type: text/plain

ISA*00*          *00*          *ZZ*123456789      *ZZ*100000041
*071025*1320*U*00401*000000010*0*T*::~~GS*FA*445498161*100000041*20071025*13204268*7*X*004010~ST*99
9*7001~AK1*HC*129~AK2*837*000000001~AK5*A~AK9*A*1*1*1~SE*6*7001~GE*1*7~IEA*1*000000010~

```

Sample HTTP Response with error from Download file Request:

```

HTTP/1.1 200 OK
Date: Fri, 04 Jan 2008 02:01:16 GMT
Server: Microsoft-IIS/6.0
X-Powered-By: ASP.NET
X-AspNet-Version: 2.0.50727
Cache-Control: private
Content-Type: text/html; charset=utf-8
Content-Length: 58

<error message= 'Download URI not found.'/>

```

Appendix A - Revision Log

Amendment History - Document Status (e.g. Draft, Final, Release #):

| Document Version # | Approval Date | Modified By | Section, Page(s)and Text Revised |
|---------------------------|----------------------|--------------------|--|
| Version 5 | 11/1/2020 | Dawn Boyle | DXC Technology to Gainwell Technologies Updates. |
| | | | |

Appendix B - Current Format / Interchange Format Cross Reference

This appendix serves as a transition guide to assist software vendors that currently have automated data exchanges in place with the Legacy Medicaid billing system. The intent of the appendix is to highlight the specification changes between the Legacy system and the new Medicaid system.

The changes are presented in the following tables. Legacy system specifications are documented under column header “Legacy System Interface” and the corresponding interChange specification on the right under column header “interChange Interface”.

Table 10. This table documents the changes to the URL where data is uploaded/downloaded.

| Legacy System Interface | | InterChange Interface |
|-------------------------|--|---|
| State | Root URL | Root URL |
| Connecticut | Production – www.ctmedicalprogram.com Test – www.ctmedicalprogram.com/test | https://www.ctdssmap.com/ctportal/DesktopModules/iC_Portal_PESInterface/ |

Table 11. Documents the name changes to the web application

| | Legacy System Interface | InterChange Interface |
|-----------------|--|-------------------------------|
| Web Application | URL Suffix | URL Suffix |
| File Upload | /secure/WebUploadFromClient | PESUpload.aspx |
| Directory List | /secure/WebDirectoryDownloadFromClient | PESFileList.aspx |
| File Download | /secure/WebDownloadFromClient | PESGetFile.aspx?sak_download= |

Table 12. File Upload Request

| Legacy System Interface | | | |
|-------------------------|--|--------|---------|
| Element | XML Message Description | Length | Require |
| TradingPartnerId | The Trading Partner Id is used to identify whom the transaction is for. The Id, along with the User Id and Password, is used to authenticate the user. Sample Data: 222222222 Format: Alphanumeric | 3 - 35 | Y |
| UserId | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric | 3-15 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jmstp567 Format: Alphanumeric | 6-8 | Y |
| Function | This is the Upload file function name. This value must always be filled with "UPLOADFILE" to be a valid request. Required value: UPLOADFILE Format: Alphanumeric | 10 | Y |

| interChange Interface | | | |
|-----------------------|---|--------|---------|
| Property Name | Header Property Description | Length | Require |
| n/a | Not used | | |
| user_name | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric | 6-20 | Y |
| password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jmstp567 Format: Alphanumeric | 6-8 | Y |
| n/a | Not used | | |

| | | | |
|----------|---|---------|---|
| FileName | The path and name of the file being uploaded. Sample Data: d:\myfile.dat Format: Alphanumeric | 1 - 256 | Y |
| FileSize | Specifies the size of the file. The size is compared against the actual size of the file uploaded to ensure no data is lost. If the file is in a zipped format, this is the zipped file size. Sample Data: 1022 Format: Numeric | 8 | Y |

| | | | |
|----------|---|---------|---|
| FileName | The path and name of the file being uploaded. Sample Data: d:\myfile.dat Format: Alphanumeric | 1 - 256 | Y |
| n/a | Not used | | |

Table 12. File Upload Request (continued)

| Legacy System Interface | | | |
|-------------------------|--|--------|---------|
| Element | XML Message Description | Length | Require |
| MapGroup | <p>Specifies the MapGroup name to be passed to the translator that should be used to process the file.</p> <p>This is an situational element and is not required to be sent for HIPAA X12N Transaction Files.</p> <ul style="list-style-type: none"> • If this element is used for HIPAA X12N Transaction Data Files, the value must be entered as X12INPUT (the default value) or the file will not be processed or will be processed incorrectly. • For non-HIPAA X12N Transaction Data Files, Gainwell Technologies will specify the value to be used. A valid value must be entered as specified by Gainwell Technologies or the file will not be processed or will be processed incorrectly. <p>Default Value if not sent : X12INPUT</p> <p>Sample Data: X12INPUT</p> <p>Format: Alphanumeric</p> | 1-40 | N |

| interChange Interface | | | |
|-----------------------|-----------------------------|--------|---------|
| Property Name | Header Property Description | Length | Require |
| n/a | Not used | | |

Table 12.1. File Upload Response

| Legacy System Interface | | | | interChange Interface | | |
|-------------------------|-------------------------|--------|----------|-----------------------|-----------|--|
| Element | XML Message Description | Length | Required | Element | Attribute | Response XML Description |
| n/a | Not used | | | success | batchId | Returned as single node in XML format. BatchId is a reference for the file is uploaded. Sample: <success batchId='170516875' /> |
| | | | | passwordExpired | n/a | Returned as single node in XML format. Sample: <passwordExpired /> |
| | | | | error | message | If error has occurred during the process, an error message is returned in XML format. Messages: <ul style="list-style-type: none"> o Invalid ID/password. Please try again. o User account has been disabled. Please call help desk to reset. o User account has been locked. Please call help desk to reset. o An error occurred during the file upload. o Upload URI not found. o PI record not found. o Error determining transaction type. File transfer aborted. Format: Alphanumeric |

Table 13. File Listing Request

| Legacy System Interface | | | |
|-------------------------|---|--------|---------|
| Element | XML Message Description | Length | Require |
| TradingPartnerId | The Trading Partner Id is used to identify whom the transaction is for. The Id is used to limit the list of files in the directory list to only those belonging to this Trading Partner. The Trading Partner Id is cross validated against the User Id and the User Id must be authorized to submit requests for this Trading Partner Id. Sample Data: 222222222 Format: Alphanumeric | 3 - 35 | Y |
| UserId | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric | 3-15 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jmstp567 Format: Alphanumeric | 6-8 | Y |

| interChange Interface | | | |
|-----------------------|---|--------|---------|
| Property Name | Header Property Description | Length | Require |
| n/a | Not used | | |
| user_name | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric | 6-20 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jmstp567 Format: Alphanumeric | 6-8 | Y |

| | | | |
|--------------------|---|-----|---|
| Function | This is the Directory List function name. This value must always be filled with "DIRLIST" to be a valid request. Required value: DIRLIST Format: Alphanumeric | 7 | Y |
| FilesToReturnCount | Specifies the maximum number of files to return in the directory list. If not included, then all files are returned. Sample Data: 50 Format: Numeric | 0-6 | N |

| | | | |
|-----|----------|--|--|
| n/a | Not used | | |
| n/a | Not used | | |

| | | | | | | | |
|-------------------|---|----------|----------|------------|-----------------|--|--|
| <p>FileType</p> | <p>This indicates the types of files you want returned in the directory list. For example, if you only want the 999 functional acknowledgments, you would specify a file type of 999. If you wanted 999's and the 835 RA's then you specify two file types - one with 999 and the other with 835. Up to 10 file types can be specified at a time. If no file types are specified, then all types are returned.</p> <p>Valid types may be State Specific. Here is a list of possible types:</p> <p>271 – Eligibility Response 277 – Claim Status Response 278 – Service Review Request/Response 820 – Health Plan Payment 834 – Benefit Enrollment 835 – Remittance Advice 999 – Functional Acknowledgment SUB – Submission Accept/Reject Report</p> <p>Format: Alphanumeric, occurs up to 10 times</p> | <p>3</p> | <p>N</p> | <p>n/a</p> | <p>Not used</p> | | |
| <p>FileStatus</p> | <p>Indicator to select files based on the following: A = All files N = New files only D = Previously downloaded files only</p> | <p>1</p> | <p>Y</p> | <p>n/a</p> | <p>Not used</p> | | |

| | | | |
|----------------------|---|---|---|
| FilesCreatedFromDate | The file creation from date is used as a filter to only return files in the directory list which are greater than or equal to this date. If this element is not specified, all files are listed, up through the FileCreatedToDate if specified. Sample Data: 20020701 Format: 4 digit year, 2 digit month, 2 digit day | 8 | N |
| FilesCreatedToDate | The file creation to date is used as a filter to only return files in the directory list which are less than or equal to this date. If this element is not specified, all files are listed, equal to and greater than the FileCreatedFromDate if specified. If neither the from or to date element is specified, all files are returned in the directory list. Sample Data: 20020731 Format: 4 digit year, 2 digit month, 2 digit day | 8 | N |

| | | | |
|-----|----------|--|--|
| n/a | Not used | | |
| n/a | Not used | | |

Table 14. File Listing Response

| Legacy System Interface | | | | interChange Interface | | |
|-------------------------|--|--------|---------|--|--------------|--|
| Element | XML Message Description | Length | Require | Element | Attribute | Response XML Description |
| TradingPartnerId | The Trading Partner Id from the request. Sample Data: 222222222 Format: Alphanumeric | 3 - 35 | Y | files/file (top element is <files>, child element is <file>) | n/a | |
| UserId | The User Id from the request. Sample Data: xyzuser Format: Alphanumeric | 3-15 | Y | | n/a | |
| | | | | | | |
| Function | The function from the request. Required value: DIRRESP Format: Alphanumeric | 7 | Y | | n/a | |
| FilesReturnedCount | The number of files returned in the directory listing. Sample Data: 50 Format: Numeric | 1 - 6 | Y | | n/a | |
| n/a | | | | | sak_download | System generated key that is used to indentify the file can be downloaded. Sample Data: 222222222 Format: Numeric |
| FileName | The file name given to the file. This is a system generated name. This is the same name needed to request the file for download. Sample Data: 2222222220020702001 Format: Alphanumeric | 9 - 40 | Y | | filename | Name of the file that is stored in the system. Sample Data: 9856_9855_5FCCA113_999X12BA TCH_0_100000041.999 Format: Alphanumeric |

| | | | |
|--------------------|---|-------|---|
| n/a | | | |
| FileCreationDate | The date the file was created. Sample Data: 20020701 Format: 4 digit year, 2 digit month, 2 digit day | 8 | Y |
| FileType | This is the type of file. Sample Data: 999 | 3 | Y |
| FilesSize | The size in bytes of the file in unzipped format. Sample Data: 50000 Format: Numeric | 2 - 8 | Y |
| LastDownloadDate | The date the file was last downloaded. If the file has not been downloaded this is empty. Sample Data: 20020701 Format: 4 digit year, 2 digit month, 2 digit day. | 8 | N |
| LastDownloadUserId | This is the User Id of the last user to download the file. This is empty if the file hasn't been downloaded yet. | 3-15 | N |
| | | | |

| | |
|-------------------------|--|
| shortname | Short name of the transaction type. Sample Data: Functional Ack Format: Alphanumeric |
| dte_availability | Date and time that the file is made available on the file server. Sample Data: 6/25/2007 12:00:00 AM Format: Numeric |
| cde_identification | Code that identifies the document type Required value: 999_X12_BATCH Format: Alphanumeric |
| n/a | |
| dte_downloaded | Date and time that the file is downloaded Sample Data: 6/25/2007 12:00:00 AM Format: Numeric |
| n/a | |
| password Expired | n/a Returned as single node in XML format. Sample: <passwordExpired /> |

| | | | | | | | |
|--|--|--|--|--|--------------|----------------|--|
| | | | | | error | message | <p>If error has occurred during the process, an error message is returned in XML format.</p> <p>Messages:</p> <ul style="list-style-type: none"> o Invalid ID/password. Please try again. o User account has been disabled. Please call help desk to reset. o User account has been locked. Please call help desk to reset. o An error occurred during the List Files process. <p>Format: Alphanumeric</p> |
|--|--|--|--|--|--------------|----------------|--|

Table 15. Download File Request

| Legacy System Interface | | | |
|-------------------------|--|--------|---------|
| Element | XML Message Description | Length | Require |
| TradingPartnerId | The Trading Partner Id is used to identify whom the transaction is for. The Trading Partner Id is cross validated against the User Id and the User Id must be authorized to submit requests for this Trading Partner Id. Sample Data: 222222222 Format: Alphanumeric | 3 - 35 | Y |
| UserId | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric | 3-9 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jmstp567 Format: Alphanumeric | 6-8 | Y |
| n/a | | | |

| interChange Interface | | | |
|---|---|--------|---------|
| Property Name | Header property Description | Length | Require |
| n/a | Not used | | |
| user_name | The User Id is used to authenticate the user submitting the request. The User Id must be authorized to submit for the Trading Partner Id. Sample Data: xyzuser Format: Alphanumeric | 6-20 | Y |
| Password | The Password is used in conjunction with the User Id to ensure the validity of the user making the request. Sample Data: jmstp567 Format: Alphanumeric | 6-8 | Y |
| Querystring Name appends to the URL. | | | |
| sak_download | System generated key that is used to identify the file can be downloaded. Sample Data: 256499 Format: Numeric | 9 | Y |

| | | | |
|------------|--|--------|---|
| Function | This is the File Download function name. This value must always be filled with "DOWNLOAD" to be a valid request. Required value: DOWNLOAD Format: Alphanumeric | 8 | Y |
| FileName | Specifies the name of the file to download. The name can be found from the directory list request. Sample Data: 000000123 Format: Alphanumeric | 9 - 40 | N |
| FileFormat | Specifies the file format you want the file downloaded in. Valid Values are: TXT – Requests the file in standard ASCII Text format. ZIP – Requests the file in zipped format. | 3 | Y |

| | | | |
|-----|--|--|--|
| n/a | | | |
| n/a | | | |
| n/a | | | |

Table 15.1. Downlaod File Response

| Legacy System Interface | | | | interChange Interface | | |
|-------------------------|-------------------------|--------|----------|------------------------|----------------|--|
| Element | XML Message Description | Length | Required | Element | Attribute | Response Description |
| | | | | passwordExpired | n/a | Returned as single node in XML format. Sample: <passwordExpired /> |
| | | | | error | message | If error has occurred during the process, an error message is returned in XML format. Messages: <ul style="list-style-type: none"> ○ Invalid ID/password. Please try again. ○ User account has been disabled. Please call help desk to reset. ○ User account has been locked. Please call help desk to reset. ○ File to download was not specified in the request. ○ File to download is not found. ○ Download URI not found. ○ Could not download file: {fileName} Format: Alphanumeric |