Independence Blue Cross

HIPAA Transaction Standard Companion Guide

Refers to the Implementation Guides Based on X12 Implementation Guides, version 005010

February 2025

Preface

This Companion Guide ("Companion Guide") refers to the v5010 and v5010A ASC X12N Implementation Guides (X12 IG) and associated errata adopted under the Health Insurance Portability and Accountability Act of 1996, as amended (HIPAA) and clarifies and specifies the data content when exchanging electronically with Independence Blue Cross ("IBX"). Transmissions based on this Companion Guide, used in tandem with the v5010 X12 IG, are compliant with both ASC X12 syntax and those guides. This Companion Guide is intended to convey information that is within the framework of the X12 IG adopted for use under HIPAA. This Companion Guide is not intended to convey information that in any way exceeds the requirements or usages of data expressed in the Implementation Guides.

EDITOR'S NOTE:

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1. Introduction

1.1 Scope

This Companion Guide applies to Smart Data Solutions, LLC (SDS) trading partners conducting the following HIPAA standard electronic transactions: Health Care Claim: Professional (837P), Health Care Claim: Institutional (837I), Health Care Claim Payment Advice (835), Health Care Eligibility/Benefit (270/271) and Health Care Claim Acknowledgment (277CA) through the Smart Data Solutions EDI Gateway (SDS EDI Gateway).

An SDS trading partner is defined for this Companion Guide as any entity (provider, billing service, software vendor, employer group, or financial institution) that utilizes the SDS EDI Gateway to transmit or receive electronic data.

This Companion Guide also applies to the above-referenced transactions that are being transmitted through the SDS EDI Gateway by a health care clearinghouse.

The SDS EDI Gateway supports standard electronic transactions adopted under HIPAA.

This Companion Guide has been prepared to document and clarify SDS-specific mapping requirements that apply to or further constrain those laid out in the X12N IG, as well as the business use cases that SDS can support.

Standard X12 mapping rules, formats, and content requirements are not in the scope of this Companion Guide, but rather how SDS trading partners must format their compliant X12 mappings when sending to SDS.

1.2 Overview

This Companion Guide includes information needed to commence and maintain communication exchange with IBX through the SDS EDI Gateway. This information is organized into the following sections:

- **Getting Started:** This section includes information related to system operating hours, provider data services, and audit procedures. It also contains a list of valid characters in text data. Information about trading partner authorization and an overview of the trading partner testing process is also included in this section.

- **Testing with the Payer:** This section includes detailed transaction testing information and other relevant information needed to complete transaction testing with IBX on the SDS EDI Gateway, if applicable.

- **Connectivity with the Payer/Communications:** This section includes information on the SDS EDI Gateway transmission procedures and communication and security protocols.

- **Contact Information:** This section includes telephone numbers and email addresses for support from SDS Stream Support.

- **Control Segments/Envelopes:** This section contains information needed to create the ISA-IEA, GS-GE, and ST-SE control segments for transactions to be submitted to the SDS EDI Gateway.

- **Payer-Specific Business Rules and Limitations:** This section contains information describing IBX's business rules.

- **Acknowledgments and Reports:** This section contains information on all transaction acknowledgments. These include the Interchange Acknowledgment (TA1), Health Care Claim Acknowledgment (277CA), and the Implementation Acknowledgment for Health Care Insurance (999).

- **Trading Partner Agreements:** This section contains general information about and links to Provider and Clearinghouse/Vendor Trading Partner Agreements (collectively referred to herein as "Trading Partner Agreements").

- **Transaction-Specific Information:** This section describes how ASC X12 Implementation Guides (IGs) adopted under HIPAA will be detailed with the use of a table. The tables contain a row for each segment that has additional information that might supplement the IGs.

1.3 References

Trading partners must use the X12 National Implementation Guides adopted under the HIPAA Administrative Simplification Electronic Transaction rule and this Companion Guide for development of the EDI transactions. These documents will be made available through the EDI Trading Partner Information Center:

[Trading Partner Resources for Independence Blue Cross (sdata.us)](sdata.us)

Trading partners must use the most current national standard code lists applicable to the EDI transactions. The code lists may be accessed at the X12 Membership website:

External Code Lists | X12

The applicable code lists and their respective X12 transactions are as follows:

- Claim Adjustment Reason Codes and Remittance Advice Remark Codes (X12/005010X221A1 Health Care Claim Payment/Advice [835])

- Claim Status Category Codes and Claim Status Codes (005010X214 Health Care Claim Acknowledgment [277CA])

- Provider Taxonomy Codes (X12/005010X222A1Health Care Claim: Professional [837P] and X12/005010X223A2 Health Care Claim: Institutional [837I])

2. Getting Started

2.1 Working with Smart Data Solutions LLC. ("SDS")

SDS provides clearinghouse and pre-adjudication services for payers, providers, and networks. SDS trading partners are SDS customers and affiliates of SDS customers.

The process for establishing an electronic connection with SDS is as follows:

1. Trading partner registration through Smart Data Stream

2. Trading Partner Agreement and/or services contract

3. Electronic connectivity setup (e.g., Secure File Transfer Protocol [SFTP] or CORE interfaces)

4. Initial payer setup

5. Iterative testing

6. Coordination of production processing

The SDS EDI Gateway is available to handle EDI transactions 24 hours a day, 7 days a week, except during scheduled system maintenance periods.

SDS support resources are assigned and accessible during the implementation, testing, and production phases of the trading partner relationship.

Audit Procedures

The trading partner ensures that input documents and medical records are available for every automated claim for audit purposes. SDS and/or IBX may require access to the records at any time.

The trading partner's automated claim input documents must be kept on file for a period of seven years after date of service for auditing purposes. The trading partner, not the billing agent, is held accountable for accurate records.

The audit conducted by IBX consists of verifying a sample of automated claim input against medical records. Retention of records might also be checked. Compliance with reporting requirements is sample-checked to ensure proper coding technique is employed. Signature(s) on file records may also be verified.

In accordance with the SDS Trading Partner Agreement, SDS can request for itself and IBX, and the trading partner is obligated to provide, access to the records at any time.

Valid Characters in Text Data (AN, string data element type)

For data elements that are type AN, "string." SDS can accept characters from the basic and extended character sets with the following exceptions:

Character	Name	Hex Value
!	Exclamation Point	(21)
>	Greater than	(3E)
^	Caret	(5E)
|	Pipe	(7C)
~	Tilde	(7E)

These five characters are used by SDS for delimiters on outgoing transactions and control characters for internal processing. Use of these characters can cause problems if encountered in the transaction data.

As described in the X12 standards organization's Application Control Structure document (X12.6), a string data element is a sequence of characters from the basic or extended character sets and contains at least one non-space character. The significant characters are left justified. Leading spaces, when they occur, are presumed to be significant characters. In the actual data stream, trailing spaces should be suppressed. The representation for this data element type is AN.

Confidentiality/Security/Privacy

Trading partners, including health care clearinghouses, must comply with the HIPAA Electronic Transaction and Code Set standards and HIPAA Privacy and Security standards for all EDI transactions and confidentiality requirements as outlined in the Trading Partner Agreement.

Authorized Release of Information

When contacting SDS Stream Support concerning any EDI transactions, you will be required to confirm your trading partner information.

2.2 Trading Partner Registration

An Electronic Data Interchange (EDI) trading partner is defined as any entity (provider, billing service, software vendor, employer group, or financial institution) utilizing the SDS EDI Gateway to transmit or receive electronic standard transactions to or from IBX.

If you are already registered as a trading partner with SDS, please skip this section. SDS does not require registration based on transaction type and prefers one registration per entity. Multiple NPIs can be submitted through the single trading partner connection as well as SDS does not maintain a list of which trading partners can submit which NPIs.

The below registration guide is for individual providers and provider groups. If you are a billing entity or another clearinghouse submitting transactions for multiple tax ids and NPIs, please reach out to stream.support@sdata.us to have an account registered for you.

SDS has a self-service trading partner registration portal that submitters can use to enroll for electronic transaction submission. SDS' policy of open registration allows trading partners to register for any number of payers and add any number of providers. While SDS EDI Gateway accepts HIPAA-compliant transactions from any covered entity, HIPAA security requirements dictate that proper procedure is established to secure access to data. As a result, SDS has a process in place to establish a trading partner relationship. That process has the following steps:

- Trading partner must agree to and sign the SDS Trading Partner Agreement or the QuickClaim End User License Agreement (EULA) and Privacy Policy.

- SDS utilizes third-party resources such as the CMS National Plan and Provider Enumeration System (NPPES) to verify the submitting party has confirmation from the provider to submit on their behalf.

Registration can be completed by following the below steps, ensuring the use of complete and accurate reporting of information on the Registration:

1. Complete the online Open Enrollment Account Registration on the Smart Data Stream site by filling out the required details: Registration

2. Upon completion, select a preferred method to receive a verification code via:

   a. Fax

   b. Mail

   c. Phone

   SDS uses NPPES to pull contact information for delivery of the code. If the contact information is incomplete, reach out to NPPES at 1-800-465-3203 or customerservice@npienumerator.com.

3. Upon retrieval of the verification code, the trading partner will visit the verification site and enter the exact information used for registration to verify their account.

Once the account is verified, the trading partner will receive login credentials and can access their account through the login page.

SDS can terminate the Trading Partner Agreement after a sixty (60) day suspension period, without notice, if the trading partner's account is inactive for a period of six (6) consecutive months, pursuant to the terms of the Trading Partner Agreement.

Trading Partner Administrator and Trading Partner User Roles

This section explains the trading partner user roles. roles. SDS EDI Operations will only make changes to the trading partner record if the change request is received from the authorized Administrator.

- The "Administrator" is the primary representative of the trading partner entity (provider office, billing service, clearinghouse, etc.) that is authorized by the trading partner to conduct all electronic business on behalf of the trading partner, including entering into Trading Partner Agreements, modifying trading partner capabilities, and conducting inquiries about electronic transactions.

- The "User" is a representative of the trading partner Administrator that has been authorized by the trading partner/trading partner Administrator to conduct certain activities on behalf of the trading partner such as, requesting the addition or deletion of affiliated providers or conducting inquiries about electronic transactions.

The following table lists the rights that an Administrator, a User, are authorized to perform:

IBX Trading Partner Role-Based Security Matrix

Smart Data Stream Portal

Rights	Administrator	User
New trading partner registration	✓	
New trading partner request	✓	
Update a trading partner's address information	✓	
Delete a trading partner	✓	
Update claim transactions	✓	
Update Administrator	✓	
Establish User	✓	
Update User	✓	✓
Request for production	✓	
Provider changes	✓	✓
Update software vendor	✓	✓
Add new ERA enrollment	✓	✓
Update ERA Enrollment	✓	✓
Submit Claims	✓	✓

Other Permissions		
Receive EDI transaction support	✓	✓
Request password change	✓	✓

Where to Get Enrollment Forms to Request a Trading Partner ID

To receive a trading partner ID, you must complete an online EDI Transaction Application and agree to the terms of the EDI Trading Partner Agreement. The EDI Transaction Applications and all other EDI request forms are available through the *Sign-Up* section of the EDI Trading Partner Information Center website. You may access the online Application from the page accessed by the link below:

[Trading Partner Sign-Up Page for IBX (sdata.us)](sdata.us)

Receiving ASC X12/005010X221A1 Health Care Claim Payment/Advice (835) Transactions Generated from the Payment Cycle (Batch)

To receive Health Care Claim Payment/Advice (835 remittance transactions) generated from the payment cycle in a batch process, trading partners need to request 835 remittance transactions by completing an *ERA Enrollment* form through the *Update Trading Partners* section of the EDI Trading Partner Information Center website.

[Trading Partner Sign-Up Page for IBX (sdata.us)](sdata.us)

Adding a New Provider to an Existing Trading Partner

Trading partners currently using electronic claims submission who wish to add a new provider to their trading partner ID should complete the *Provider Changes* form in the *Update Trading Partners* section of the EDI Trading Partner Information Center website and select the option to *Add Provider to an existing Trading Partner*.

[Trading Partner Sign-Up Page for IBX (sdata.us)](sdata.us)

Removing Providers from an Existing Trading Partner

Trading partners who wish to remove an existing provider from their trading partner ID should complete the *Provider Change request* on the *Update Trading Partners* section of the EDI Trading Partner Information Center website.

[Trading Partner Sign-Up Page for IBX(sdata.us)](sdata.us)

Reporting Changes in Status

If trading partners need to change any other trading partner information, they must inform SDS Technical EDI Operations by completing the appropriate trading partner update form through the *Update Trading Partners* section of the EDI Trading Partner Information Center website and include all information that is to be updated.

[Trading Partner Sign-Up Page for IBX (sdata.us)](sdata.us)

Out of State Providers

Due to an operating arrangement among Plans that are licensees of the Blue Cross Blue Shield Association, IBX cannot accept electronic transactions from out of state nonparticipating/out-of-network providers for IBX members. Providers should submit all Blue Cross® Blue Shield® electronic claims[1] and inquiry transactions to their local

Blue Cross Blue Shield Plan. The transactions will be sent on to the Plan that holds the member's enrollment for processing through the BlueCard® or BlueExchange® Programs.

Core operating hours for BlueExchange inquiry transactions are Monday through Saturday, 12 a.m. to 11:59 p.m. (CENTRAL TIME)

2.3 Certification and Testing Overview

This section provides a general overview of what to expect during certification and testing phases.

Testing Policy

IBX does not currently require the testing or certificate of any electronic claim or inquiry transaction through the SDS EDI Gateway. It is highly recommended, that all Trading Partners ensure their software complies with all current transactional requirements.

IBX through SDS Transactional Testing

SDS allows trading partners to send test transaction files to the production environment. SDS will not route any transaction with ISA15 indicator of T onto IBX.

System Availability and Downtime

SDS EDI Gateway is available to handle EDI Transactions 24 hours a day, 7 days a week, except during scheduled system maintenance periods. SDS may schedule downtime every third Saturday of the month from 9 p.m. to 4 a.m. ET (EST UTC-05:00 / EDT UTC-04:00).

Maintenance windows are published on the SDS website.

3. Testing with the Payer

This section provides a general overview of what to expect during certification and testing phases.

Testing Policy

IBX does not currently require the testing or certification of any electronic claim or inquiry transactions through the SDS EDI Gateway. It is highly recommended, however, that all Practice Management Software (PMS) Vendors ensure their software complies with all current transaction requirements.

IBX through SDS Transactional Testing

SDS does not allow trading partners to send test transaction files to the production environment. A TA1 will be generated for any transaction file that has "test" indicated in the ISA15 element.

It is highly recommended that trading partners transmit any test data during the hours that SDS EDI Operations are available, 8 a.m. through 5 p.m. EST, Monday through Friday.

IBX does not currently require or provide for the testing of any electronic transactions. It is highly recommended, however, that all PMS Vendors test their software for HIPAA compliance on behalf of all of their clients. Any questions about the requirements contained within this Companion Guide may be directed to SDS EDI Technical Operations at 1-855-297-4436.

Testing with SDS is mostly automatic. The below steps are for testing via the Smart Data Stream portal and via FTP. All test submitted transactions must have the ISA15 production indicator set to T as shown in the table below, when testing with SDS:

Loop	Segment	Description	Required Value
HEADER	*ISA-15*	*Production Indicator*	*T*

Testing via Smart Data Stream Portal:

1. Trading partner logs into the Smart Data Stream Portal from https://portal.smartdatastream.us.

2. Trading partner navigates to the "Claims" tab on the top of screen.

3. Trading partner clicks on the "Upload Claims" button once the "Claims" tab has been loaded.

4. Trading partner submits their electronic 837s by uploading them through the "Upload Claims" page.

5. Upon submission, SDS will load the test file, if under 20 MB, into the system and will redirect the user back to the "Claims" page with the transactions showing.

    a. If the file is over 20 MB, it must be uploaded via SFTP.

    b. If the file is over 5 MB, it will be dropped to the trading partner load folders and will be loaded with the next job run. The trading partner user should see the transaction under the "Claims" tab in roughly four hours.

6. Trading partner is to review all transactions in the portal and confirm total count, patient, payer, total charge, and dates of service. If any items do not match what was submitted in the file, please reach out to SDS.

7. If any claims are rejected, trading partner will review rejection reasons and make corrections to the data as needed.

Testing via SFTP:

1. Trading partner logs into their SDS SFTP account at sftp://ftp.smart-data-solutions.com.

2. Trading partner places their test files in the /in/prod directory.

    a. The /in/test/ directory is not automatically pulled from, and test files should not be placed here.

3. SDS will import the files on the next regularly scheduled job run and generate 999s and 277CAs.

4. SDS will place the 999s and 277CAs in the /out/999 and /out/277 folder on the FTP respectively.

5. Trading partner will download the 999s and 277CAs and confirm acceptance and total transaction count.

6. If any claims are rejected, trading partner will review rejection reasons and make corrections as needed.

Upon completion of testing and trading partner satisfaction with requests and responses, the trading partner is considered fully live and able to 837P and 837I transactions.

SDS does not forward transactions onto the payer unless specifically requested to by the trading partner and payer.

4. Connectivity with the Payer/Communications

SDS offers IBX trading partners the following communication method for transferring data electronically: **SFTP** through a secure https Internet connection (Secure Transport) is available for transactions in batch mode.

4.1 Process Flows

SDS offers trading partners the following communication method to send and receive batch level transactions:

- SFTP
- Web Portal Upload
- Web Portal Data Entry (DDE)

The process flow for each is describe below.

SFTP:

1. Trading partner uploads file to SFTP and places the file to be processed in the /in/prod folder.

2. SDS regularly scheduled jobs will import the file and will generate 999s and 277CAs confirming or rejecting the transactions.

3. SDS will place the 999s and 277CAs in the /out/999 and /out/277 folder on the FTP respectively.

4. SDS will run transactions through routing and custom payer logic on behalf of the trading partner as defined by the payer id located in the NM1-09 of loop 2010BB in the 837 transaction.

5. If at any point during this process or if the payer rejects the transaction upon submission to them, SDS will produce a rejection 277CA describing the rejection.

6. SDS will place the 277CA file on the ftp in the /out/277 folder.

Web Upload:

1. Trading partner submits their electronic 837s by uploading them through the "Upload Claims" page.

2. If the file is under 5 MB SDS will process the file in real time and redirect the submitting user to the "Claims" page with the batch transactions shown. If the file is over 5 MB in size, SDS will download the file from the user and place in folders for submission with regularly scheduled jobs.

3. Upon load the of file, SDS will confirm validity and place any invalid claims in the "Reject Queue" on the Smart Data Stream Portal.

4. SDS will run transactions through routing and custom payer logic on behalf of the trading partner as defined by the payer id located in the NM1-09 of loop 2010BB in the 837 transaction.

5. If at any point during this process or if the payer rejects the transaction upon submission to them, SDS will place the transaction in the "Reject Queue" on the Smart Data Stream Portal.

DDE:

1. Trading partner submits claims by entering them into the "New Claim" feature on the Smart Data Stream portal.

   i. The user will be unable to submit any invalid transactions through the DDE process flow, but this does not guarantee the receiving entity will not reject for reasons SDS does not check for in the DDE process.

2. SDS will run transactions through routing and custom payer logic on behalf of the trading partner as defined by the payer id located in the NM1-09 of loop 2010BB in the 837 transaction.

3. If at any point during this process or if the payer rejects the transaction upon submission to them, SDS will place the transaction in the "Reject Queue" on the Smart Data Stream Portal.

4.2   Transmission Administrative Procedures

Below are the Capacity and Frequency Restrictions and Rules of Behavior when interacting with SDS systems and services:

4.2.1   Capacity and Frequency Restrictions

Maximum number of connections per minute

- SDS does not limit the number of connections per minute.

Maximum size for batch processing payloads

- As a guideline, batch payloads uploaded via SFT should be no greater than 25MB in size with no more than 25,000 claims per file. Files that exceed these limits may be split by SDS into smaller files for processing.

- Batch payloads uploaded via the Smart Data Stream Portal cannot be greater than 20MB in size.

Violation of capacity of frequency restrictions
Trading partners who violate the above restrictions may have their authorization suspended or SDS will implement processes to split files into smaller sizes resulting in more response transactions than initially submitted.

4.2.2   Rules of Behavior

Trading partners are expected to interact with SDS claims services in a non-abusive fashion. This includes refraining from the following:

- Submitting transaction volumes or payload sizes that exceed the restrictions described above in section 4.2.1, or other DOS-style activities.

- Including malicious content such as viruses and malware within transaction payloads.

- Using non-compliant exchange patterns and/or invalid transactions.

4.3   Re-Transmission Procedures

SDS performs an MD5 checksum hash on every file posted to the SFTP or uploaded via the "Claims Upload" page on the Smart Data Stream Portal. This checksum ensure that no exact duplicate file is uploaded twice to SDS systems. SDS does not

perform any duplicate checking at the transaction level unless instructed to by the payer.

4.4 Communication Protocol Specifications

SDS offers two methods to utilize the Internet for conducting electronic business with IBX. The first is a SFTP through "Secure Transport" for conducting business with IBX. The "Secure Transport" is available for trading partners who submit or receive any HIPAA-compliant EDI transactions in batch mode. The second Internet- based service offers "Real-Time" capability for the following real-time enabled transactions: Health Care Eligibility Benefit Inquiry and Response (270/271).

Internet File Transfer Protocol ("SFTP")

SDS offers all trading partners the ability to submit files through the Internet via SFTP. Utilizing an up-to-date SFTP client, the trading partner can submit files directly to SDS in a secure and reliable fashion. To connect via SFTP please follow the below steps:

1. Complete the [SFTP Registration](#) form in the Smart Data Stream Portal.

   a. It will take up to three business days for SDS to create an SFTP account.

2. Login to the SDS SFTP utilizing the account information submitted on the form and the below connection information:

   a. URL: ftp.smart-data-solutions.com

   b. Port: 22

3. Deliver files to the appropriate folder:

   a. /prod if delivering production files.

   b. /test if delivering test files.

Internet/Real-Time (HTTPS – Hypertext Terminal Protocol Secure)

SDS offers a Real-Time Web Service through a secure Internet Connection (HTTPS) for our real-time enabled transactions:

- Health Care Eligibility Benefit Inquiry and Response (270/271)

Real-time inquiry transactions utilize a CORE-compliant Web Services Description Language (WSDL) Simple Object Access Protocol (SOAP). SOAP is a way for a program running in one kind of operating system to communicate with another operating system by using Extensible Markup Language (XML) for the exchange of information over the Internet.

Since the Internet is being utilized to transport the data, encryption will be utilized to secure messages. To take advantage of real-time transactions for IBX with SDS, a trading partner will need to:

1. Check with your EDI software vendor to ensure that the EDI transaction software is programmed for SDS' real-time CORE-compliant or proprietary SOAP transactions, as appropriate.

   o For instructions on how to program for Highmark's real-time transactions, refer to the "Real-Time Inquiry Connectivity Specifications" in the Resources section under EDI Companion Guides at the following site: https://info.sdata.us/edi-ibc

2. Reach out to SDS to establish a submitter and receiver ID.

   o Note: IBX must provide approval before a trading partner will be granted the ability to submit/receive Health Care Eligibility Benefit Inquiry and Response (270/271).

3. For typical inquiry requests, the average response time should be within 15 seconds. Actual response time will be dependent upon real-time transaction activity. Batched inquiries should not be submitted through the real-time process as it may impact the response time.

4.5 Passwords

SDS uses an internal, integrated security framework. As such, login names and passwords are used and required for ALL trading partner connections. Please note that this requirement stands even if additional authentication mechanisms are being used (e.g., X.509 certificate authentication).

Strong trading partner passwords are assigned by trading partner and may not be updated by any outside user of the system.

Password requirements include at least:

- 12 characters
- One uppercase letter
- One lowercase letter
- Two numbers
- One special character
- No repeating characters

SDS does not store plaintext passwords, only encrypted passwords. As such, we are unable to retrieve a lost password.

If a password should be lost, the trading partner may reset their password for the Smart Data Stream Portal on the website or SDS can be contacted to have the password reset. Any password reset request is subject to identity verification and administrative authorization.

SDS differentiates passwords and user accounts between the SFTP and Smart Data Stream Portal. SFTP users and passwords are unchangeable through the Smart Data Stream Portal at this time.

5. Contact Information

5.1 SDS EDI Stream Support

The following are additional, general websites and e-mail contacts that may be helpful.

General Clearinghouse Support
stream.support@sdata.us
(1-855-297-4436)
Monday through Friday, 8 a.m. to 5 p.m. ET

SDS Home Page
http://www.sdata.us

Trading Partner Contact Page for IBX (sdata.us)

5.2 Provider Services

Non-EDI related inquiries should be handled through your existing channels of communication with IBX.

5.3 Applicable Websites/Email

EDI specifications, including this Companion Guide, will be accessible online in the *Resources* section of the EDI Trading Partner Information Center website:

Trading Partner Resources for IBX (sdata.us)

6. Control Segments/Envelopes

Interchange Control (ISA/IEA) and Function Group (GS/GE) envelopes must be used as described in the national implementation guides. IBX's expectations for inbound ISAs and a description of data on outbound ISAs are detailed in this chapter. Specific guidelines and instructions for GS and GE segments are contained in each transaction chapter of this Companion Guide.

Note: SDS only supports one interchange (ISA/IEA envelope) per incoming transmission (file). A file containing multiple interchanges will be rejected for a mismatch between the ISA Interchange Control Number at the top of the file and the IEA Interchange Control Number at the end of the file.

For 5010 claim files, the ISA13 Control number must be unique for each submitted interchange. If the content of an interchange matches another interchange submitted within the last 14 days, the file is considered a duplicate and rejected with a TA1 Duplicate Interchange.

SDS allows **only one** X12 envelope to be submitted per file or CORE payload. That is, only one ISA segment at the beginning of the file, and one IEA segment at the end of the file.

6.1 ISA-IEA

Delimiters

As detailed in the national implementation guides, delimiters are determined by the characters sent in specified, set positions of the ISA header. For transmissions to SDS EDI Operations (inbound transmissions), the following list contains all characters that can be accepted as a delimiter. Note that Line Feed, hex value "0A", is not an acceptable delimiter.

Description	Hex value
StartOfHeading	01
StartofTeXt	02
EndofTeXt	03
EndOfTrans.	04
ENQuiry	05
ACKnowledge	06

BELL	07
VerticalTab	0B
FormFeed	0C
CarriageReturn	0D
DeviceControl1	11
DeviceControl2	12
DeviceControl3	13
DeviceControl4	14
NegativeAcK	15
SYNchron.Idle	16
EndTransBlock	17
FileSeparator	1C
GroupSeparator	1D
RecordSeparator	1 E
!	21
"	22
%	25
&	26
'	27
(	28
)	29
*	2A
+	2B
,	2C
.	2E
/	2F
:	3A
;	3B
<	3C
=	3D
>	3E
?	3F
@	40

[	5B
]	5D
^	5E
{	7B
}	7D
~	7E

Note: "^" can be used as a Data Element Separator, but is not accepted as a Component Element Separator, Repeating Element Separator, or Segment Terminator.

SDS will use the following delimiters in all outbound transactions. Note that these characters as well as the Exclamation Point, "!", cannot be used in text data (type AN, Sting data element) within the transaction; refer to Section 2.1 Valid Characters in Text Data in this document.

Delimiter Type	Character Used	(Hex value)
Data element separator	^	(5E)
Component element separator	>	(3E)
Segment terminator	~	(7E)
Repeating element separator	{	(7B)

Data Detail and Explanation of Incoming ISA to IBX

Segment: ISA Interchange Control Header (Incoming)

Note: This fixed record length segment must be used in accordance with the guidelines in Appendix B of the national transaction implementation guides with the clarifications listed below:

Table 1: Data Element Summary

Loop ID	Reference	Name	Codes	Notes/Comments
ISA		Interchange Control Header		
	ISA01	Authorization Information Qualifier	00	IBX can only support code 00 - No Authorization Information present.
	ISA02	Authorization Information		This element must be space filled.
	ISA03	Security Information Qualifier	00	IBX can only support code 00 - No Security Information present.
	ISA04	Security Information		This element must be space filled.
	ISA05	Interchange ID	ZZ	Use qualifier code value "ZZ"

		Qualifier		Mutually Defined to designate a payer-defined ID.
	ISA06	Interchange Sender ID		Use the IBX assigned security logon ID. The ID must be left justified and space filled. Any alpha characters must be upper case.
	ISA07	Interchange ID Qualifier	33	Use qualifier code value "33". IBX only supports the NAIC code to identify the receiver.
	ISA08	Interchange Receiver ID	54704	IBX
	ISA13	Interchange Control Number		For 5010 claim files the ISA13 Control number must be unique for each submitted interchange. If the content of an interchange matches another interchange submitted within the last 14 days, the file will be considered a duplicate and rejected with a TA1 Duplicate Interchange.
	ISA 14	Acknowledgement Requested	1	A TA1 segment is always returned when the incoming interchange is rejected due to errors at the interchange or functional group envelope.
	ISA15	Usage Indicator		The value in this element is used to determine the test or production nature of all transactions within the interchange.

Data Detail and Explanation of Outgoing ISA from IBX

Segment: ISA Interchange Control Header (Outgoing)

Note: The following table lists clarifications of IBX's use of the ISA segment for outgoing interchanges.

Table 2: Data Element Summary

Loop ID	Reference	Name	Codes	Notes/Comments
ISA		Interchange Control Header		
	ISA01	Authorization Information Qualifier	00	Code 00 is sent - No Authorization Information present.
	ISA02	Authorization Information		This element must be space filled.

	ISA03	Security Information Qualifier	00	Code 00 is sent - No Security Information present.
	ISA04	Security Information		This element must be space filled.
	ISA05	Interchange ID Qualifier	33	Qualifier code value "33" is sent to designate that the NAIC code is used to identify the sender.
	ISA06	Interchange Sender ID	54704	IBX
	ISA07	Interchange ID Qualifier	ZZ	Qualifier code value "ZZ" is sent. Mutually defined to designate that an IBX - assigned proprietary ID is used to identify the receiver.
	ISA08	Interchange Receiver ID		The assigned ID is the trading partner's security logon ID. This ID is left-justified and space filled.
	ISA 14	Acknowledgment Requested		IBX always uses a 0 (No Interchange Acknowledgment Requested).
	ISA15	Usage Indicator		IBX provides T or P as appropriate to identify the test or production nature of all transactions within the interchange.

6.2   GS-GE

Functional group (GS-GE) codes are transaction specific. Therefore, information concerning the GS-GE can be found with the related transaction in Section 7 (Payer-Specific Business Rules and Limitations) and Section 10 (Transaction- Specific Information) of this Companion Guide.

6.3   ST-SE

IBX has no requirements outside the national transaction IGs.

7. Payer-Specific Business Rules and Limitations (837P, 837I, 277CA, 835, 270/271 and 999)

7.1 005010X222A1 Health Care Claim: Professional (837P)

The Health Care Claim: Professional (837P) transaction is used for professional claims. The May 2006 X12 005010X222 Implementation Guide, as modified by the June 2010, Type 1 Errata Document, is the primary source for definitions, data usage, and requirements.

This section and the corresponding transaction data detail make up this Companion Guide for submitting Health Care Claim: Professional (837P) claims for patients with IBX benefits plans, Federal Employees Health Benefit Plan (FEP), and BlueCard Par Point of Service (POS). Accurate reporting of IBX's NAIC code is critical for claims submitted to IBX through the SDS EDI Gateway.

Patient with Medicare Advantage PPO (MAPPO) Coverage from another Blue Cross Blue Shield Plan

The BlueCard operating arrangement among Plans that are licensees of the Blue Cross and Blue Shield Association allows IBX to accept Health Care Claim: Professional (837P) claims when the patient has coverage from an out-of-state MAPPO Plan. BlueCard also applies in certain situations for patients with coverage from other Pennsylvania Plans, as detailed in the following subsections. To be processed through this arrangement, the Member ID (Subscriber and Patient ID if sent) must be submitted with its prefix. Also, IBX must be listed as the payer by submitting 54704 in the Application Receiver GS03 and in the loop 2010BB NM109 Payer ID. IBX will use the Member ID prefix to identify the need to coordinate processing with another Plan. If the prefix portion of the Member ID is missing, the claim will be processed as if the patient were a local IBX member, rather than a member with MAPPO coverage through another Plan. Because the eligibility information for the patient would not reside on IBX's system, the claim would be denied for no coverage and any payment due the provider would be delayed until the claim is corrected and resubmitted.

This operating arrangement allows IBX to be an electronic interface for its local providers to out-of-area MAPPO Plans that are licensees of the Blue Cross and Blue Shield Association. Any payment to the provider will be made by IBX.

Family Planning

Effective August 1, 2013, Keystone First, the IBX Medicaid affiliate/subcontractor in Pennsylvania, started processing family planning claims for Medicaid members. Providers should submit family planning claims for Medicaid members to Keystone First for processing.

keystonefirstpa.com

Claims Resubmission

Frequency Type codes that tie to "prior claims" or "finalized claims" refer to a previous claim that has completed processing in the payer's system and produced a final paper or electronic remittance or explanation of benefits.

Previous claims that are pending due to a request from the payer for additional information are not considered a "prior claim" or "finalized claim." An 837 professional claim transaction is not an appropriate response to a payer's request for additional information. Rather, the instructions contained on the request must be followed for

returning that information. At this time, there is not an EDI transaction available to use for the return of the requested information.

7.2 005010X223A2 Health Care Claim: Institutional (837I)

The Health Care Claim: Institutional (837I) transaction is used for institutional claims. The May 2006 X12 005010X223 Implementation Guide, as modified by the August 2007 and the June 2010 Type 1 Errata documents, is the primary source for definitions, data usage, and requirements. Transactions must be submitted with the revisions in the errata; the transaction version must be identified as 005010X223A2.

This Companion Guide supplements the X12 Implementation Guide and addenda with clarifications and payer-specific usage and content requirements. This section and the corresponding transaction detail make up this Companion Guide for submitting Health Care Claim: Institutional (837I) claims for patients with IBX benefit plans, including Indemnity, Preferred Provider Organization (PPO), Health Maintenance Organization (HMO), Point of Service (POS), Comprehensive Major Medical (CMM), Medicare Advantage, and Medicare Supplemental. Accurate reporting of IBX's NAIC code 54704 in the ISA08 along with associated prefixes and suffixes is critical for claims submission.

Keystone Health Plan East (KHPE)

KHPE-contracted providers should submit all KHPE claims to IBX's NAIC code 54704 in the ISA08 and KHPE's NAIC code 95056 in the GS03.

Family Planning

Effective August 1, 2013, Keystone First, the IBX Medicaid affiliate/subcontractor in Pennsylvania, started processing family planning claims for Medicaid members. Providers should submit family planning claims for Medicaid members to Keystone First for processing.

keystonefirstpa.com

Patient with Coverage from an Out-of-Area Blue Cross Blue Shield Plan

The BlueCard operating arrangement among Plans that are licensees of the Blue Cross Blue Shield Association allows IBX to accept Health Care Claim: Institutional (837I) claims when the patient has coverage from an out-of- state plan. BlueCard also applies in certain situations for patients with coverage from other Pennsylvania Plans, as detailed in the subsection below. To be processed through this arrangement, the Member ID (Subscriber and Patient ID if sent) must be submitted with its prefix. Also, IBX must be listed as the payer by submitting IBX's NAIC code of 54704 in the GS03 Application Receiver's Code and the loop 2010BB NM109 Payer ID. IBX will use the Member ID prefix to identify the need to coordinate processing with another Plan. If the prefix portion of the Member ID is missing, the claim will be processed as if the patient were a local IBX member, rather than a member with coverage through another Plan. Because the eligibility information for the patient would not reside on IBX's system, the claim would be denied for no coverage and any payment due the facility would be delayed until the claim is corrected and resubmitted.

This operating arrangement allows IBX to be an electronic interface for its local providers to out-of-area Plans that are licensees of the Blue Cross Blue Shield Association. Any payment to the provider will be made by IBX.

Claims Resubmission

Frequency Type codes that tie to "prior claims" or "finalized claims" refer to a previous claim that has completed processing in the payer's system and produced a final paper or electronic remittance or explanation of benefits.

Previous claims that are pending due to a request from the payer for additional information are not considered a "prior claim" or "finalized claim." An 837claim transaction is not an appropriate response to a payer's request for additional information. Rather, the instructions contained on the request must be followed for returning that information. At this time, there is not an EDI transaction available to use for the return of the requested information.

7.3   005010X214 Health Care Claim Acknowledgment (277CA)

The 277 Claim Acknowledgment (277CA) transaction is a business application-level acknowledgment for the Health Care Claim (837) transaction(s). This transaction acknowledges the validity and acceptability of claims for adjudication. The January 2007 X12 005010X214 Implementation Guide is the primary source for definitions, data usage, and requirements.

Timeframe for Batch Health Care Claim Acknowledgment (277CA)

Generally, batch claim submitters should expect a Health Care Claim Acknowledgement (277CA) within 24 hours after IBX receives the electronic claims[1], subject to processing cutoffs. The 277CA files (ISA-IEA) will be grouped by the 277CA transactions (ST-SE) within the same Functional Grouping (GS-GE) that was submitted on the corresponding 837 transaction. Each 277CA grouping (GS-GE) will be in a separate file (ISA-IEA). For example, if an 837 file (ISA – IEA) has two Functional Groups (GS-GE) and each Functional Group has two 837 transactions (ST-SE), there will be two 277CA files (ISA-IEA) each with a Functional Group that contains two 277CA transactions (ST-SE) that correspond to the submitted 837 Functional Group and transactions (ST-SE).

There is a one-to-one relationship between an 837 (ST-SE) and the corresponding 277CA (ST-SE). In the event system issues are encountered and all claims from a single 837 transaction cannot be acknowledged in a single 277CA transaction, it may be necessary to retrieve multiple 277CA transactions related to an electronic claims transaction. See Section 4.4 Communication Protocol Specifications in this Companion Guide for information on retrieving the batch Health Care Claim Acknowledgment (277CA).

[1] Electronic claim includes both ASC X12/005010X222A1 Health Care Claim: Professional (837) and ASC X12/005010X223A2 Health Care Claim: Institutional (837) unless otherwise noted.

7.4   005010X221A1 Health Care Claim Payment/Advice (835)

The 835 transaction is used to provide an explanation of claims payment. The April 2006 X12 005010X221 Implementation Guide named in the HIPAA Administrative Simplification Electronic Transaction rule as modified by the June 2010 Addenda document is the primary source for definitions, data usage, and requirements.

Availability of Payment Cycle 835 Transactions (Batch)

Health Care Claim Payment/Advice (835) transactions are created on a weekly or daily basis to correspond with IBX's weekly or daily payment cycles. The Health Care Claim Payment/Advice (835) payment transaction files become available for retrieval after the payment cycle is complete and remain available for seven days. If a Health

Care Claim Payment/Advice (835) transaction was expected but not available for retrieval on the third day after the payment cycle was complete, contact SDS EDI Technical Operations for assistance.

Reassociation of the 835 and EFT Payment

Providers have the ability to automate their patient account posting and reconciliation with the associated electronic payment through use of an Electronic Remittance Advice (ERA/835) and Electronic Funds Transfer (EFT). Providers who receive payment for claims via EFT and also receive the 835 transaction <u>must contact</u> their financial institution to arrange for the delivery of the EFT payment data that is needed for re-association of the payment and the 835. The table below defines the payment data needed for reassociation and where that data is located in both the banking system's CCD+ (EFT) format file and the 835 transaction:

EFT Payment Data	Banking System's CCD+ Format File	835 Transaction Data
Effective Entry Date	Record 5, Field 9	BPR16
EFT Amount	Record 6, Field 6	BPR02
Payment Related Information	Record 7, Field 3	TRN Segment (Payment/EFT Trace Number)

Missing or Late 835 or EFT Payment

If an ERA/835 file has not been received after four (4) business days of receipt of the corresponding EFT payment, you can research it by contacting SDS EDI Technical Operations.

If and EFT payment has not been received after four (4) business days of receipt of the corresponding ERA/835 file, you can research it by contacting IBX through Provider eBusiness Inquiry form, which is available at https://fhnportal.ibx.com/providerinquiry/ibc/dashboard.

IBX defines business days as Monday through Friday, excluding holidays. A holiday schedule is published on a yearly basis. For EFT, IBX follows the bank holiday schedule. The electronic funds will be available the next business day following the bank holiday.

For additional details, user guides are available on our Provider News Center at ibx.com/pnc. Click on EFT resources under Quick Links in the right-hand navigation bar.

Limitations

- Paper claims might not provide all data utilized in the Health Care Claim Payment/Advice (835). Therefore, some data segments and elements may be populated with "default data" or not available as a result of the claim submission mode.

- Administrative checks are issued from a manual process and are not part of the weekly or daily payment cycles. Therefore, they will not be included in the Health Care Claim Payment/Advice (835) transaction. A letter or some form of documentation usually accompanies the check. An administrative check does not routinely contain an Explanation of Benefits notice.

- The following information will be populated with data from internal databases:
  - Payer name and address
  - Payee name and address

Major Medical

Under certain group contracts, IBX processes major medical benefits concurrently with the "basic" medical-surgical coverage. In those instances, the liabilities for the "basic" coverage and the major medical coverage will be combined and the resulting "net" liabilities will be reported in the Claim Adjustment Segment at either the claim level or each service line, depending on the type of claim. Claims that are processed concurrently with major medical coverage will reflect Remittance Advice Remark Code 'N7' - Processing of this claim/service has included consideration under Major Medical provisions' in either the 2100 Loop MIA or MOA Segment or 2110 Loop LQ Segment to alert the provider of this processing arrangement.

Claim Overpayment Refunds

Member Facility Institutional Claims

The Reversal and Correction methodology is used to recoup immediate refunds for overpayments identified by the provider or by IBX. The change in payment details is reflected by a reversal claim (CLP02 = 22) and a corrected claim (CLP02 = 1, 2, 3, or 4). The payment amount of the check/EFT is reduced by the overpayment amount, after any outstanding provider offsets are applied from previous checks/EFTs.

If IBX is unable to recoup all or a portion of the refund money from the current check/EFT, the remaining refund amount to be offset on a future check will be shown as a negative amount in the Provider Adjustment PLB segment of the Health Care Claim Payment/Advice (835) using the Provider Adjustment Reason code of FB – Forward Balance. The negative PLB dollars allow the Health Care Claim Payment/Advice (835) payment to balance and essentially delay or move the refund balance forward to a future Health Care Claim Payment/Advice (835), when money is available to be offset from a check/EFT.

When the refund dollars are eventually offset in a subsequent check/EFT, the money is only reflected in the Health Care Claim Payment/Advice (835) PLB segment with the dollar amount being offset from that specific check/EFT. Note that the reversal and correction claim detail is not repeated in the Health Care Claim Payment/Advice (835).

IBX uses the standard 'Balance Forward Processing' methodology as defined in the X12/005010X221A1 Health Care Claim Payment/Advice (835), Section 1.10.2.12 Balance Forward Processing.

Professional and Non-Member Facility Claims

When overpayment of a professional claim is identified by the provider and verified by IBX, the reversal/correction/offset mechanism described above for member facility institutional claims is followed.

When overpayment of a professional claim is identified by IBX, the provider's payment will not be immediately reduced. This delay is intended as an opportunity for the provider to appeal IBX's overpayment determination. Due to the timing of the appeal review and actual check/ EFT reduction, providers are encouraged to NOT wait to appeal the refund request.

With the exception of difficult refund cases, this new process will eliminate the form letters.

In the Health Care Claim Payment/Advice (835) transaction, the IBX - identified overpayment reversal and correction claims will be separated to a second LX loop (LX01 = 2). Because the resulting overpayment amounts for the claims in this LX loop are not being deducted from this check/EFT, a negative amount which cancels out the reversal and correction overpayment claims is reported in the Provider Adjustment PLB segment. The PLB segment will have the following codes and information:

- Provider Adjustment Reason Code WO, Overpayment Recovery.

- Reference identification will contain the claim number from the reversal and correction claim followed by the word "DEFER" with no spaces. Example: '06123456789DEFER.'

  Claim Interest – If an interest payment was made in connection with the original claim payment, recoupment of the interest corresponding to the overpayment will also be deferred. Deferred Interest will be individually detailed in the PLB segment to assist the provider with account reconciliation. The PLB segment will reflect the following codes and information:

  – Provider Adjustment Reason Code L6, Interest Owed.

  – Reference Identification will contain the claim number from the impacted claim followed by the word "DEFER" with no space. Example: '06123456789DEFER.'

  – Both a positive and negative interest (L6) adjustment will be shown in order to not financially impact the current Health Care Claim Payment/Advice (835) payment.

If an appeal is not filed, IBX will assume the provider agrees with the refund request. The overpayment refund will then be deducted from a current check/EFT, and that refund amount will be reflected in a Provider Adjustment PLB segment. Note that the reversal and correction claim detail is not repeated in the Health Care Claim Payment/Advice (835). The following codes and information will be used in the PLB segment for this purpose:

- Provider Adjustment Reason Code WO, Overpayment Recovery.

- Reference Identification will contain the claim number from the reversal and correction claim.

- If Interest related to this claim was previously deferred, the current refund amount being collected will include the interest amount.

In the event the full refund amount cannot be deducted from the current check/EFT, then the remaining balance will be 'moved forward' to a subsequent check/EFT using the Provider Adjustment Reason code of FB – Forward Balance in the Provider Adjustment PLB segment of the Health Care Claim Payment/Advice (835).

IBX uses the standard 'Balance Forward Processing' methodology as defined in the X12/005010X221A1 Health Care Claim Payment/Advice (835), Section 1.10.2.12 Balance Forward Processing.

7.5 005010X279A1 Health Care Eligibility Benefit Inquiry and Response (270/271)

The 270 transaction is used to request the health care eligibility for a subscriber or dependent. The 271 transaction is used to respond to that request. The May 2006 X12N Implementation Guide named in the HIPAA Administrative Simplification Electronic Transaction rule as modified by the June 2010 Addenda document is the primary source for definitions, data usage, and requirements.

Requests per Transaction Mode

The Eligibility Inquiry process for the payers in this Reference Guide is limited to one Information Source and Information Receiver per ST-SE transaction.

Real-time mode: If multiple requests are sent, the transaction is rejected.

Patient Search Criteria

In addition to the Required Primary and Required Alternate Search options mandated by the 270/271 implementation guide, IBX will search for the patient if only the following combinations of data elements are received on the 270 request:

- Subscriber ID, Patient Last Name, Patient First Name, and Patient Date of Birth
- Subscriber ID and Patient Date of Birth

7.6 005010X231A1 Implementation Acknowledgment for Health Care Insurance (999)

SDS returns an Implementation Acknowledgment for Health Care Insurance (999) for each Functional Group (GS-GE) envelope that is received in a batch mode. If multiple Functional Groups are received in an Interchange (ISA-IEA) envelope, a corresponding number of Implementation Acknowledgment for Health Care Insurance (999) transactions will be returned.

Action on a Functional Group can be: acceptance, partial acceptance, or rejection. A partial acceptance occurs when the Functional Group contains multiple transactions and at least one, but not all, of those transactions is rejected. (Transaction accepted/rejected status is indicated in IK501.) The location and reason for errors are identified in one or more of the following segments:

- IK3 – segment errors
- IK4 – data element errors
- IK5 – transaction errors
- AK9 – functional group errors

Rejection codes are contained in the X12 005010X231A1 Implementation Acknowledgment for Health Care Insurance (999) national Implementation Guide. Rejected transactions or functional groups must be fixed and resubmitted.

Implementation Acknowledgment for Health Care Insurance (999) transactions will have Interchange Control (ISA-IEA) and Functional Group (GS-GE) envelopes. The Version Identifier Code in GS08 of the envelope containing the Implementation Acknowledgment for Health Care Insurance (999) will be "005010X231A1". Note that this will not match the Implementation Guide identifier that was in the GS08 of the envelope of the original submitted transaction. The GS08 value from the originally submitted transaction resides in the AK103 of the Implementation Acknowledgment for Health Care Insurance (999) guide.

In the following example the IK404 value 'TRADING PARTNER PROFILE' indicates that one or more incorrect values were submitted. In order to process your submission, these values must be corrected and the transaction resubmitted.

```
ISA^00^        ^00^   ^33^54704        ^ZZ^XXXXXXX
^060926^1429^{^00501^035738627^0^P^>
GS^FA^XXXXX^999999^20060926^142948^1^X^005010 ST^999^0001
IK1^HC^655 IK2^837^PA03
IK3^GS^114^^8
IK4^2^^7^TRADING PARTNER PROFILE IK5^R
AK9^R^1^1^0 SE^8^0001
GE^1^1 IEA^1^035738627
```

8. Acknowledgments and Reports

8.1 Report Inventory

IBX has no proprietary reports.

8.2 X12 Acknowledgments

TA1 Segment	Interchange Acknowledgment
999 Transaction	Implementation Acknowledgment for Health Care Insurance
277CA Acknowledgment	Claim Acknowledgment to the Electronic Claim[1]

Outgoing Interchange Acknowledgment TA1 Segment

The SDS EDI Gateway returns a TA1 Interchange Acknowledgment segment in batch mode when the entire interchange (ISA-IEA) must be rejected.

The interchange rejection reason is indicated by the code value in the TA105 data element. This fixed length segment is built in accordance with the 999 Implementation Guide. Each SDS EDI Gateway TA1 will have an Interchange Control Envelope (ISA-IEA).

Outgoing Implementation Acknowledgment for Health Care Insurance (999)

The SDS EDI Gateway returns an Implementation Acknowledgment for Health Care Insurance (999) for each Functional Group (GS-GE) envelope that is received in a batch mode. If multiple Functional Groups are received in an Interchange (ISA-IEA) envelope, a corresponding number of Implementation Acknowledgment for Health Care Insurance (999) transactions will be returned.

Transaction accepted/rejected status is indicated in IK501. For details on this transaction, please refer to Sections 7.6 and 10.6: 005010X231A1 Implementation Acknowledgment for Health Care Insurance (999) of this Companion Guide.

Outgoing Claim Acknowledgment (277CA Transaction)

The 277CA Claim Acknowledgment Transaction is used to return a reply of "accepted" or "not accepted" for claims or encounters processed by IBX submitted via the electronic claim[1] transaction in batch mode. The 277CA files (ISA-IEA) will be grouped by the 277CA transactions (ST-SE) within the same Functional Grouping (GS-GE) that was submitted on the corresponding 837. Each 277CA grouping (GS-GE) will be in a separate file (ISA-IEA). For example, if an 837 file (ISA – IEA) has 2

Functional Groups (GS-GE) and each Functional Group has 2 837 transactions (ST-SE), there will be two 277CA files (ISA-IEA) each with a Functional Group that contains two 277CA transactions (ST-SE) that correspond to the submitted 837 Functional Group and transactions (ST-SE).

Acceptance at this level is based on the electronic claim.[1] Implementation Guides and front-end edits and will apply to individual claims within an electronic claim[1] transaction. For those claims not accepted, the Health Care Claim Acknowledgment (277CA) will detail additional actions required of the submitter in order to correct and resubmit those claims. For details on this transaction, please refer to the Health Care Claim Acknowledgment (277CA) in Section 7.3 and 10.6 of this Companion Guide.

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[1]Electronic claim includes both X12/005010X222A1 Health Care Claim: Professional (837) and X12/005010X223A2 Health Care Claim: Institutional (837) unless otherwise noted.

9. Trading Partner Agreements

Provider Trading Partner Agreement

For use by professionals and institutional providers.

Clearinghouse/Vendor Trading Partner Agreement

For use by software vendors, billing services, or clearinghouses.

Trading Partners

An SDS trading partner is defined for this Companion Guide as any entity (provider, billing service, software vendor, employer group, or financial institution) that utilizes the SDS EDI Gateway to transmit or receive electronic data.

Trading Partner must agree to and sign the Smart Data Solutions Trading Partner Agreement or the QuickClaim End User License Agreement (EULA) and Privacy Policy.

10. Transaction-Specific Information

This section describes how X12N Implementation Guides (IGs) adopted under HIPAA will be detailed with the use of a table. The tables contain a row for each segment that IBX has something additional, over and above the information in the IGs. That information can:

1. Limit the repeat of loops, or segments
2. Limit the length of a simple data element
3. Specify a sub-set of the IGs internal code listings
4. Clarify the use of loops, segments, composite and simple data elements
5. Any other information tied directly to a loop, segment, composite, or simple data element pertinent to trading electronically with IBX.

In addition to the row for each segment, one or more additional rows are used to describe IBX's usage for composite and simple data elements and for any other information. Notes and comments will be placed at the deepest level of detail. For example, a note about a code value will be placed on a row specifically for that code value, not in a general note about the segment.

The following table lists the X12 IG for which specific transaction instructions apply and which are included in Section 10 of this Companion Guide:

Unique ID	Name
005010X222A1	Health Care Claim: Professional
005010X223A2	Health Care Claim: Institutional
005010X214	Health Care Claim Acknowledgment
005010X221A1	Health Care Claim Payment/Advice
005010X279A1	Health Care Eligibility Benefit Inquiry and Response*
005010X231A1	Implementation Acknowledgment for Health Care Insurance

IBX through the SDS EDI Gateway supports the transactions marked with an '*' in real-time only. All other listed transactions are supported in batch mode.

10.1 005010X222A1 Health Care Claim: Professional (837P)

Refer to Section 7.1 for IBX business rules and limitations for this specific transaction.

005010X222A1 Health Care Claim: Professional				
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
	GS	Functional Group Header		
	GS02	Application Sender's Code		Sender's assigned Trading Partner Number. The submitted value must not include leading zeros.
	GS03	Application Receiver's Code	54704 95056	**54704** IBX CMM IBX Traditional IBX PPO IBX PC65 MAPPO **95056** Keystone POS Keystone HMO Keystone Medicare
1000A	NM1	Submitter Name		
	NM109	Submitter Identifier		Sender's assigned Trading Partner Number. The submitted value must not include leading zeros.
1000A	PER	Submitter EDI Contact Information		IBX will use contact information on internal files for initial contact.

		005010X222A1 Health Care Claim: Professional		
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
1000B	NM1	Receiver Name		
	NM103	Receiver Name		IBX
	NM109	Receiver Primary Identifier	54704 95056	Identifies IBX as the receiver of the transaction and corresponds to the value in GS03 Application Receiver Code.
2000A	PRV	Billing Provider Specialty Information		When the Billing Provider's National Provider Identifier (NPI) is associated with more than one IBX Specialty, the Provider Taxonomy Code correlating to the contracted specialty is required on all claims.
2000A	CUR	Foreign Currency Information		Do not submit. All electronic transactions will be with U.S. trading partners therefore U.S. currency will be assumed for all amounts.
2010AA	NM1	Billing Provider Name		
2010AA	N3	Billing Provider Address		The provider's address on IBX internal files will be used for mailing of a check or other documents related to the claim. If the NPI submitted in 2010AA/NM109 is tied to multiple locations, the physical office address where the patient was seen should be submitted in this loop.
	N301	Address Information		The Billing Provider Address must be a street address of a practice location. Post Office Box or Lock Box addresses are to be sent in the Pay-To Address Loop (Loop ID 2010AB), if necessary.

005010X222A1 Health Care Claim: Professional
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
2010AA	N4	Billing provider City, State, ZIP		The provider's address on IBX internal files will be used for mailing of a check or other documents related to the claim.
	N403	ZIP Code		The full 9 digits of the ZIP+4 Code are required. The last four digits cannot be all zeros.
2010AA	REF	Billing Provider Tax Identification Number		
2010AA	PER	Billing Provider Contact Information		IBX uses contact information on internal files for initial contact.
2010AB	NM1	Pay-To Address Name		The provider's address on IBX internal files will be used for mailing of a check or other documents related to the claim.
2000B	SBR	Subscriber Information		
2000B	SBR01	Payer Responsibility Sequence Number Code	A, B, C, D, E. F, G, H, P, S, T, U	If value other than "P" (Primary) is populated, then the following Loops/Segments are required: • 2320 or 2430/CAS: With appropriate Claim Adjustment Group and Claim Adjustment Reason codes along with amounts • 2320/AMT: With AMT01 = 'D' and AMT02 Payer Paid Amount • 2320 or 2430/AMT: With AMT01 = 'AEF' and AMT02 Payer Paid Amount • 2330A/NM1: With Other Subscriber information
	SBR09	Claim Filing Indicator Code	BL	IBX Products

		005010X222A1 Health Care Claim: Professional		
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
2010BA	NM1	Subscriber Name		
	NM102	Entity Type Code Qualifier	1	For IBX claims, the Subscriber must be a Person, code value "1." The Subscriber can only be a non-person for Worker's Compensation claims, which IBX does not process.
	NM109	Subscriber Primary Identifier		This is the identifier from the Subscriber's identification card (ID Card), including alpha characters. Spaces, dashes, and other special characters that may appear on the ID Card are for readability and appearance only and are not part of the identification code and therefore should not be submitted in this transaction.
2010BA	REF	Subscriber Secondary Identification		IBX does not need secondary identification to identify the Subscriber.
2010BB	NM1	Payer Name		
	NM109	Payer Identifier	54704 95056	This value should match the value submitted in the GS03 segment (Application Receiver Code).
2010BB	REF	Payer Secondary Identification		IBX does not need secondary identification to identify the payer.
2010CA	NM1	Patient Name		
	NM102	Entity Type Code Qualifier	1	For IBX claims, the Patient must be a Person, code value "1."
2300	CLM	Claim Information		
2300	CLM101	Claim Submitter's Identifier		Do not enter values more than 20 characters.
	CLM05-3	Claim Frequency Type Code		If CLM05-3 contains '7' or '8', prior claim information is required in the following Segments are required in Loop 2300: REF – Payer Claim Control Number (REF01 = 'F8' and IBX Claim Number in REF02) NTE – Billing Note (NTE01 = 'ADD' and detailed description regarding the adjustment in NTE02).

005010X222A1 Health Care Claim: Professional				
Loop ID	Reference	Name	Codes	Notes/Comments
2300	REF	Payer Claim Control Number		
2300	REF01	Reference Identification Qualifier	F8	If CLM05-3 contains '7' or '8,' prior claim information is required in the following Segments are required in Loop 2300: REF – Payer Claim Control Number (REF01 = 'F8' and IBX Claim Number in REF02).
2300	NTE	Claim Note		For fastest processing of anesthesia claims where the surgery procedure code reported in the Anesthesia Related Procedure HI segment is a Not Otherwise Classified code, report a complete description of the surgical services in this NTE segment. If CLM05-3 contains '7' or '8,' prior claim information is required in the following Segments are required in Loop 2300: NTE – Billing Note (NTE01 = 'ADD' and detailed description regarding the adjustment in NTE02).
2300	HI	Health Care Diagnosis Code		
2300	HI	Anesthesia Related procedure		Send the procedure code for the surgery or other service related to the anesthesia, if known. If the only applicable code is a Not Otherwise Classified code, send a description of the service in the Procedure Code Description element SV101-7.
2310A	NM1	Referring Provider		With the implementation of the Ancillary Claim Filing mandate, the referring provider is required on Specialty Pharmacy and Independent Laboratory claims.

				005010X222A1 Health Care Claim: Professional

Loop ID	Reference	Name	Codes	Notes/Comments
2310B	PRV	Rendering Provider Specialty Information		When the Rendering Provider's National Provider Identifier (NPI) is associated with more than one IBX Contracted Specialty, the Provider Taxonomy Code correlating to the contracted specialty is required on all claims. .
2310C		Service Facility Location Name		This 2310C loop should only be used when the service is rendered at a facility location other than the Billing Provider physician's office (submitted in loop 2010AA).
2310C	N3	Service Facility Location Address		When the 2310C Service Facility Location Name loop is sent, this N3 Location Address segment must be the physical location where the service was rendered. Post Office Box, Lockbox or similar delivery points that cannot be the service location will not be accepted in this segment.
2310C	N4	Service Facility Location City/State/Zip		
	N403	ZIP Code		The full 9 digits of the ZIP+4 Code are required. The last four digits cannot be all zeros.
2320	CAS	Claims Level Adjustment		If SBR01 is a value other than "P" (Primary), this segment is required. *Note:* If reported at the line level, this data is not required.
2320	AMT	COB Payer Paid Amount		If SBR01 is a value other than "P" (Primary), this segment is required.
2320	AMT	Remaining Patient Liability		If SBR01 is a value other than "P" (Primary), this segment is required. *Note:* If reported at the line level, this data is not required.

005010X222A1 Health Care Claim: Professional				
Loop ID	Reference	Name	Codes	Notes/Comments
2330B	NM1	Other Payer Name		If SBR01 is a value other than "P" (Primary), this segment is required.
	NM109	Other Payer Primary Identifier		Until the National Health Plan ID is established, this NM109 data element will only be used to match to the corresponding information in the 2430 loop. Use a unique number that identifies the other payer in the submitter's system. If the submitter's system does not have a unique identifier for the other payer, a value can be assigned by the submitter that is unique for each other payer within this transaction.
2330B	N4	Other Payer City, State, ZIP Code		This segment is required. If the paired N3 is sent, this segment must contain the corresponding city, state, and ZIP information. If the paired N3 is not sent, and the submitter does not know the Other Payer's city, state, and ZIP, send the Billing Provider address information as the default.
2400	SV1	Service Line		
	SV101-1	Product/Service ID Qualifier		Qualifier value HC, HCPCS, is the only value IBX will accept in this element.
2400	DTP	Last Seen Date		This date is not needed for the payer's adjudication process; therefore, the date is not required.
2400	AMT	Sales Tax Amount		This amount is not needed for the payer's adjudication process; therefore, the amount is not required.
2400	PS1	Purchase Service Information		This information is not needed for the payer's adjudication process; therefore, it is not required.

				005010X222A1 Health Care Claim: Professional

Loop ID	Reference	Name	Codes	Notes/Comments
2410	LIN	Drug Identification		• NDC codes are required when specified in the provider's agreement with IBX. • IBX encourages submission of NDC information on all drug claims under a medical benefit to enable the most precise reimbursement and enhanced data analysis.
2420A	PRV	Rendering Provider Specialty Information		When the Rendering Provider's National Provider Identifier (NPI) is associated with more than one IBX contracted specialty, the Provider Taxonomy Code correlating to the contracted specialty is required when this loop is used.
2420C	N3	Service Facility Location Address		This loop is only required when the services are rendered in a facility other than the Billing Provider physician's office. When the 2420C Service Facility Location Name loop is sent, this N3 Location Address segment must be the physical location where the service was rendered (other than the Billing Provider's office). Post Office Box, Lockbox, or similar delivery points that cannot be the service location will not be accepted in this segment.
2430	CAS	Claims Level Adjustment		If SBR01 is a value other than "P" (Primary), this segment is required. *Note:* If reported at the claim level, this data is not required.
2430	COB Payer Paid Amount	Remaining Patient Liability		If SBR01 is a value other than "P" (Primary), this segment is required. *Note:* If reported at the claim level, this data is not required.

10.2 005010X223A2 Health Care Claim: Institutional (837I)

Refer to Section 7.2 for IBX business rules and limitations for this specific transaction.

Loop ID	Reference	Name	Codes	Notes/Comments
005010X223A2 Health Care Claim: Institutional				
	GS	Functional Group Header		
	GS02	Application Sender's Code		Sender's Trading Partner Number. The submitted value must not include leading zeros.
	GS03	Application Receiver's Code	54704 95056	**54704** IBX CMM IBX Traditional IBX PPO IBX PC65 FEP BlueCard **95056** Keystone POS Keystone HMO Keystone Medicare
1000A	NM1	Submitter Name		
	NM109	Submitter Identifier		Sender's Trading Partner Number. The submitted value must not include leading zeros.
1000A	PER	Submitter EDI Contact Information		IBX uses contact information on internal files for initial contact.
1000B	NM1	Receiver Name		IBX (based on values submitted in GS03)
	NM103	Receiver Name		IBX or Keystone Health Plan East
	NM109	Receiver Primary Identifier	54704 95056	**54704** IBX CMM IBX Traditional IBX PPO IBX PC65 FEP BlueCard **95056** Keystone POS Keystone HMO Keystone Medicare

		005010X223A2 Health Care Claim: Institutional		
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
2000A	PRV	Billing Provider Specialty Information		When the Billing Provider's National Provider Identifier (NPI) is associated with more than one IBX Contracted Specialty, the Provider Taxonomy Code correlating to the contracted specialty is required on all claims.
2000A	CUR	Foreign Currency Information		Do not submit. All electronic transactions will be with U.S. trading partners; therefore, U.S. currency will be assumed for all amounts.
2010AA	NM1	Billing Provider Name		
2010AA	NM108	Identification Code Qualifier		When the organization is not a health care provider (is an "atypical" provider) and, thus, not eligible to receive an NPI, the NM108 and NM109 fields will be omitted. The "atypical" provider must submit their TIN in the REF segment and their assigned IBX Corporate ID in loop 2010BB/REF (Billing Provider Secondary Identification segment).
2010AA	NM109	Identification code		When the organization is not a health care provider (is an "atypical" provider) and, thus, not eligible to receive an NPI, the NM108 and NM109 fields will be omitted. The "atypical" provider must submit their TIN in the REF segment and their assigned IBX Corporate ID in loop 2010BB/REF (Billing Provider Secondary Identification segment).
2010AA	N3	Billing Provider Address		The provider's address on IBX internal files will be used for mailing of a check or other documents related to the claim.
2010AA	N4	Billing Provider City, State, ZIP Code		The provider's address on IBX internal files will be used for mailing of a check or other documents related to the claim.
	N403	ZIP Code		The full 9 digits of the ZIP+4 Code are required. The last four digits cannot be all zeros.

|				005010X223A2 Health Care Claim: Institutional		

Loop ID	Reference	Name	Codes	Notes/Comments
2100AA	PER	Billing Provider Contact Information		IBX will use contact information on internal files for initial contact.
2010AB	NM1	Pay-To Address Name		The provider's address on IBX internal files will be used for mailing of a check or other documents related to the claim.
2000B	SBR	Subscriber Information		
	SBR01	Payer Responsibility Sequence Number Code		If value other than "P" (Primary) is populated, then the following Loops/Segments are required: • 2300/HI: If IBX is secondary to Medicare, appropriate Value Codes if applicable • 2300/CAS: With appropriate Claim Adjustment Group and Claim Adjustment Reason codes along with amounts • 2300/AMT: With AMT01 = 'D' and AMT02 Payer Paid Amount • 2330A/NM1: With Other Subscriber information
2000B	SBR09		BL MC	**BL** for IBX.
2010BA	NM1	Subscriber Name		
	NM102	Entity Type Code Qualifier	1	For IBX claims, the Subscriber must be a Person, code value "1". The Subscriber can only be a non-person for Worker's Compensation claims, which IBX does not process.
	NM104	Subscriber First Name		Subscriber's first name is required when NM102 = 1 and the person has a first name. If the subscriber has a Single Legal Name, NM102 must = 1 and Single Legal Name must be populated in NM103 and NM104 must not be populated.
	NM109	Subscriber Primary Identifier		This is the identifier from the subscriber's identification card (ID Card), including alpha characters. Spaces, dashes, and other special characters that may appear on the ID Card are for readability and appearance only and are not part of the identification code and therefore should not be submitted in this transaction.

Loop ID	Reference	Name	Codes	Notes/Comments
		005010X223A2 Health Care Claim: Institutional		
2010BA	REF	Subscriber Secondary Identification		IBX does not need secondary identification to identify the Subscriber.
2010BB	NM1	Payer Name		
	NM103	Payer Name		IBX (based on values submitted in GS03)
	NM109	Payer Identifier	54704 95056	This value should match the value submitted in the GS03 segment (Application Receiver Code).
2010BB	REF	Payer Secondary Identification		IBX does not need secondary identification to identify the payer.
2300	CLM	Claim Information		
	CLM05-1	Facility Type Code	84	IBX considers Free Standing Birthing Center to be Outpatient when applying data edits. Note that this is a variation from the Inpatient indication in the NUBC Data Specifications Manual as of the time of this document.
	CLM05-3	Claim Frequency Type Code		If CLM05-3 contains '5', '7', or '8', prior claim information is required in the following Segments are required in Loop 2300: • REF – Payer Claim Control Number (REF01 = 'F8' and IBX Claim Number in REF02) • REF – Medical Records Number (REF01 = 'EA' and Medical Record Number in REF02) • NTE – Billing Note (NTE01 = 'ADD' and detailed description regarding the adjustment in NTE02)
2300	DTP	Discharge Hour		

005010X223A2 Health Care Claim: Institutional				
Loop ID	Reference	Name	Codes	Notes/Comments
	DTP03	Discharge Time		Hours (HH) are expressed as '00' for midnight, '01' for 1 a.m., and so on through '23' for 11 p.m. A default of '99' will not be accepted. Minutes (MM) are expressed as '00' through '59'. If the actual minutes are not known, use a default of '00'.
2300	DTP	Admission Date and Hour		
	DTP03	Admission Date and Hour		Hours (HH) are expressed as '00' for midnight, '01' for 1 a.m., and so on through '23' for 11 p.m. A default of '99' will not be accepted. Minutes (MM) are expressed as '00' through '59'. If the actual minutes are not known, use a default of '00'.
2300	REF	Payer Claim Control Number		IBX requires the Payer Claim Control Number segment when loop 2300/CLM05-3 is '5', '7', or '8'.
	REF02	Payer Claim Control Number		IBX Claim Number of the previously adjudicated claim associated with the Late Charge, Replacement or Void noted by Loop 2300/CLM05-3.
2300	REF	Medical Record Number		IBX requires the Medical Record Number segment when Loop 2300/CLM05-3 is '5', '7', or '8'.
	REF01	Reference Identification Qualifier	EA	
2300	NTE	Billing Note		NTE segment is required for IBX when Loop 2300/CLM05-3 is '5', '7', or '8'.
	NTE02	Original Reference Number		Enter a detail description regarding the adjustment request.
2300	K3	File Information		Present on Admission (POA) codes are not reported in the K3. Claims with POA codes in the K3 will not be accepted for processing. POA codes are reported in the appropriate HI segment along with the appropriate diagnosis code.
2300	HI	Principal Diagnosis		ICD-10-CM Diagnosis Codes for dates of service on or after October 1, 2015, will be accepted as of October 1, 2015.

005010X223A2 Health Care Claim: Institutional				
Loop ID	Reference	Name	Codes	Notes/Comments
2300	HI	Admitting Diagnosis		ICD-10-CM Diagnosis Codes for dates of service on or after October 1, 2015, will be accepted as of October 1, 2015.
2300	HI	Patient's Reason for Visit		ICD-10-CM Diagnosis Codes for dates of service on or after October 1, 2015, will be accepted as of October 1, 2015.
2300	HI	Other Diagnosis		ICD-10-CM Diagnosis Codes for dates of service on or after October 1, 2015, will be accepted as of October 1, 2015.
2300	HI	Principal Procedure Information		ICD-10-CM Diagnosis Codes for dates of service on or after October 1, 2015, will be accepted as of October 1, 2015.
2300	HI	Other Procedure Information		ICD-10-CM Diagnosis Codes for dates of service on or after October 1, 2015, will be accepted as of October 1, 2015.
	HI01-1	Code List Qualifier Code		Until further notification from IBX, Advanced Billing Concepts (ABC) codes will not be accepted.

Loop ID	Reference	Name	Codes	Notes/Comments
				005010X223A2 Health Care Claim: Institutional
2300	HI	Occurrence Information		An Assessment Date is submitted as an Occurrence Code 50 with the assessment date in the corresponding date/time element.
2300	HI	Value Information		When IBX is secondary to Medicare, Value Code information is required as necessary.
	HI01-01		BE	
	HI01-02		09, 11, 08, 10, 06, 80, 81, 82, 83	• 09 (Coinsurance Amount in 1st calendar year) • 11 (Coinsurance Amount in 2nd calendar year) • 08 (Lifetime Reserve Amount in 1st year) • 10 (Lifetime Reserve Amount in 2nd year) • 06 (Medicare Blood Deductible) • 80 (Covered Days) • 81 (Non-covered Days) • 82 (Coinsurance Days) • 83 (Lifetime Reserve Days) *Note:* **For Medicare Part A:** Coinsurance amounts use Value Codes 9-11 (CAS segments are not required). **For Medicare Part A:** Deductible (previously identified by Value Codes A1, B1, C1) are to be reported in the CAS (Claim Adjustment Group Code "PR" = Patient Responsibility) segment.
2310A	PRV	Attending Provider Specialty Information		When the Attending Provider's National Provider Identifier (NPI) is associated with more than one IBX contracted specialty, the Provider Taxonomy Code correlating to the contracted specialty is required on all claims.

005010X223A2 Health Care Claim: Institutional				
Loop ID	Reference	Name	Codes	Notes/Comments
2310E	N3	Service Facility Location Address		When the 2310E Service Facility Location Name loop is sent, this N3 Location Address segment must be the physical location where the service was rendered. Post Office Box, Lockbox, or similar delivery points that cannot be the service location will not be accepted in this segment.
2310E	N4	Service Facility Location City/State/ZIP		
	N403	ZIP Code		The full 9 digits of the ZIP+4 Code are required. The last four digits cannot be all zeros.
2310F	NM1	Referring Provider Name		Referring Provider Name loop and segment limited to one per claim.
2320	CAS	Other Subscriber Information		IBX requires this information either at this 2320/CAS (claim level) or the 2430/CAS (service line) when the Loop 2000B/SBR01 is other than 'P'. *Note:* **For Medicare Part A:** Deductible (previously identified by Value Codes A1, B1, and C1) should be reported as follows in the 2320 loop: • CAS01 = "PR" (Patient Responsibility) • CAS02 = 1 (Deductible) **For Medicare Part A:** Coinsurance amounts (previously identified by Value Codes A2, B2, C2) use Value codes 09-11 (CAS Segment is not required). **For Medicare Part B:** Coinsurance amounts should be submitted at the 2430 loop. • CAS01 = "PR" (Patient Responsibility) • CAS02 = 2 (Coinsurance)

				005010X223A2 Health Care Claim: Institutional	
Loop ID	Reference	Name	Codes	Notes/Comments
	CAS01	Claim Adjustment Group Code	CO CR OA PI PR	**CO** (Contractual Obligations) **CR** (Corrections and Reversals) **OA** (Other Adjustments) **PI** (Payer Initiated Reductions) **PR** (Patient Responsibility)
	CAS02	Claim Adjustment Reason Code		Enter Adjustment Reason Code at the claim level.
2330B	NM1	Other Payer Name		
	NM109	Other Payer Primary Identifier		Until the National Health Plan ID is established, this NM109 data element will only be used to match to the corresponding information in the 2430 loop. Use a unique number that identifies the other payer in the submitter's system. If the submitter's system does not have a unique identifier for the other payer, a value can be assigned by the submitter that is unique for each other payer within this transaction.
2410	LIN	Drug Identification		IBX requires submission of Loop ID 2410 to specify billing/reporting for drugs provided that may be part of the service(s) described in SV1. Populate LIN01 with 'N4' and LIN02 with the National Drug Code (NDC).
2410	CPT	Pricing Information		IBX requires the submission of Loop ID 2410 and the provision of a price specific to the NDC provided in LIN03 that is different from the price reported in SV102.
	CPT04	Quantity		Enter National Drug Unit Count
	CPT05-1	Unit or Basis for Measurement	F2 GR ME ML UN	**F2** for International Unit **GR** for Gram **ME** for Milligram **ML** for Milliliter **UN** for Unit

005010X223A2 Health Care Claim: Institutional				
Loop ID	Reference	Name	Codes	Notes/Comments
2410	REF	Reference Identification		IBX requires the submission of Loop ID 2410 if dispensing of the drug has been done with an assigned Rx number.
	REF01	Reference Identification Qualifier	XZ	
	REF02	Reference Identification		Prescription Number

10.3 005010X214 Health Care Claim Acknowledgment (277CA)

Refer to Section 7.3 for IBX business rules and limitations for this specific transaction.

005010X214 Health Care Claim Acknowledgment				
Loop ID	Reference	Name	Codes	Notes/Comments
	GS	Functional Group Header		
	GS02	Application Sender's Code	54704 95056	This matches the ID in the GS03 of the claim transaction.
	GS03	Application Receiver's Code		This is the assigned Trading Partner Number for the entity receiving this transaction.
2100A	NM1	Information Source Name		
	NM109	Information Source Identifier	54704 95056	This matches the payer ID in the GS03 of the claim transaction.
2100B	NM1	Information Receiver Name		
	NM109	Information Receiver Identifier		This is the assigned Trading Partner Number for the entity that submitted the original 837 transaction.
2200B	STC	Information Receiver Status Information		Status at this level will always acknowledge receipt of the claim transaction by the payer. It does not mean all of the claims have been accepted for processing. We will not report rejected claims at this level.

Loop ID	Reference	Name	Codes	Notes/Comments
		005010X214 Health Care Claim Acknowledgment		
	STC01-1	Health Care Claim Status Category Code	A1	Default value for this status level.
	STC01-2	Health Care Claim Status Code	19	Default value for this status level.
	STC01-3	Entity Identifier Code	PR	Default value for this status level.
	STC03	Action Code	WQ	This element is set to WQ to represent Transaction Level acceptance. Claim specific rejections and acceptance will be reported in Loop 2200D.
	STC04	Total Submitted Charges		In most instances this is the sum of all claim dollars (CLM02) from the 837 being acknowledged. In instances where the claim dollars do not match, an exception process occurred. See Section 7.3 about the exception process.
2200C		Provider of Service Information Trace Identifier		The 2200C loop will not be used. Status or claim totals will not be provided at the provider level.
2200D	STC	Claim Level Status Information		Relational edits between claim and line level data will be reported at the service level.
	STC01-2	Health Care Claim Status Code	247	Health Care Claim Status Code '247 - Line Information' will be used at the claim level when the reason for the rejection is line specific.
2200D	DTP	Claim Level Service Date		
	DTP02	Date Time Period Format Qualifier	RD8	RD8 will always be used.
	DTP03	Claim Service Period		The earliest and latest service line dates will be used as the claim level range date for professional claims. When the service line is a single date of service, the same date will be used for the range date.

005010X214 Health Care Claim Acknowledgment				
Loop ID	Reference	Name	Codes	Notes/Comments
2220D	STC	Service Line Level Status Information		Relational edits between claim and line level data will be reported at the service level.
2220D	DTP	Service Line Date		
	DTP02	Date Time Period	RD8	RD8 is used.
	DTP03	Service Line Date		When the service line date is a single date of service, the same date will be used for the range date.

10.4 005010X221A1 Health Care Claim Payment/Advice (835)

Refer to Section 7.4 for IBX business rules and limitations.

005010X221A1 Health Care Claim Payment/Advice				
Loop ID	Reference	Name	Codes	Notes/Comments
	GS	Functional Group Header		
	GS02	Application Sender's Code	54704 95056	This will match the payer ID in the GS03 of the claim transaction.
	GS03	Application Receiver's Code		This will always be the assigned Trading Partner Number for the entity receiving this transaction.
	BPR	Financial Information		
	BPR01	Transaction Handling Code	I	The 837 contains the remittance details only. Payment is sent separately (EFT or check).
	BPR04	Payment Method Code	ACH or CHK	ACH is used when provider is set up for EFT. CHK is used when provider is set up to receive a check.
	REF	Receiver Identification		

		005010X221A1 Health Care Claim Payment/Advice		
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
	REF02	Receiver Identification		This will be the Trading Partner Number assigned by SDS's EDI Operations for transmission of Health Care Claim Payment/Advice (835) transactions.
1000A	REF	Additional Payer Identification		
	REF01	Reference Identification Qualifier	NF	This value will always be used.
	REF02	Payer Identification	54704 95056	IBX
1000B	REF	Payee Additional Identification		
	REF01	Payee Identification Qualifier	TJ	The Provider's Tax Identification Number will be sent when the Provider's NPI is sent in the 1000 Payee Identification in N104.
	REF02	Additional Payee Identifier		Additional Payee Number
2000	LX	Header Number		A number assigned for the purpose of identifying a sorted group of claims.
	LX01	Assigned Number	1	All claims except IBX Identified Overpayment reversal and correction claims where refund offset is delayed.
	LX01	Assigned Number	2	IBX Identified Overpayment reversal and correction claims where refund offset is delayed. Refer to Section 7.4 of this document for further information.
2100	CAS	Claim Adjustment		
	CAS01	Claim Adjustment Group Code	OA	**Health Care Spending Account use:** This Group Code will be used for all adjustment dollars that equal the difference between the provider's charge and the Patient Responsibility dollars being considered for reimbursement under the account.

Loop ID	Reference	Name	Codes	Notes/Comments
				005010X221A1 Health Care Claim Payment/Advice
	CAS02	Claim Adjustment Reason Code	23	**Health Care Spending Account use:** This Reason Code will be used for all adjustment dollars that equal the difference between the provider's charge and the Patient Responsibility dollars being considered for reimbursement under the account.
2100	NM1	Crossover Carrier Name		This segment will only be used to report a 'Blue on Blue' Coordination of Benefits coverage situation. In this situation, IBX indicates the claim has been processed by IBX and is being transferred to a second IBX coverage.
2100	NM1	Corrected Priority Payer Name		
	NM108	Identification Code Qualifier	PI	IBX uses this value.
	NM109	Identification Code		Other payer IDs are not currently retained therefore a default value of 99999 will be used in this element.
2100	REF	Other Claim Related Identification		
	REF01	Reference Identification Qualifier	CE	
	REF02	Other Claim Related Identifier		**Professional claims:** This value is used to provide the payer's Class of Contract Code and code description. **Institutional claims:** This value is used to provide the Reimbursement Method Code.
2110	SVC	Service Payment Information		

Loop ID	Reference	Name	Codes	Notes/Comments
		005010X221A1 Health Care Claim Payment/Advice		
	SVC01-2	Adjudicated Procedure Code		The applicable Unlisted Code will be returned in this data element when a paper professional or institutional claim was submitted without a valid procedure or revenue code: • 99199 - Unlisted HCPCS Procedure code (SVC01-1 qualifier is HC) • 0949 - Unlisted Revenue code (SVC01-1 qualifier is NU)
	PLB	Provider Adjustment		
	PLB01	Reference Identification		When the provider is a covered health care provider under HIPAA, the National Provider Identifier (NPI) assigned to the provider is required.
	PLB03-1 PLB05-1 PLB07-1 PLB09-1 PLB11-1 PLB13-1	Provider Adjustment Reason Code	CS	This value will be used for financial arrangement adjustments such as Bulk Adjustments, Cost Rate Adjustments, etc. Supporting identification information will be provided in the Reference Identification element.
	PLB03-1 PLB05-1 PLB07-1 PLB09-1 PLB11-1 PLB13-1	Provider Adjustment Reason Code	FB	This value will be used to reflect balance forward refund amounts between weekly Health Care Claim Payment/Advice (835) transactions. Refer to Section 7.4 for more information.
	PLB03-1 PLB05-1 PLB07-1 PLB09-1 PLB11-1 PLB13-1	Provider Adjustment Reason Code	L6	This value will be used to reflect the interest paid or refunded for penalties incurred as a result of legislated guidelines for timely claim processing. Refer to Section 7.4 of this document for more information on interest related to deferred refunds.
	PLB03-1 PLB05-1 PLB07-1 PLB09-1 PLB11-1 PLB13-1	Provider Adjustment Reason Code	WO	This value will be used for recouping claim overpayments and reporting offset dollar amounts. Refer to Section 7.4 for more information.

005010X221A1 Health Care Claim Payment/Advice				
Loop ID	Reference	Name	Codes	Notes/Comments
	PLB03-2 PLB05-2 PLB07-2 PLB09-2 PLB11-2 PLB13-2	Provider Adjustment Identifier		When the Provider Adjustment Reason Code is "FB" the Provider Adjustment Identifier will contain the applicable 835 Identifier as defined in the X12/005010X221A1 Health Care Claim Payment/Advice (835), Section 1.10.2.12 Balance Forward Processing.
	PLB03-2 PLB05-2 PLB07-2 PLB09-2 PLB11-2 PLB13-2	Provider Adjustment Identifier		When the Adjustment Reason Code is "WO," the Provider Adjustment Identifier will contain the IBX Claim Number for the claim associated to this refund recovery. For IBX identified overpayments, the claim number will be followed by the word "DEFER" (example: 06123456789DEFER) when the reversal and correction claims are shown on the current Health Care Claim Payment/Advice (835), but the refund amount will not be deducted until after the appeal period. Refer to Section 7.4 for more information on Claim Overpayment Refunds.

10.5 00501X279A1 Health Care Eligibility Benefit Inquiry and Response (270/271)

Refer to section 7.5 for IBX Business Rules and Limitations

Loop ID	Reference	Name	Codes	Notes/Comments
GS		Functional Group Header		
GS02		Application Sender's Code		The receiver's assigned Trading Partner Number will be used, with a prefix R indicating a request for a real-rime response. The submitted value must not include leading zeros.
GS03		Application Receiver's Code	54704	
BHT02		Transaction Set Purpose Code	01	IBX does not process this code if received.
2100A	NM1	Information Source Name		
	NM101	Entity Identifier Code	PR	Use this code to indicate that IBX is a payer.
	NM103	Information Source Last or Organization Name		The information in this element will not be captured and used in the processing.
	NM108	Identification Code Qualifier	NI	Use this code to indicate the NAIC value is being sent in NM109. Use with IBX requests.
	NM109	Information Source Primary Identifier	54704	IBX
2100B	NM1	Information Receiver Name		
	NM108	Identification Code Qualifier	XX PI	Provider Request Payer Request
	NM109	Identification Code		

005010X279A1 Health Care Eligibility Benefit Inquiry				
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
2100B	REF	Information Receiver Additional Identification		The information in this segment will not be captured and used in the processing.
2100B	N3	Information Receiver Address		The information in this segment will not be captured and used in the processing.
2100B	N4	Information Receiver City, State, Zip Code		The information in this segment will not be captured and used in the processing.
2100C	NM1	Subscriber Name		
	NM109	Subscriber Primary Identifier		Enter the full Unique Member ID including the prefix found on the Patient's current healthcare ID card. Example: QCB123456780001
2100C	REF	Subscriber Additional Identification		
	REF01	Reference Identification Qualifier	6P F6 SY	If group number (6P), MBID number (F6), or Social Security Number (SY) are known, they should be used to help IBX identify the patient. Do not use special characters such as dashes or spaces that may appear on the patient's health care ID card.
2100C	N3	Subscriber Address		The information in this segment will not be captured and used in the processing.
2100C	N4	Subscriber City, State, Zip Code		The information in this segment will not be captured and used in the processing.
2100C	HI	Subscriber Health Care Diagnosis Code		IBX does not process eligibility responses at the Diagnosis level. Do not send.

005010X279A1 Health Care Eligibility Benefit Inquiry				
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
2100C	DTP	Subscriber Date		
	DTP03	Date Time Period		IBX will respond to request for current eligibility and benefits and requests up to 30 days in the future. IBX will respond to date range requests with the current date eligibility and benefits.
2110C	EQ	Subscriber Eligibility or Benefit Inquiry		
	EQ01	Service Type Code		Enter code value
	EQ01	Service Type Code	35	IBX only provides coverage for medical services. IBX will respond to dental inquiries as covered or not covered. Detailed inquiries must be submitted to the member's dental plan.
	EQ01	Service Type Code	30	When this value is received on a 270 request, IBX will return eligibility for the following Service Type Codes: 1, 33, 35, 47,48, 50, 51, 52, 86, 88, 98, BZ, and MH.
	EQ01	Service Type Code		IBX does not support a 270 that includes multiple service types and will provide an eligibility response as if a Service Type Code 30 were received in EQ01.
	EQ02	Composite Medical Procedure Identifier		IBX does not process inquiries at the Procedure level and will provide an eligibility response as if a Service Type Code 30 were received in EQ01.

Loop ID	Reference	Name	Codes	Notes/Comments
		005010X279A1 Health Care Eligibility Benefit Inquiry		
	EQ03	Coverage Level Code	FAM	IBX does not process inquiries at the contract, or family, level. The 271 response will include only the specified member eligibility information.
2110C	III	Subscriber Eligibility or Benefit Additional Inquiry Information		IBX does not consider the information in the III segment for processing.
2110C	DTP	Subscriber Eligibility/Benefit Date		
	DTP03	Date Time Period		IBX will respond to request for current eligibility and benefits and requests up to 30 days in the future. IBX will respond to date range requests with the current date eligibility and benefits.
2100D	REF	Dependent Additional Identification		
	REF01	Reference Identification Qualifier	6P F6 SY	If group number (6P), HIC number (F6), or Social Security Number (SY) are known, they should be used to help IBX identify the patient. Do not use special characters such as dashes or spaces that may appear on the patient's health care ID card.
2100D	N3	Dependent Address		The information in this segment will not be captured and used in the processing.
2100D	N4	Dependent City, State, Zip Code		The information in this segment will not be captured and used in the processing.
2100C	HI	Dependent Health Care Diagnosis Code		IBX does not process eligibility responses at the diagnosis level. Do not send.
2100D	DTP	Dependent Date		

Loop ID	Reference	Name	Codes	Notes/Comments
005010X279A1 Health Care Eligibility Benefit Inquiry				
	DTP03	Date Time Period		IBX will respond to request for current eligibility and benefits and requests up to 30 days in the future. IBX will respond to date range requests with the current date eligibility and benefits.
2110D	EQ	Dependent Eligibility or Benefit Inquiry		
	EQ01	Service Type Code	35	IBX only provides coverage for medical services. IBX will respond to dental inquiries as covered or not covered. Detailed inquiries must be submitted to the member's dental plan.
	EQ01	Service Type Code	30	When this value is received on a 270 request, IBX will return eligibility for the following Service Type Codes: 1, 33, 35, 47, 48, 50, 51, 52, 86, 88, 98, BZ and MH.
	EQ01	Service Type Code		IBX does not support a 270 that includes multiple service types and will provide an eligibility response as if a Service Type Code 30 were received in EQ01.
	EQ02	Composite Medical Procedure Identifier		IBX does not process inquiries at the Procedure level and will provide an eligibility response as if a Service Type Code 30 were received in EQ01.
2110D	III	Dependent Eligibility or Benefit Additional Inquiry Information		IBX does not consider the information in the III segment for processing.
2110D	DTP	Dependent Eligibility/Benefit Date		
	DTP03	Date Time Period		IBX will respond to request for current eligibility and benefits and requests up to 30 days in the future. IBX will respond to date range requests with the current date eligibility and benefits.

Loop ID	Reference	Name	Codes	Notes/Comments
		005010X279A1 Health Care Eligibility Benefit Response		
	GS	Functional Group Header		
	GS02	Application Sender's Code	54704	This will match the payer ID in the GS03 of the 270 transaction.
	GS03	Application Receiver's Code		The receiver's assigned Trading Partner Number will be used, with a prefix R indicating a real-time response.
2100C	NM1	Subscriber Name		
	NM103	Subscriber Last Name		IBX will return up to 60 characters on the 270 Inquiry.
	NM104	Subscriber First Name		IBX will return up to 35 characters on the 270 Inquiry.
	NM108	Identification Code Qualifier	MI	This is the only qualifier IBX will return on the 271 Response.

		005010X279A1 Health Care Eligibility Benefit Response		
Loop ID	**Reference**	**Name**	**Codes**	**Notes/Comments**
	NM109	Subscriber Primary Identifier		If a contract ID that is not a Member ID is submitted, IBX will return the corrected UMI in this element. The submitted ID will be returned in a REF segment with a Q4 qualifier. If the submitted identifier is incorrect but the member can be identified using other information, then the correct identifier will be retuned in this element and the original submitted ID will be returned in the REF segment with a Q4 qualifier.
	EB03	Service Type Code		IBX will return this as a repeating element when applicable.
2110C	DTP	Subscriber Eligibility/Benefit Date		
2110C	MSG	Message Text		
2100D	NM1	Dependent Name		
	NM103	Dependent Last Name		IBX will return up to 60 characters on the 270 Inquiry.
	NM104	Dependent First Name		IBX will return up to 35 characters on the 270 Inquiry.
2110D	EB	Dependent Eligibility or Benefit Information		
	EB03	Service Type Code		IBX will return this as a repeating element when applicable.
2110D	DTP	Dependent Eligibility/Benefit Date		
2110D	MSG	Message Text		

10.6 005010X231A1 Implementation Acknowledgment for Health Care Insurance (999)

Refer to Section 7.6 for IBX business rules and limitations.

005010X231A1 Implementation Acknowledgment For Health Care Insurance				
Loop ID	Reference	Name	Codes	Notes/Comments
2100	CTX	Segment Context		For IBX, SDS has implemented levels 1 through 4 edits only. This CTX segment will not be used at this time.
2100	CTX	Business Unit Identifier		For IBX, SDS has implemented levels 1 through 4 edits only. This CTX segment will not be used at this time.
2110	IK4	Implementation Data Element Note		
	IK404	Copy of Bad Data Element		The 005010 version of the 999 transaction does not support codes for errors in the GS segment; therefore, when there are errors in the submitted GS, "TRADING PARTNER PROFILE" will be placed in this element to indicate that one or more invalid values were submitted in the GS.
2110	CTX	Element Context		For IBX, SDS has implemented levels 1 through 4 edits only. This CTX segment will not be used at this time.

Appendices

1. Implementation Checklist

IBX does not have an Implementation Checklist.

2. Business Scenarios

No business scenarios at this time.

3. Transmission Examples

No examples at this time.

4. Frequently Asked Questions

No FAQs at this time.

5. Change Summary

The items listed in the chart below were revised from the May 2023 version to this February 2025 version of this Companion Guide.

Page(s)	Section	Description
All	All	Updated references of Independence to IBX.
34, 39, 41, 43, 49	Sections 10.1 and 10.2	Updated language for required taxonomy codes.