BlueCross BlueShield of South Carolina EDI Gateway Technical Communications User's Manual

Version 20.0

BlueCross BlueShield of South Carolina and
BlueChoice® HealthPlan of South Carolina

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Disclaimer

We publish this manual for informational use only. We periodically make changes to the information in this manual. We will incorporate these changes in new editions of this publication. EDI Gateway may make improvements and/or changes to this publication at any time.

Revision Log

We have recorded revision numbers, version numbers, dates and brief descriptions of the purpose for revision. Following a thorough review of any new version of this document, please discontinue use of prior versions.

	13.2	May-13	Updated mailing address for prospective PGBA LLC trading partners. Added field in VPN Information portion of SFTP/VPN Customer Connectivity Parameter Survey.
2	14.0	Aug-14	Updated PGBA logo. Updated connectivity options table to include HTTPS for ASC X12N 835. Updated dial-up screens. Added HTTPS protocol selection to enrollment form. Added a note stating dial-up interface is not an available connectivity option for new trading partners, and removed dial-up options from enrollment form.
3	16.0	Apr-16	Removed all dial-up connectivity related verbiage. Removed PGBA Humana Veteran Healthcare Services from payer list. Updated BlueCross BlueShield of South Carolina mailing address. Added 2048 Bit to SFTP / VPN requirements.
4	17.0	Sep-17	Additional information for SFTP setup connectivity. Created separate SFTP and SFTP/VPN Connectivity Survey for PGBA, LLC. Updated Concentrator IP on "PGBA, LLC TCPIP via VPN Customer Connectivity Parameter Survey." Updated email address to EDIG.OPS@PalmettoGBAServices.com,
5	18	Apr - 18	Updated PGBA website from 'www.myTricare.com' to 'www.tricare-west.com'. Change logo from BlueCross BlueShield of South Carolina to the combination BlueCross BlueShield of South Carolina and BlueChoice® HealthPlan
6	19	May - 19	Updated 'About Us/Introduction'. Updated 'Trading Partner Onboarding', adding the need to provide appropriate public key. 'Additional information for Enrollment Testing Procedures'. Added 'with the exception of 270 transactions'. Updated 'Secure File Transfer Protocol (SFTP)' to remove specific vendors. Updated 'Choosing SFTP Client' to remove PGP encryption non-support. Updated 'Testing Network Connectivity Via Telnet'. Changed VShell response from _4_0_1_478 to _X_X_X_XXX. Updated 'Configuration of SFTP Client'. Revised paragraph 3 and added paragraph four to include Configure the client to use PGP Encryption. Removed paragraph 5 from Additional Information for Trading Partners. Removed 's from contact information on Connectivity Parameter Surveys.
7	20.0	June - 2021	Added interoperability data and endpoint urls.

Please Note: The BlueCross BlueShield of South CarolinaEDI Gateway Technical Communications User's Manual is subject to change as we continue to improve the customers experience. This manual is available online at www.HIPAACriticalCenter.com and www.tricare-west.com.If you have any questions concerning with this manual, please contact EDIG.OPS@PalmettoGBAServices.com.

Table of Contents

About Us/Introduction

Welcome to the BlueCross BlueShield of South Carolina EDI Gateway. This document gives instructions for submitting electronic transmissions to the BlueCross BlueShield of South Carolina commercial and PGBA, LLC lines of business. It includes information about our trading partner onboarding process, connectivity options and transaction processing.

BlueCross BlueShield of South Carolina EDI Gateway processes electronic transactions for these companies:

Health Care Payers
BlueCross BlueShield of South Carolina
BlueChoice® HealthPlan
PGBA, LLC (TRICARE, Federal Bureau of Prisons, North Carolina Department of Public Safety)

Third Party Administrators
Carolina Benefit Administrators Employee
Benefit Administrators
Planned Administrators, Incorporated (PAI)
Thomas H. Cooper & Company

Companion Companies
Companion Life Insurance Company
Non-medical insurance products are offered by Companion Life. Because Companion Life is a separate company from BlueCross BlueShield of South Carolina, Companion Life is responsible for all services related to their products.

BlueCross BlueShield of South Carolina EDI Gateway's production environment is accessible 24 hours a day, seven days a week, with the exception of weekly maintenance performed Sundays between 3 p.m. and 10 p.m. ET.

BlueCross BlueShield of South Carolina EDI Gateway's test environment is accessible Monday through Saturday from 5 a.m. to 10 p.m. ET.

We send notifications of BlueCross BlueShield of South Carolina EDI Gateway outages to trading partners via email. We generally send notifications of scheduled outages with two days prior notice. We send notifications of unscheduled outages as quickly as the outage is confirmed. Please notify us promptly of any changes to the *Primary Business Contact Information* or *Primary Technical Contact Information*.

Please call the BlueCross BlueShield of South Carolina Technology Support Center at 803-736-5980 or 800-868-2505 to ask questions and report problems.

Additional information is available online at www.SouthCarolinaBlues.com for BlueCross BlueShield of South Carolina commercial lines of business and www.tricare-west.com for PGBA, LLC TRICARE.

Trading Partner Onboarding

Onboarding with the BlueCross BlueShield of South Carolina EDI Gateway requires prospective trading partners to complete and submit both the BlueCross BlueShield of South Carolina EDI Gateway Trading Partner Enrollment Form and the Trading Partner Agreement.

The purpose of the BlueCross BlueShield of South Carolina EDI Gateway Trading Partner Enrollment Form is to enroll providers, software vendors, clearinghouses and billing services as trading partners and recipients of electronic data. It is important for the trading partner to follow these instructions and complete all the required information. The enrollment form is in the appendix of this manual and is also available from the HIPAA Critical Center. The trading partner should complete enrollment forms and submit them via email to EDIG.OPS@PalmettoGBAServices.com.

The Trading Partner Agreement is a legal document. The trading partner can find the BlueCross BlueShield of South CarolinaTrading Partner Agreement and instructions at the HIPAA Critical Center. The trading partner can find the PGBA, LLC Trading Partner Agreement and instructions on www.tricare-west.com in the Electronic Claims Filing section.

This table will help trading partners complete the enrollment form.

Form Field Name	Instructions for Field Completion	Req.
Date	Enter today's date.	1 2 3
Action Requested:	Indicate the action to be taken on the enrollment form. Note: Depending on the requested action, different fields of this form are required. These are in the column at right.	
New Trading Partner ID	1. To apply for a new Trading Partner ID, check **New Trading Partner ID.**	1
Change	2. To change Trading Partner information, check **Change.**	2
Cancel	3. To cancel the existing enrollment, check **Cancel**.	3
Trading Partner Name	Enter the name of trading partner with BlueCross BlueShield of South Carolina EDI Gateway.	1 2 3
Trading Partner ID	Enter BlueCross BlueShield of South Carolina EDI Gateway assigned Trading Partner ID.	2 3
Type of Business	Select the type of primary business the trading partner conducts. If "Other" is checked, indicate the type of business on the line provided.	1
Line of Business	Check one box per enrollment form indicating if transactions are BlueCross BlueShield of South Carolina Commercial or PGBA, LLC.	1
Start Date	Indicate, in mm/dd/ccyy format, the date the trading partner plans to begin transaction testing with BlueCross BlueShield of South Carolina EDI Gateway.	1
End Date	If using this form to cancel an account, indicate, in mm/dd/ccyy format, the date the trading partner intends to terminate the trading partner account.	3

Form Field Name	Instructions for Field Completion	Req.
Protocol	Check the preferred communication method: Select SecureFTP or SFTP/VPN, complete and return the "BlueCross BlueShield of South CarolinaCommercial SFTP, SFTP/VPN Customer Connectivity Parameter Survey" and/or the "PGBA, LLC SFTP, SFTP/VPN Customer Connectivity Parameter Survey." In addition, you must also provide the appropriate public key. Select VPN or TCPIP via VPN, complete and return the "BlueCross BlueShield of South CarolinaCommercial TCPIP via VPN Customer Connectivity Parameter Survey" and/or the "PGBA, LLC TCPIP via VPN Customer Connectivity Parameter Survey." Select NDM, complete the "BlueCross BlueShield of South CarolinaCommercial NDM Customer Connectivity Parameter Survey" and/or the "PGBA, LLC NDM Customer Connectivity Parameter Survey." ***Note : All Customer Connectivity Parameter Survey forms are in the Appendix of this manual. Please complete and return the form to EDIG.SUPPORT@PalmettoGBAServices.com.***	1
Physical Address	Enter the trading partner's complete address (including street, city, state and zip). This address must be the physical address for your business.	1 2
Mailing Address	If different from the physical address, enter the trading partner's billing (or mailing) address (including street, city, state and zip).	1 2
Primary Business Contact's Information	This is the person BlueCross BlueShield of South Carolina EDI Gateway will contact with questions about the account.	1 2
Primary Technical Contact's Information	This is the person BlueCross BlueShield of South Carolina EDI Gateway will contact with technical questions related to this account.	1 2
After Hours Technical Contact's Information	This is the person BlueCross BlueShield of South Carolina EDI Gateway will contact with technical questions or problems related to this account after normal business hours.	1 2
Transaction Requested	Check the appropriate box(es) as to the transaction(s) the trading partner will be submitting to the BlueCross BlueShield of South Carolina EDI Gateway.	1

Enrollment Testing Procedures

There are fewer problems with trading partner exchange of electronic transactions in the production environment when testing is included in the onboarding process. BlueCross BlueShield of South Carolina and PGBA TRICARE EDI Gateway requires trading partners to test 834 and 837 transactions for every payer prior to approval for production status. This testing includes: connectivity, ASC X12 TR3 edits and payer edits (when available in the test environment).

These steps are followed for each different transaction type that a trading partner is approved to submit to BlueCross BlueShield of South Carolina EDI Gateway:

Test Plan	BlueCross BlueShield of South Carolina EDI Gateway and the trading partner will agree to a predefined set of test data with expected results. The matrix will vary by transaction and trading partner. Also, we will develop a plan for a test-to-production transition that considers volume testing and transaction acceptance ratios.
Connectivity	BlueCross BlueShield of South Carolina EDI Gateway supports connectivity protocols in the "Connectivity" topic in this section. This first level of testing is complete when the trading partner has successfully sent to and received from BlueCross BlueShield of South Carolina EDI Gateway a test file via one of the BlueCross BlueShield of South Carolina EDI Gateway supported connectivity protocols.
Security	BlueCross BlueShield of South Carolina EDI Gateway will validate the approved trading partner's submissions per the enrollment form received allowed per the BlueCross BlueShield of South Carolina EDI Gateway profiles.
Data Integrity	When HIPAA ASC X12 transactions are transmitted, data integrity is determined by ASC X12 TR3 edits results performed by BlueCross BlueShield of South Carolina EDI Gateway's TR3 editor. Production status may not occur until a trading partner's data receives no TR3 edit errors. BlueCross BlueShield of South Carolina EDI Gateway expects there may be an occasional situation in which a trading partner's TR3 edit interpretation differs from BlueCross BlueShield of South Carolina EDI Gateway interpretation. BlueCross BlueShield of South Carolina EDI Gateway will work with the trading partner to resolve such differences on an individual basis. BlueCross BlueShield of South Carolina EDI Gateway returns transmission acknowledgment(s) and edit result response transaction(s) from this process. The trading partner should correct the submitted transaction(s) reported as errors and resubmit.
Acknowledgment/ Response Transactions	Trading partner must demonstrate the ability to receive acknowledgments and response transactions (beginning on page 20) from BlueCross BlueShield of South Carolina EDI Gateway. BlueCross BlueShield of South Carolina EDI Gateway expects the trading partner will also implement balancing and reconciliation processes along with reporting any discrepancies to BlueCross BlueShield of South Carolina EDI Gateway immediately.
Results Analysis	BlueCross BlueShield of South Carolina EDI Gateway and the trading partner will review acknowledgment and response transactions for consistency with the predefined expected results.

Payer Testing

Depending on the line of business and transaction, the payer may require additional testing. If so, BlueCross BlueShield of South Carolina EDI Gateway will inform the trading partner when test plans are discussed.

Transition from Test to Production Status

When test results have satisfied the test plan and the Trading Partner Agreement has been executed, we will change the trading partner's submission status from test to production. At that time, the trading partner can begin to send production transaction data to BlueCross BlueShield of South Carolina EDI Gateway.

Connectivity

Trading partners can choose to connect with the BlueCross BlueShield of South Carolina EDI Gateway via secure high-speed data transfer, IP access or web service.

Secure high-speed data transfer:

- SFTP (Secure FTP)
- SFTP/VPN
- NDM (Connect: Direct Network Data Mover)
- TCP/IP
- HTTPS SOAP+WSDL and MIME Multipart

This table lists protocol and transfer methods for each connectivity option:

Connectivity	Protocol	Transfer Method
SFTP	SSH2	SFTP (software negotiates encryption, such as DES, 3DES and CAST-128)
SFTP/VPN	SFTP/VPN	SFTP/VPN
NDM	IP	NDM Proprietary
TCP/IP	TCP/IP	Proprietary IP connection via VPN or AGNS
HTTPS	HTTPS SOAP+WSDL and MIME Multipart	SOAP+WSDL and MIME Multipart

This table lists connectivity options available for certain transactions:

Transaction	Available Connectivity Types
ASC X12N 270	SFTP, NDM, SFTP/VPN, TCP/IP and HTTPS
ASC X12N 276	SFTP, NDM, SFTP/VPN, TCP/IP and HTTPS
ASC X12N 278	SFTP, NDM and SFTP/VPN
ASC X12 820	SFTP and SFTP/VPN
ASC X12N 834	SFTP, NDM and SFTP/VPN
ASC X12N 835	SFTP, NDM, SFTP/VPN and HTTPS
ASC X12N 837	SFTP, NDM and SFTP/VPN

List Files in the Folder for ASC X12 Transactions

All files in your folder are presented in a similar format: the eight-byte download file name with a three-byte extension, followed by a file description. This table shows examples and explanations of files that you can download:

*	Type			Sequence Number					.	Type			.	File Description															
														PTU	Date				Original ISA Control Number									Trans No.	
POS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Sample Set 1**	X	1	2	0	0	0	0	1	.	X	1	2	.	P	0	1	2	5	I	S	A	C	T	R	L	0	1	0	0	0
	X	1	2	0	0	0	0	2	.	X	1	2	.	P	0	1	2	5	I	S	A	C	T	R	L	0	1	0	0	0
	R	S	P	0	0	0	0	3	.	R	S	P	.	P	0	1	2	5	I	S	A	C	T	R	L	0	1	0	0	0
	R	P	T	0	0	0	0	4	.	R	P	T	.	P	0	1	2	5	I	S	A	C	T	R	L	0	1	0	0	0
2	I	N	V	0	0	0	0	1	.	I	N	V	.	U	0	1	2	5												
3	X	1	2	0	0	0	0	1	.	X	1	2	.	P	0	1	2	5	I	S	A	C	T	R	L	0	1	0	0	0
	X	1	2	0	0	0	0	2	.	X	1	2	.	P	0	1	2	5	I	S	A	C	T	R	L	0	1	0	0	0
4	M	S	G	0	0	0	0	1	.	M	S	G	.	U																
5	X	1	2	0	0	0	0	1	.	X	1	2	.	B	C	B	S	S	C											

This information describes the file segments:

Segment	Position	Description
Type	1–3	File types are identified using these three-byte segments: RSP - EDI Gateway proprietary claim responses RPT - EDI Gateway proprietary claim reports INV - Invalid file response MSG - Informational messages X12 - ASC X12 responses (TA1, 999)
Sequence Number	4–8	BlueCross BlueShield of South Carolina EDI Gateway - Generated sequential number for each file sent to a folder
.	9	Period
Type	10–12	Three-byte extension: RSP - EDI Gateway proprietary claim responses RPT - EDI Gateway proprietary claim reports INV - Invalid file response MSG - Informational messages X12 - ASC X12 responses (TA1, 999)
.	13	Period
File Description	14–32	Identifies file's content:
	14	PTU Production (P), Test (T) or Unknown Indicator (U) Payer Name for Remittance Advice files (ASC X12 835s)
	15–18	Date the input file was received, MMDD format
	19–27	Original ISA Control Number: The ISA Control Number of the first interchange group in the file
	28–30	Not used

Sample Set 1: Example of 837 claim response, report and acknowledgment files. In this example, the first production file is an 837 sent January 25, 2016 with one ISA/IEA. The file contained 235 claims and the ISA control number is ISACTRL01. Example 1 is the file name containing ASC X12 TA1, example 2 is the file name containing ASC X12 999 returned to the trading partner, example 3 is the file name containing BlueCross BlueShield of South Carolina EDI Gateway proprietary claim response records and example 4 is the file name containing BlueCross BlueShield of South Carolina EDI Gateway proprietary claim reports.

Sample Set 2: In this example, the file received was an invalid file (a possible read error). The file would contain a text message that describes the error, shown in the Response Example here.

Sample Set 3: If the file received has ASC X12 TR3 edit errors, two files will be returned to the trading partner containing the ASC X12 TA1 and 999, respectively.

Sample Set 4: This is a file name when the file's content is an informational message.

Sample Set 5: If the file returned to the trading partner is an ASC X12N 835 transaction, the file description field will have the payer's name (Example: "BlueCross BlueShield of South Carolina" for BlueCross BlueShield of South Carolina commercial remittance advice files).

Secure File Transfer Protocol (SFTP)

Trading partners choosing this option to connect through a firewall that is a Windows server on the BlueCross BlueShield of South Carolina network. This server can be accessed via the internet. Additional authentication is done through the use of a unique login ID and public key file. When this authentication is complete, the trading partner can upload files into the designated inbound folder, and then the trading partner should query the outbound folder to retrieve acknowledgment and response files. When choosing this connectivity option, BlueCross BlueShield of South Carolina EDI Gateway will request additional information from the trading partner, such as source public IP address and public key.

Data in files submitted via SFTP communication method can either be segmented (one segment per line) with a valid non-special character delimiter or a 1000 byte wrapped EDI format with each ISA starting on a new line.

BlueCross BlueShield of South Carolina EDI Gateway may remove files from trading partner outbound folder that are older than 15 days for maintenance and security.

Our security guidelines require EDI activity for every account a minimum of once each calendar quarter. Please keep this in mind to maintain the your account's active status.

Choosing an SFTP Client

Trading Partner SFTP client needs to support:
SSH2 secure protocol
Public Key authentication (this is different than PGP)

SFTP clients each with its own particular configuration and system requirements imposed by its vendor. Vendors will need to be contacted for software support beyond what is articulated in this document.

Installing an SFTP Client

Install the SFTP client on the workstation(s) and/or server(s) that will connect to our SFTP server.

Notify us of your IP address(es) that will connect to our SFTP server by completing the SFTP Customer Connectivity Parameter Survey form and returning via email to EDIG.Support@PalmettoGBAServices.com. The IP address will be the IP address BlueCross BlueShield of South Carolina EDI Gateway will see coming over the internet. You may need to contact your network staff for this information.

Please notify us promptly of IP address changes (new and discontinued use).

Testing Network Connectivity via Telnet

To verify network connectivity from your location through our firewall to the SFTP server, open a command prompt

    (START -> RUN -> *type* CMD):
    Type 'telnet 208.60.144.253 22'

    A successful connection is indicated by the message **SSH-2.0-VShell_X_X_X_XXX VShell.** If this message is not received the connection probably failed.

Configuration of SFTP Client

Session Configuration

Create a new connection/session:
        Host name to connect to = **208.60.144.253**
        Port to connect to = **22** (SFTP port)
        If a Firewall option is listed, choose NONE

Authentication Configuration

1. Unselect ALL references to password authentication.
   Our SFTP server does not support password authentication. If the SFTP client attempts to connect with password authentication, an error will be received and will not successfully connect.

2. Once authenticated, a request will be received asking for a user ID. The trading partner will need to enter the 10-character trading partner id:
   For non-production, use the test trading partner id provided.
   For production, use the production trading partner id provided.

3. Configure the client to use **PUBLIC KEY** authentication. When creating a new public key the following settings are supported:

Public Key Algorithm	Minimum Length
DSA	2048
RSA	2048 or higher
ECDSA	256, 384, 521

4. Configure the client to use PGP encryption (if applicable).

        Provide PGP public key file
        Provide pharaphrase if applicable
        Indicate if the file(s) need to be ARMORED ,

5. Email the public key file as an attachment to BlueCross BlueShield of South Carolina EDI Gateway as a '.pub' file. The public key file provided will be uploaded to the BlueCross BlueShield of South Carolina EDI Gateway SFTP server. If the public key has changed, please notify BlueCross BlueShield of South Carolina EDI Gateway and provide the new public key file to avoid interruption in connectivity.

File Directory Path

Upload files for processing to the designated 'Inbound' folder.

Retrieve and download files from the designated 'Outbound' folder.

SFTP/VPN

Trading partners choosing this option will connect through a firewall to a Windows server on the BlueCross BlueShield of South Carolina network. This server can be accessed via the internet. A private key will be established and used to create a VPN tunnel between the trading partner and BlueCross BlueShield of South Carolina' servers. Additional authentication is done through the use of a unique login ID and password. When this authentication is complete, the trading partner can use FTP to submit or retrieve files to/from BlueCross BlueShield of South CarolinaEDI Gateway processes. Trading partner should query outbound directories to retrieve acknowledgment and response files. When choosing this connectivity option, EDI Gateway will request additional information from the trading partner, such as source VPN Concentrator IP, Host IP address, Encryption Type and Hash Method.

Data in files submitted via SFTP/VPN communication method can either be segmented (one segment per line) with a valid non-special character delimiter or a 1000 byte wrapped EDI format with each ISA starting in a new line.

BlueCross BlueShield of South Carolina EDI Gateway may remove files from trading partner outbound folder that are older than 15 days old for maintenance and security.

Connect Direct: NDM

Trading partners choosing this option will connect through AT&T's AGNS network to the BlueCross BlueShield of South Carolina eServer using Sterling Commerce Connect Direct software. The trading partner must acquire Connect Direct licensing directly from IBM. Authentication is done with use of a unique login ID and password. When this authentication is complete, the trading partner's processes can copy files to a BlueCross BlueShield of South Carolina eServer dataset. Acknowledgment and response files will be returned from the BlueCross BlueShield of South Carolina eServer to the trading partner.

Connect Direct is a product that moves all types of data. It manages high-performance transfers by providing user-friendly automation, checkpoint/restart error recovery and security. Connect Direct software offers choices in operating systems (UNIX, Windows, Z/OS).

Data in files submitted via NDM communication method can either be segmented (one segment per line) with a valid non-special character delimiter or a 1000 byte wrapped EDI format with each ISA starting in a new line.

Here are claims dataset naming conventions and attributes for ASC X12 transactions:

ASC X12 production dataset names should be BC.HEDI.NDM.INP.**TP-ID**, and a generation data group. **TP-ID** is an eight-character EDI Gateway assigned value associated with the EDI Gateway assigned trading partner ID.

BlueCross BlueShield of South CarolinaCommercial Example:
Trading Partner ID: **CGW0000SC0**; TP-ID: **C0000SC0**

PGBA TRICARE Example:
Trading Partner ID: **7GW0000SC0**; TP-ID: **S0000SC0**

ASC X12 Dataset Attributes
    DISP: (NEW, CATLG, DELETE) UNIT:
            SYSDG
    SPACE: (CYL, (75,10), RLSE)
    DCB: (RECFM=FB, LRECL=1000, BLKSIZE=27000)

TCP/IP via VPN

Trading partners choosing this method will connect through a VPN concentrator or AT&T's AGNS network to BlueCross BlueShield of South Carolina BlueShield of South Carolina's eServer. The trading partner will deploy an application (from its server) that will initiate a transaction via socket x to socket y on the BlueCross BlueShield of South Carolina eServer. This application must acquire the socket connection and send a HIPAA-compliant ASC X12 datastream preceded by a header. The ASC X12 transactions must be enveloped as single transactions, i.e., one ST/SE per GS/GE per ISA/IEA. The length of the ASC X12 transaction datastream cannot exceed 32K.

BlueCross BlueShield of South Carolina corporate policy requires all passwords to be changed every 30 days. As of June 1, 2011, all Real Time trading partners with non-expiring passwords must comply with this policy.

Here are our guidelines for your user ID and password:
    User IDs will be revoked when an incorrect password is entered three consecutive times.
    User IDs will be deleted when not used for 90 or more days.
    The password length must be eight characters and contain at least one alpha character, one numeric character and one of these special characters: @ # $.
    Previously used passwords will be stored to prevent reuse of previously used passwords for a minimum of 12 prior generations of the password.

Note: If the existing password gets revoked, trading partner must contact the BlueCross BlueShield of South Carolina Technology Support Center at 800-868-2505. Technology Support Center representative will require the four-digit PIN created during the setup process for verification before resetting the password.

HTTPS SOAP+WSDL and MIME Multipart

Trading partners choosing this method will connect through HTTPS SOAP+WSDL or MIME Multipart to the BlueCross BlueShield of South Carolina URL for web services. Authentication for HTTPS SOAP+WSDL is done through the use of a unique login ID and digital certificates used for the digital signature. Authentication for HTTPS MIME Multipart is done through the use of a unique login ID and a password. The trading partner will deploy an application (from its server) that will initiate a transaction via the web to the URL on the BlueCross BlueShield of South Carolina server.

Before accessing the application via SOAP+WSDL, new and existing trading partners must provide the digital certificate to BlueCross BlueShield of South Carolina EDI Gateway Operations via email to EDIG.Support@PalmettoGBAServices.com. The certificate will be verified and a process initiated to configure the trading partner access to the application. If the trading partner's digital certificate has not been approved and properly configured, connection to the application may be rejected.

Additional information can be found in the companion guides on the websites for each line of business.

Interoperability

Trading partners choosing this method will connect to the BlueCross BlueShield of South Carolina URL's provided below for Fast Healthcare Interoperability Resources (FHIR) Application Programming Interfaces (API) access. The trading partner's API application initiates a transaction via the web to the URL on the BlueCross BlueShield of South Carolina server.

Before accessing the BlueCross BlueShield of South Carolina URL API services trading partners must enroll their API application with BlueCross BlueShield of South Carolina to get an access token (OKTA ID). Enrollment is easy and is done through the BlueCross BlueCross BlueShield of South Carolina website.

Additional information can be found BlueCross BlueShield of South Carolina on the website at https://www.southcarolinablues.com/web/public/brands/interdev/developers/.

BlueCross BlueShield of South Carolina interoperability APIs are based on HL7 FHIR standards and the OAuth 2.0/Open ID connect standard for member authentication and authorization.

The following APIs are supported:

Patient Access API — Allows access to members' health care data, which includes claims, explanations of benefits, coverage information, encounter information and clinical information.
Provider Directory API — Facilitates search for BlueCross provider and pharmacy directories.

- https://fhir.bcbssc.com/r4/patientaccess
- https://fhir.bcbssc.com/r4/providerlisting
- https://fhir.bcbssc.com/r4/sandbox

ASC X12 Transactions

BlueCross BlueShield of South Carolina EDI Gateway processes these ASC X12 transactions mandated by HIPAA.

Transaction	Description
270	Health Care Eligibility and Benefit Inquiry
271	Health Care Eligibility and Benefit Response
276	Health Care Claim Status Request
277	Health Care Claim Status Response
278	Health Care Review Information
820	Payroll Deducted and Other Group Premium Payment for Insurance Products
834	Benefit Enrollment and Maintenance
835	Health Care Payment and Advice
837I	Institutional Health Care Claim
837D	Dental Health Care Claims
837P	Professional Health Care Claims

BlueCross BlueShield of South Carolina EDI Gateway Inbound Response Matrix

This table lists acknowledgment and response transactions returned to the trading partner when BlueCross BlueShield of South Carolina EDI Gateway receives HIPAA ASC X12 transactions.

Trans-action	Interchange Acknowledgement	TR3 Edit Results	Payer SIG Edit Results	Payer Appl. Edit Results
270*	TA1	999 is returned only to report errors.	271	271
270**	TA1	999†	271	271
276*	TA1	999 is returned only to report errors.	277	277
276**	TA1	999†	277	277
278*	TA1	999 is returned only to report errors.	278	278
278**	TA1	999†	278	278
820**	TA1	999	n/a	n/a
834	TA1	999†	n/a	n/a
837*	TA1	999 is returned only to report errors.	BlueCross BlueShield of South Carolina EDI Gateway propriety	BlueCross BlueShield of South Carolina EDI Gateway propriety
837**	TA1	999†	BlueCross BlueShield of South Carolina EDI Gateway propriety claim	BlueCross BlueShield of South Carolina EDI Gateway propriety claim

*Batch of one: The most simple, singular request contained in an ST/SE for a transaction set.

**Batch of many: All other data groupings.

†ASC X12 Technical Report 3 (also known as Implementation Guides) are available that include format specifications for each transaction. You may obtain these documents from the Washington Publishing Company (WPC) website: www.wpc-edi.com.

BlueCross BlueShield of South Carolina EDI Gateway Specifications for Enveloping ASC X12 Transactions

ASC X12 Inbound Transactions

This table lists envelope instructions for inbound (to BlueCross BlueShield of South Carolina EDI Gateway) HIPAA ASC X12 transactions.

Segment Identifier	Data Element	Description
ISA01	Authorization Info Qualifier	03
ISA02	Authorization Information	EDI Gateway assigned Trading Partner ID
ISA03	Security Information Qualifier	00
ISA04	Security Information	None
ISA05	Interchange ID Qualifier	01, 14, 20, 22, 27, 28, 29, 30, 33, ZZ (selected by trading partner)
ISA06	Interchange Sender ID	Assigned by trading partner
ISA07	Interchange ID Qualifier	30 (qualifier indicating U.S. Federal Tax Identification Number)
ISA08	Interchange Receiver ID	Destination Entity U.S. Federal Tax Identification Number*
ISA09	Interchange Date	Populated by trading partner
ISA10	Interchange Time	Populated by trading partner
ISA11	Repetition Separator	Assigned by trading partner
ISA12	Interchange Control Version Number	00501
ISA13	Interchange Control Number	Assigned by the trading partner (must be unique for 12 months)
ISA14	Acknowledgment Requested	Assigned by the trading partner
ISA15	Usage Indicator	P, T (production or test indicator)
ISA16	Component Element Separator	Assigned by trading partner
GS01	Functional Identifier Code	Populated by trading partner
GS02	Application Sender's Code	EDI Gateway assigned trading partner ID
GS03	Application Receiver's Code	Destination Entity U.S. Federal Tax Identification Number. Must be same as ISA08.*
GS04	Date	Populated by trading partner
GS05	Time	Populated by trading partner
GS06	Group Control Number	Assigned by trading partner (value must remain unique for one year)
GS07	Responsible Agency Code	X
GS08	Version/Release/Industry Identifier Code	Populated by trading partner

* Destination Entities

Entity	Federal TIN	Entity	Federal TIN
BlueCross BlueShield of South Carolina BlueShield of South Carolina	570287419	Thomas H. Cooper & Company	571032566
BlueChoice® HealthPlan	570768835	Planned Administrators, Incorporated	570718839
Carolina Benefit Administrators	571001631	PGBA TRICARE	571132733
Companion Life Insurance	570523959	PGBA Federal Bureau of Prisons	530205705
Employee Benefit Administrators	561939146	PGBA NC Department of Public Safety (NC DPS)	770674256

ASC X12 Outbound Transactions

This table lists envelope contents for outbound (from BlueCross BlueShield of South Carolina EDI Gateway) HIPAA ASC X12 transactions.

Segment Identifier	Data Element	Description
ISA01	Authorization Info Qualifier	00
ISA02	Authorization Information	Blanks
ISA03	Security Information Qualifier	00
ISA04	Security Information	Blanks
ISA05	Interchange ID Qualifier	30 (qualifier indicating U.S. Federal Tax Identification Number)
ISA06	Interchange Sender ID	Sending entity's U.S. Federal Tax Identification Number *
ISA07	Interchange ID Qualifier	If 271, 277 or 278 transaction, ISA07 will be the same value of the associated inbound 270, 276 or 278 ISA05. If 999, TA1 or EDI Gateway claim response, ISA07 will be the same value of the associated inbound transaction's ISA05. Otherwise value is ZZ.
ISA08	Interchange Receiver ID	If 271, 277 or 278 transaction, ISA08 will be the same value of the associated inbound 270, 276 or 278 ISA06. If 999, TA1 or EDI Gateway claim response, ISA08 will be the same value of the associated inbound transaction's ISA06. If above ISA07 is ZZ, value is EDI Gateway assigned Trading Partner ID.
ISA09	Interchange Date	Populated by EDI Gateway
ISA10	Interchange Time	Populated by EDI Gateway
ISA11	Repetition Separator	Populated by EDI Gateway
ISA12	Interchange Control Version Number	00501
ISA13	Interchange Control Number	Assigned by EDI Gateway
ISA14	Acknowledgment Requested	1
ISA15	Usage Indicator	P, T (production or test indicator)
ISA16	Component Element Separator	Populated by EDI Gateway
GS01	Functional Identifier Code	Populated by EDI Gateway
GS02	Application Sender's Code	Sending entity's U.S. Federal Tax Identification Number or another mutually agreed to sender identifying code*
GS03	Application Receiver's Code	If 271, 277 or 278 transaction, GS03 will be the same value of the associated inbound 270, 276 or 278 GS02. If 999, TA1 or EDI Gateway claim response, GS03 will be the same value of the associated inbound transaction's GS02. Otherwise, value is EDI Gateway assigned Trading Partner ID.
GS04	Date	Populated by EDI Gateway
GS05	Time	Populated by EDI Gateway
GS06	Group Control Number	Assigned by EDI Gateway
GS07	Responsible Agency Code	X
GS08	Version/Release/Industry Identifier Code	Populated by EDI Gateway

* Sending Entities

Entity	Federal TIN
BlueCross BlueShield of South Carolina BlueShield of South Carolina	570287419
BlueChoice HealthPlan	570768835
PGBA TRICARE	571132733

BlueCross BlueShield of South Carolina and BlueChoice HealthPlan are independent licensees of the Blue Cross and Blue Shield Association.

BlueCross BlueShield of South Carolina EDI Gateway Proprietary Claim Responses

When the trading partner submit electronic claims to the BlueCross BlueShield of South Carolina EDI Gateway, responses are generated to advise the status of the submission. All trading partners will receive the response file. It consists of one record for each claim processed by BlueCross BlueShield of South Carolina EDI Gateway. Also, some trading partners will receive two reports: the Claims Submission Summary Report and the Error Claim Summary Report. The Claims Submission Summary Report is a listing of claims received and any edit results. The Error Claims Summary Report identifies errors on rejected claims to facilitate the process for the trading partner to correct and resubmit.

Claim Response Layout – Professional

Data Element	Picture	Source	Description
MCN	PIC X(100)		
MCN-Data Redefines MCN			
PROCESSOR-ID	PIC X(09)	ISA08	Entity to whom EDI Gateway is routing the claim
ASC X12 TRANSACTION-ID	PIC X(04)	ST01	Transaction set control number, always 837
ASC X12 VERSION-NUMBER	PIC X(12)	GS08	Version release identification code
SUBMITTER-ID	PIC X(10)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
BILLING-PROVIDER-ID	PIC X(12)	Loop 2010AA-NM109	First 12 characters of billing provider's EIN or SSN
SUBSCRIBER-ID	PIC X(17)	Loop 2010BA-NM109	First 17 characters of subscriber's member identification number
PATIENT- CONTROL-NUMBER	PIC X(20)	Loop 2300-CLM01	Patient's account number
ENTRY-DATE	PIC X(08)		Date data retrieved from trading partner's mailbox
ENTRY-TIME	PIC X(08)		Time data retrieved from trading partner's mailbox
End of MCN-Data			
ACCEPT/REJECT-INDICATOR	PIC X(01)		Generated by EDI Gateway to indicate claim forwarded to processor (A) or rejected back to trading partner with errors (R)
TEST/PROD-INDICATOR	PIC X(01)	ISA15	Code to indicate production (P) or test (T) claim
GROUP- CONTROL-NUMBER	PIC X(09)	GS06	Group control number assigned by the trading partner
PROCESSOR-ASSIGNED-CLAIM-NUMBER	PIC X(20)		Available when provided by processor
FILLER-RESERVED	PIC X(20)		

Data Element	Picture	Source	Description
Reference/Trace-Number-Data Occurs 4 Times			
REFERENCE/TRACE-NBR-INDICATOR	PIC X(01)		
EDI GATEWAY-ASSIGNED-NBR	VALUE E		Assigned by EDI Gateway
SUBMITTER-ASSIGNED-NBR	VALUE S		Assigned by trading partner
RECEIVER-ASSIGNED-NBR	VALUE R		Assigned by third party process
REFERENCE/TRACE NUMBER	PIC X(30)	Loop 2300-REF02	Value-added network trace number assigned by sender (claim number)
Submitter-Data-Area Note: Submitter individual is used if loop 1000A-NM102 = 1 (person), submitter organization is used if loop 1000A-NM102 = 2 (non-person entity)			
Submitter-Individual			
SUBMITTER-ID	PIC X(25)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
SUBMITTER-LAST-NAME	PIC X(20)	Loop 1000A-NM103	Trading partner's last name
SUBMITTER-FIRST-NAME	PIC X(14)	Loop 1000A-NM104	Trading partner's first name
SUBMITTER-MIDDLE-INITIAL	PIC X(01)	Loop 1000A-NM105	Trading partner's middle initial
Submitter-Organization Redefines Submitter-Individual			
SUBMITTER-ID	PIC X(25)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
SUBMITTER-ORGANIZATION-NAME	PIC X(35)	Loop 1000A-NM103	Trading partner organization's name
Payer-Data-Area			
PAYER-ID-CODE	PIC X(25)	Loop 2010BB-NM109	Payer's identifier
PAYER-NAME	PIC X(35)	Loop 2010BB-NM103	Payer's name
Receiver-Data-Area			
RECEIVER-ID	PIC X(25)	Loop 1000B-NM109	Receiver's primary identifier
RECEIVER-NAME	PIC X(35)	Loop 1000B-NM103	Receiver's name
Billing-Provider-Data-Area Note: Billing Provider Individual is used if loop 2010AA-NM102 = 1			
Billing-Provider-Individual			
BILLING-PROVIDER-ID	PIC X(25)	Loop 2010AA-NM109	Billing provider's identifier
BILLING-PROVIDER-LAST-NAME	PIC X(20)	Loop 2010AA- NM103	Billing provider's last name
BILLING-PROVIDER-FIRST-NAME	PIC X(14)	Loop 2010AA-NM104	Billing provider's first name
BILLING-PROVIDER-MIDDLE-INITIAL	PIC X(01)	Loop 2010AA-NM105	Billing provider's middle initial

Data Element	Picture	Source	Description
Billing-Provider-Organization Redefines Billing-Provider-Individual			
BILLING-PROVIDER-ID	PIC X(25)	Loop 2010AA-NM109	Billing provider's identifier
BILLING-PROVIDER-NAME	PIC X(35)	Loop 2010AA-NM103	Billing provider organization's name
Pay-To-Provider-Data-Area Note: Pay To Provider Individual is used if loop 2010AB-NM102 = 1 (person), Pay To Provider Organization is used if loop 2010AB-NM102 = 2 (non-person entity)			
Pay-To-Provider-Individual			
PAY-TO-PROVIDER-NBR	PIC X(25)	Loop 2010AB-NM109	Pay-to provider's identifier
PAY-TO-PROVIDER-LAST-NAME	PIC X(20)	Loop 2010AB-NM103	Pay-to provider's last name
PAY-TO-PROVIDER-FIRST-NAME	PIC X(14)	Loop 2010AB-NM104	Pay-to provider's first name
PAY-TO-PROVIDER-MIDDLE-INITIAL	PIC X(01)	Loop 2010AB-NM105	Pay-to provider's middle initial
Pay-To-Provider-Organization Redefines Pay-To-Provider-Individual			
PAY-TO-PROVIDER-NBR	PIC X(25)	Loop 2010AB-NM109	Pay-to provider's identifier
PAY-TO-PROVIDER-NAME	PIC X(35)	Loop 2010AB-NM103	Pay-to provider organization's name
Rendering-Provider-Data-Area Note: Rendering Provider Individual is used if loop 2310B-NM102 = 1 (person), Rendering Provider Organization is used if loop 2310B-NM102 = 2 (non-person entity)			
Rendering-Provider-Individual			
RENDERING-PROVIDER- ID	PIC X(25)	Loop 2310B-NM109	Rendering provider's identifier
RENDERING-PROVIDER-LAST-NAME	PIC X(20)	Loop 2310B-NM103	Rendering provider's last name
RENDERING-PROVIDER-FIRST-NAME	PIC X(14)	Loop 2310B-NM104	Rendering provider's first name
RENDERING-PROVIDER-MIDDLE-INITIAL	PIC X(01)	Loop 2310B-NM105	Rendering provider's middle initial
Rendering-Provider-Organization Redefines Rendering-Provider-Individual			
RENDERING-PROVIDER-ID	PIC X(25)	Loop 2310B-NM109	Rendering provider's identifier
RENDERING-PROVIDER-NAME	PIC X(35)	Loop 2310B-NM103	Rendering provider organization's name

Data Element	Picture	Source	Description
Subscriber-Data-Area Note: Subscriber Individual is used if loop 2010BA-NM102 = 1 (person), Subscriber Organization is used if loop 2010BA-NM102 = 2 (non-person entity)			
Subscriber-Individual			
SUBSCRIBER-NUMBER	PIC X(25)	Loop 2010BA-NM109	Subscriber's primary identification number
SUBSCRIBER-ADDTL-NUMBER	PIC X(25)	Loop 2010BA-REF02	Subscriber's supplemental identifier
SUBSCRIBER-LAST-NAME	PIC X(20)	Loop 2010BA-NM103	Subscriber's last name
SUBSCRIBER-FIRST-NAME	PIC X(14)	Loop 2010BA-NM104	Subscriber's first name
SUBSCRIBER-MIDDLE- INITIAL	PIC X(01)	Loop 2010BA-NM105	Subscriber's middle initial
SUBSCRIBER-DATE-OF-BIRTH	PIC X(08)	Loop 2010BA-DMG02	Subscriber's birth date
FILLER	PIC X(20)		
Subscriber-Organization Redefines Subscriber-Individual			
SUBSCRIBER-NUMBER	PIC X(25)	Loop 2010BA-NM109	Subscriber's primary identification number
SUBSCRIBER-ADDTL-NUMBER	PIC X(25)	Loop 2010BA-REF02	Subscriber's supplemental identifier
SUBSCRIBER-ORGANIZATION-NAME	PIC X(35)	Loop 2010BA-NM103	Subscriber organization's name
FILLER	PIC X(28)		
Patient-Data-Area			
PATIENT-LAST-NAME	PIC X(20)	Loop 2010CA-NM103	Patient's last name
PATIENT-FIRST-NAME	PIC X(14)	Loop 2010CA-NM104	Patient's first name
PATIENT-MIDDLE-INITIAL	PIC X(01)	Loop 2010CA-NM105	Patient's middle initial
PATIENT-ID-NUMBER	PIC X(25)	Loop 2010CA-NM109	Patient's primary identification number
PATIENT-DATE-OF-BIRTH	PIC X(08)	Loop 2010CA-DMG02	Patient's birth date
PATIENT-BILL-TYPE	PIC X(03)	Loop 2300-CLM05	Facility code value (place of service)
SERVICE-FROM-DATE	PIC X(08)	Loop 2300-DTP03	Service from date
SERVICE-TO-DATE	PIC X(08)	Loop 2300-DTP03	Service to date
TOTAL-CHARGES	PIC 9(16)V99	Loop 2300-CLM02	Total claim charge amount
FILLER	PIC X(20)		

Data Element	Picture	Source	Description
Error-Claim-Message Occurs 8 Times Indexed By CLM-ERR-INDX			
SEGMENT-POSITION	PIC 9(10)		Segment position relative to ST
HL-ID	PIC X(12)	HL01	Hierarchical identification number
LOOP-IDENTIFIER	PIC X(06)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components
LOOP-REPEAT-IDENTIFIER	PIC X(04)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-IDENTIFIER	PIC X(04)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components.
SEGMENT-FIELD-IDENTIFIER	PIC X(06)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components.
SEGMENT-REPEAT-IDENTIFIER	PIC X(04)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components.
ERROR-CODE	PIC X(05)		
ERROR-CODE-SOURCE-IDENTIFIER	PIC X(01)		Valid values: S = SIG edit errors; P = Processor edit errors; E = EDI Gateway edit errors
ERROR-DESCRIPTION-VERBIAGE	PIC X(65)		
Accept-Claim-Message Redefines Error-Claim-Message			
ACCEPT-CLAIM-MESSAGE-LINE1	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE2	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE3	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE4	PIC X(100)		
FILLER	PIC X(536)		
End of Accept-Claim-Message			
FILLER	PIC X(187)		
RESPONSE-FORMAT-VERSION-CODE	PIC X(04)		EDI Gateway assigned; Value 0100 (01.00 Version 1)
End of Layout			

Claim Response Layout – Dental

Data Element	Picture	Source	Description
MCN	PIC X(100)		
MCN-Data Redefines MCN			
PROCESSOR-ID	PIC X(09)	ISA08	Entity to whom EDI Gateway is routing the claim
ASC X12 TRANSACTION-ID	PIC X(04)	ST01	Transaction set control number, always 837
ASC X12 VERSION-NUMBER	PIC X(12)	GS08	Version release identification code
SUBMITTER-ID	PIC X(10)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
BILLING-PROVIDER-ID	PIC X(12)	Loop 2010AA - NM109	First 12 characters of billing provider's EIN or SSN

SUBSCRIBER-ID	PIC X(17)	Loop 2010BA - NM109	First 17 characters of subscriber's member identification number
PATIENT-CONTROL-NUMBER	PIC X(20)	Loop 2300 - CLM01	Patient's account number
ENTRY-DATE	PIC X(08)		Date EDI Gateway retrieved data from trading partner's mailbox
ENTRY-TIME	PIC X(08)		Time EDI Gateway retrieved data from trading partner's mailbox
End of MCN-Data			
ACCEPT/REJECT-INDICATOR	PIC X(01)		Generated by EDI Gateway to indicate claim forwarded to processor (A) or rejected back to trading partner with errors (R)
TEST/PROD-INDICATOR	PIC X(01)	ISA15	Code to indicate production (P) or test (T) claim
GROUP-CONTROL-NUMBER	PIC X(09)	GS06	Group control number assigned by the trading partner
PROCESSOR-ASSIGNED-CLAIM-NUMBER	PIC X(20)		Available when provided by processor
FILLER-RESERVED	PIC X(20)		
Reference/Trace-Number Occurs 4 Times			
REFERENCE/TRACE-NBR-INDICATOR	PIC X(01)		
EDI GATEWAY-ASSIGNED-NBR	VALUE E		Assigned by EDI Gateway
SUBMITTER-ASSIGNED-NBR	VALUE S		Assigned by trading partner
RECEIVER-ASSIGNED-NBR	VALUE R		Assigned by third party process
REFERENCE/TRACE-NUMBER	PIC X(30)	Loop 2300-REF02	Value-added network trace number assigned by sender (claim number)

Data Element	Picture	Source	Description
Submitter-Data-Area Note: Submitter Individual is used if Loop 1000A-NM102 = 1 (person), Submitter Organization is used if Loop 1000A-NM102 = 2 (non-person entity)			
Submitter-Individual			
SUBMITTER-ID	PIC X(25)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
SUBMITTER-LAST-NAME	PIC X(20)	Loop 1000A-NM103	Trading partner's last name
SUBMITTER-FIRST-NAME	PIC X(14)	Loop 1000A-NM104	Trading partner's first name
SUBMITTER-MIDDLE-INITIAL	PIC X(01)	Loop 1000A-NM105	Trading partner's middle initial
Submitter-Organization Redefines Submitter-Individual			

SUBMITTER-ID	PIC X(25)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
SUBMITTER-ORGANIZATION-NAME	PIC X(35)	Loop 1000A-NM103	Trading partner organization's name
Payer-Data-Area			
PAYER-ID-CODE	PIC X(25)	Loop 2010BB-NM109	Payer's identifier
PAYER-NAME	PIC X(35)	Loop 2010BB-NM103	Payer's name
Receiver-Data-Area			
RECEIVER-ID	PIC X(25)	Loop 1000B-NM109	Receiver's primary identifier
RECEIVER-NAME	PIC X(35)	Loop 1000B-NM103	Receiver's name
Billing-Provider-Data-Area Note: Billing Provider Individual is used if Loop 2010AA-NM102 = 1			
Billing-Provider-Individual			
BILLING-PROVIDER-ID	PIC X(25)	Loop 2010AA-NM109	Billing provider's identifier
BILLING-PROVIDER-LAST-NAME	PIC X(20)	Loop 2010AA-NM103	Billing provider's last name
BILLING-PROVIDER-FIRST-NAME	PIC X(14)	Loop 2010AA-NM104	Billing provider's first name
BILLING-PROVIDER-MIDDLE-INITIAL	PIC X(01)	Loop 2010AA-NM105	Billing provider's middle initial
Billing-Provider-Organization Redefines Billing-Provider-Individual			
BILLING-PROVIDER-ID	PIC X(25)	Loop 2010AA-NM109	Billing provider's identifier
BILLING-PROVIDER-NAME	PIC X(35)	Loop 2010AA-NM103	Billing provider organization's name

Data Element	Picture	Source	Description
Pay-To-Provider-Data-Area Note: Pay-To-Provider-Individual is used if Loop 2010AB-NM102 = 1			
Pay-To-Provider-Individual			
PAY-TO-PROVIDER-NBR	PIC X(25)	Loop 2010AB-NM109	Pay-to provider's identifier
PAY-TO-PROVIDER-LAST-NAME	PIC X(20)	Loop 2010AB-NM103	Pay-to provider's last name
PAY-TO-PROVIDER-FIRST-NAME	PIC X(14)	Loop 2010AB-NM104	Pay-to provider's first name
PAY-TO-PROVIDER-MIDDLE-INITIAL	PIC X(01)	Loop 2010AB-NM105	Pay-to provider's middle initial
Pay-To-Provider-Organization Redefines Pay-To-Provider-Individual			
PAY-TO-PROVIDER-NBR	PIC X(25)	Loop 2010AB-NM109	Pay-to provider's identifier

Data Element	Picture	Source	Description
PAY-TO-PROVIDER-NAME	PIC X(35)	Loop 2010AB-NM103	Pay-to provider organization's name
Rendering-Provider-Data-Area Note: Rendering-Provider-Individual is used if Loop 2310B-NM102 = 1 (person), Rendering-Provider-Organization is used if Loop 23010B-NM102 = 2 (non-person entity)			
Rendering-Provider-Individual			
RENDERING-PROVIDER-ID	PIC X(25)	Loop 2310B-NM109	Rendering provider's identifier
RENDERING-PROVIDER-LAST-NAME	PIC X(20)	Loop 2310B-NM103	Rendering provider's last name
RENDERING-PROVIDER-FIRST-NAME	PIC X(14)	Loop 2310B-NM104	Rendering provider's first name
RENDERING-PROVIDER-MIDDLE-INITIAL	PIC X(01)	Loop 2310B-M105	Rendering provider's middle initial
Rendering-Provider-Organization Redefines Rendering-Provider-Individual			
RENDERING-PROVIDER- ID	PIC X(25)	Loop 2310B- NM109	Rendering provider's identifier
RENDERING-PROVIDER-NAME	PIC X(35)	Loop 2310B-NM103	Rendering provider organization's name
Subscriber-Data-Area Note: Subscriber Individual is used if Loop 2010BA-NM102 = 1 (person), Subscriber Organization is used if Loop 2010BA-NM102 = 2 (non-person entity)			
Subscriber-Individual			
SUBSCRIBER-NUMBER	PIC X(25)	Loop 2010BA-NM109	Subscriber's primary identification number
SUBSCRIBER-ADDTL-NUMBER	PIC X(25)	Loop 2010BA-REF02	Subscriber's supplemental identifier
SUBSCRIBER-LAST-NAME	PIC X(20)	Loop 2010BA-NM103	Subscriber's last name
SUBSCRIBER-FIRST-NAME	PIC X(14)	Loop 2010BA-NM104	Subscriber's first name
SUBSCRIBER-MIDDLE-INITIAL	PIC X(01)	Loop 2010BA-NM105	Subscriber's middle initial
SUBSCRIBER-DATE-OF-BIRTH	PIC X(08)	Loop 2010BA-DMG02	Subscriber's birth date
FILLER	PIC X(20)		

Data Element	Picture	Source	Description
Subscriber-Organization Redefines Subscriber-Individual			
SUBSCRIBER-NUMBER	PIC X(25)	Loop 2010BA-NM109	Subscriber's primary identification number
SUBSCRIBER-ADDTL-NUMBER	PIC X(25)	Loop 2010BA-REF02	Subscriber's supplemental identifier
SUBSCRIBER-ORGANIZATION-NAME	PIC X(35)	Loop 2010BA-NM103	Subscriber organization's name
FILLER	PIC X(28)		
Patient-Data-Area			
PATIENT-LAST-NAME	PIC X(20)	Loop 2010CA-NM103	Patient's last name
PATIENT-FIRST-NAME	PIC X(14)	Loop 2010CA-NM104	Patient's first name

BlueCross BlueShield of South Carolina EDI Gateway

Data Element	Picture	Source	Description
PATIENT-MIDDLE-INITIAL	PIC X(01)	Loop 2010CA-NM105	Patient's middle initial
PATIENT-ID-NUMBER	PIC X(25)	Loop 2010CA-NM109	Patient's primary identification number
PATIENT-DATE-OF-BIRTH	PIC X(08)	Loop 2010CA-DMG02	Patient's birth date
PATIENT-BILL-TYPE	PIC X(03)	Loop 2300-CLM05	Facility code value (place of service)
SERVICE-FROM-DATE	PIC X(08)	Loop 2300-DTP03	Service from date
SERVICE-TO-DATE	PIC X(08)	Loop 2300-DTP03	Service to date
TOTAL-CHARGES	PIC 9(16)V99	Loop 2300- CLM02	Total claim charge amount
FILLER	PIC X(20)		
Error-Claim-Message Occurs 8 Times Indexed By CLM-ERR-INDX.			
SEGMENT-POSITION	PIC 9(10)		Segment position relative to ST
HL-ID	PIC X(12)	HL01	Hierarchical identification
LOOP-IDENTIFIER	PIC X(06)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components
LOOP-REPEAT-IDENTIFIER	PIC X(04)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-IDENTIFIER	PIC X(04)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-FIELD-IDENTIFIER	PIC X(06)		Refer to ASC X12 837 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-REPEAT-IDENTIFIER	PIC X(04)		Refer to ASC X12 TR3 Appendix A for ASC X12 definitions of the transactions structural components
ERROR-CODE	PIC X(05)		
ERROR-CODE-IDENTIFIER	PIC X(01)		Valid values: S = SIG edit errors; P = Processor edit errors; E = EDIG edit errors
ERROR-DESCRIPTION-VERBIAGE	PIC X(65)		

Data Element	Picture	Source	Description
Accept-Claim-Message Redefines Error-Claim-Message			
ACCEPT-CLAIM-MESSAGE-LINE1	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE2	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE3	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE4	PIC X(100)		
FILLER	PIC X(536)		

End of Accept-Claim-Message			
FILLER	PIC X(187)		
RESPONSE FORMAT VERSION CODE	PIC X(04)		EDI Gateway assigned; Value 0100 (01.00 Version 1)
End of Layout			

Claim Response Layout – Institutional

Data Element	Picture	Source	Description
MCN	PIC X(100)		
MCN-Data Redefines MCN			
PROCESSOR-ID	PIC X(09)	ISA08	Entity to whom EDI Gateway is routing the claim
ASC X12 TRANSACTION-ID	PIC X(04)	ST01	Transaction set control number, always 837

BlueCross BlueShield of South Carolina EDI Gateway

Data Element	Picture	Source	Description
ASC X12 VERSION-NUMBER	PIC X(12)	GS08	Version release identification code
SUBMITTER-ID	PIC X(10)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
BILLING-PROVIDER-ID	PIC X(12)	Loop 2010AA-NM109	First 12 characters of billing provider's EIN or SSN
SUBSCRIBER-ID	PIC X(17)	Loop 2010BA-NM109	First 17 characters of subscriber's member identification number
PATIENT-CONTROL-NUMBER	PIC X(20)	Loop 2300- CLM01	Patient's account number
ENTRY-DATE	PIC X(08)		Date data retrieved from trading partner's mailbox
ENTRY-TIME	PIC X(08)		Time data retrieved from trading partner's mailbox
END of MCN-DATA			
ACCEPT/REJECT-INDICATOR	PIC X(01)		Generated by EDI Gateway to indicate claim forwarded to processor (A) or rejected back to trading partner with errors (R)
TEST/PROD-INDICATOR	PIC X(01)	ISA15	Code to indicate production (P) or test (T) claim
GROUP-CONTROL-NUMBER	PIC X(09)	GS06	Group control number assigned by the trading partner
PROCESSOR ASSIGNED-CLAIM-NUMBER	PIC X(20)		Available when provided by processor
FILLER-RESERVED	PIC X(20)		
Reference/Trace Number Occurs 4 Times			
REFERENCE/TRACE-NBR-INDICATOR	PIC X(01)		
EDI GATEWAY-ASSIGNED	VALUE E		Assigned by EDI Gateway
SUBMITTER-ASSIGNED	VALUE S		Assigned by trading partner
RECEIVER-ASSIGNED	VALUE R		Assigned by third party process
REFERENCE/TRACE-NBR	PIC X(30)	Loop 2300-REF02	Value-added network trace number assigned by sender (claim number)

Data Element	Picture	Source	Description
Submitter-Data-Area Note: Submitter Individual is used if Loop 1000A-NM102 = 1 (person), Submitter Organization is used if Loop 1000A-NM102 = 2 (non-person entity)			
Submitter-Individual			
SUBMITTER-ID	PIC X(25)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
SUBMITTER-LAST-NAME	PIC X(20)	Loop 1000A- NM103	Trading partner's last name
SUBMITTER-FIRST-NAME	PIC X(14)	Loop 1000A-NM104	Trading partner's first name

Data Element	Picture	Source	Description
SUBMITTER-MIDDLE-INITIAL	PIC X(01)	Loop 1000A-NM105	Trading partner's middle initial
Submitter-Organization Redefines Submitter-Individual			
SUBMITTER-ID	PIC X(25)	ISA02 (GS02)	Trading Partner ID assigned by EDI Gateway
SUBMITTER-ORGANIZATION-NAME	PIC X(35)	Loop 1000A-NM103	Trading partner organization's name
Payer-Data-Area			
PAYER-ID-CODE	PIC X(25)	Loop 2010BC-NM109	Payer's identifier
PAYER-NAME	PIC X(35)	Loop 2010BC-NM103	Payer's name
Receiver-Data-Area			
RECEIVER-ID	PIC X(25)	Loop 1000B- NM109	Receiver's primary identifier
RECEIVER-NAME	PIC X(35)	Loop 1000B-NM103	Receiver's name
Provider-Data-Area			
BILLING-PROVIDER-ID	PIC X(25)	Loop 2010AA-NM109	Billing provider's identifier
BILLING-PROVIDER-NAME	PIC X(35)	Loop 2010AA-NM103	Billing provider's name
PAY-TO-PROVIDER-NBR	PIC X(25)	Loop 2010AB-NM109	Pay-to provider's identifier
PAY-TO-PROVIDER-NAME	PIC X(35)	Loop 2010AB-NM103	Pay-to provider's name
FILLER	PIC X(60)		Not used
Subscriber-Data-Area Note: Subscriber Individual is used if Loop 2010BA-NM102 = 1 (person), Subscriber Organization is used if Loop 2010BA-NM102 = 2 (non-person entity)			
Subscriber-Individual			
SUBSCRIBER-NUMBER	PIC X(25)	Loop 2010BA-NM109	Subscriber's primary identification number
SUBSCRIBER-ADDTL-NBR	PIC X(25)	Loop 2010BA-REF02	Subscriber's supplemental identifier
SUBSCRIBER-LAST-NAME	PIC X(20)	Loop 2010BA-NM103	Subscriber's last name
SUBSCRIBER-FIRST-NAME	PIC X(14)	Loop 2010BA-NM104	Subscriber's first name
SUBSCRIBER-MIDDLE- INITIAL	PIC X(01)	Loop 2010BA-NM105	Subscriber's middle initial
SUBSCRIBER-DATE-OF-BIRTH	PIC X(08)	Loop 2010BA-DMG02	Subscriber's birth date
FILLER	PIC X(20)		

Data Element	Picture	Source	Description
Subscriber-Organization Redefines Subscriber-Individual			
SUBSCRIBER-NBR	PIC X(25)	Loop 2010BA-NM109	Subscriber's primary identification number
SUBSCRIBER-ADDTL-NBR	PIC X(25)	Loop 2010BA-REF02	Subscriber's supplemental identifier
SUBSCRIBER-ORGANIZATION-NAME	PIC X(35)	Loop 2010BA-NM103	Subscriber organization's name
FILLER	PIC X(28)		

Patient-Data-Area			
PATIENT-LAST-NAME	PIC X(20)	Loop 2010CA-NM103	Patient's last name
PATIENT-FIRST-NAME	PIC X(14)	Loop 2010CA-NM104	Patient's first name
PATIENT-MIDDLE-INITIAL	PIC X(01)	Loop 2010CA-NM105	Patient's middle initial
PATIENT-ID-NBR	PIC X(25)	Loop 2010CA-NM109	Patient's primary identification number
PATIENT-DATE-OF-BIRTH	PIC X(08)	Loop 2010CA-DMG02	Patient's birth date
PATIENT-BILL-TYPE	PIC X(03)	Loop 2300-CLM05	Facility type code
SERVICE-FROM-DATE	PIC X(08)	Loop 2400- DTP03	Service from date
SERVICE-TO-DATE	PIC X(08)	Loop 2400-DTP03	Service to date
TOTAL-CHARGES	PIC 9(16)V99	Loop 2300-CLM02	Total claim charge amount
FILLER	PIC X(20)		
Error-Claim-Message Occurs 8 Times Indexed by CLM-ERR-INDX			
SEGMENT-POSITION	PIC 9(10)		Segment position relative to ST
HL-ID	PIC X(12)	HL01	Hierarchical identification number
LOOP-IDENTIFIER	PIC X(06)		Refer to ASC X12 TR3 Appendix A for ASC X12 definitions of the transactions structural components
LOOP-REPEAT-IDENTIFIER	PIC X(04)		Refer to ASC X12 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-IDENTIFIER	PIC X(04)		Refer to ASC X12 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-FIELD-IDENTIFIER	PIC X(06)		Refer to ASC X12 TR3 Appendix A for ASC X12 definitions of the transactions structural components
SEGMENT-REPEAT-IDENTIFIER	PIC X(04)		Refer to ASC X12 TR3 Appendix A for ASC X12 definitions of the transactions structural components
ERROR-CODE-SOURCE-IDENTIFIER	PIC X(01)		Valid values: S = SIG edit errors; P = Processor edit errors; E = EDI Gateway edit errors
ERROR-DESCRIPTION-VERBIAGE	PIC X(65)		

Data Element	Picture	Source	Description
Accept-Claim-Message Redefines Error-Claim-Message			
ACCEPT-CLAIM-MESSAGE-LINE1	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE2	PIC X(100)		
ACCEPT-CLAIM-MESSAGE-LINE3	PIC X(100)		

ACCEPT-CLAIM-MESSAGE-LINE4	PIC X(100)		
FILLER	PIC X(536)		
END of Accept-Claim-Message			
FILLER	PIC X(187)		
RESPONSE FORMAT VERSION CODE	PIC X(04)		EDI Gateway assigned; Value 0100 (01.00 Version 1)
End of Layout			

Claim Submission Summary Report

The Claims Submission Summary Report shows all claims received from a trading partner and whether they were accepted or rejected. This report may contain multiple pages. The table following the sample report includes a line-by-line description of the data items in the report.

```
MM/DD/CCYY  BCBSSC EDI GATEWAY                                          PAGE :   N
HH:MM:SS       COLUMBIA, SC  29219            CLAIMS SUBMISSION SUMMARY          CYCLE : DAILY

PROCESS DATE            : mm/dd/ccyy                                    STATUS:  XXXX
SUBMITTER ID            : XXXXXXXXX,XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
GROUP CONTROL NBR       : NNNNNNNNN
BILLING PROVIDER        : NNNNNNNNNN,XXXXXXXXXXXXXXXXXXXXXXXX
PAY TO PROVIDER         : NNNNNNNNNN,XXXXXXXXXXXXXXXXXXXXXXXX
PROCESSOR               : NNNNNNNNN,XXXXXXXXXXXXXXXXXXXX

TRANSACTION/TYPE        : 837  XXXXXXXXXX

SUBSCRIBER         LAST           F  PATIENT        LAST          F  SERVICE DATE                     REJ/
PROD/
MEMBER ID                            CONTROL NUMBER                   FROM      TO     TOTAL CHARGES   ACC  TEST

XXXXXXXXX          XXXXXXXXXXXXX  X  XXXXXXXXXXXXX  XXXXXXXXXXXXX  X  mm/dd/yy  mm/dd/yy $ NNN,NNN,NNN.NN  X    X
```

Data Item	Description	Data Element
DATE (mm/dd/ccyy)	Date the report was generated	Generated by BlueCross BlueShield of South Carolina BlueShield of
NAME	BCBSSC EDI Gateway	Generated by BlueCross BlueShield of South Carolina BlueShield of
PAGE	The page number of the report	Generated by BlueCross BlueShield of South Carolina BlueShield of
TIME hh:mm:ss	The time of day the report was generated	Generated by BlueCross BlueShield of South Carolina BlueShield of
TITLE (CLAIMS SUB-MISSION SUMMARY)	Title of report	Generated by BlueCross BlueShield of South Carolina BlueShield of
CYCLE	How often the report is generated	Generated by BlueCross BlueShield of South Carolina BlueShield of
PROCESS DATE	Date EDI Gateway retrieved data from the trading partner's mailbox	Entry-Date
STATUS	Status of the trading partner sending claims (production or test)	Generated by BlueCross BlueShield of South Carolina BlueShield of
SUBMITTER ID	Trading Partner ID assigned by EDI Gateway	Trading Partner ID
(NAME)	Trading partner's name	Submitter-Last-Name, First-Name, Middle-Initial or Organization-Name
GROUP CONTROL NBR	Group control number assigned by trading partner	Group-Control-Number
BILLING PROVIDER	Billing provider's NPI	Billing-Provider-ID
(BILLING PROVIDER NAME)	Billing provider's name	Billing-Provider-Last-Name, First-Name, Middle Initial or Organization-Name
PAY TO PROVIDER	Pay-to provider's NPI	Pay-to-Provider-NBR
(PAY TO PROVIDER NAME)	Pay-to provider's name	Pay-to-Last-Name, First-Name, Middle Initial or Organization-Name

BlueCross BlueShield of South Carolina EDI Gateway

BlueCross BlueShield of South Carolina and BlueChoice HealthPlan are independent licensees of the Blue Cross and Blue Shield Association.

Data Item	Description	Data Element
PROCESSOR ID	Entity to whom EDI Gateway is routing the claim	Processor-ID
(PROCESSOR NAME)	Name of entity to whom EDI Gateway is routing the claim	
TRANSACTION	Transaction Set	Always 837
TYPE	Claim type	Institutional, Professional or Dental
SUBSCRIBER MEMBER	Subscriber's member identification number	Subscriber-Number
LAST	Subscriber's last name	Subscriber-Last-Name or Subscriber-Organization-Name
F	Subscriber's first initial	Subscriber-First-Initial or Subscriber-Organization Name
PATIENT CONTROL	Patient's account number	Patient-Control-Number
LAST	Patient's last name	Patient-Last-Name
F	Patient's first initial	Patient-First-Initial
SERVICE DATE FROM	Service from date	Service-From-Date
SERVICE DATE TO	Service to date	Service-To-Date
TOTAL CHARGES	Total claim charge amount	Total-Charges
REJ/ACC	Generated by EDI Gateway to indicate claim forwarded to processor or rejected back to trading partner with errors	
PROD/TEST	Code to indicate production (P) or test (T) claim	Test/Prod-Indicator

Error Claims Summary Report

The Error Claims Summary Report provides the trading partner results of payer business claim edits. The table following the sample report includes a line-by-line description of the data items in the report.

```
  MM/DD/CCYY  BCBSSC EDI GATEWAY                                              PAGE :   N
  HH:MM:SS      COLUMBIA, SC  29219            ERROR CLAIMS  SUMMARY          CYCLE : DAILY

  PROCESS DATE          : mm/dd/ccyy                                     STATUS: XXXX
  SUBMITTER ID          : XXXXXXXXX,XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
  GROUP CONTROL NBR     : NNNNNNNNN
  BILLING PROVIDER      : NNNNNNNNNN,XXXXXXXXXXXXXXXXXXXXXXX
  PAY TO PROVIDER       : NNNNNNNNNN,XXXXXXXXXXXXXXXXXXXXXXX
  PROCESSOR             : NNNNNNNNN,XXXXXXXXXXXXXXXXXXXX

  TRANSACTION/TYPE      : 837 XXXXXXXXXX

  SUBSCRIBER        LAST          F   PATIENT       LAST          F  SERVICE DATE                            REJ/
  PROD/
  MEMBER ID                               CONTROL NUMBER              FROM       TO      TOTAL CHARGES    ACC  TEST

  XXXXXXXXX         XXXXXXXXXXXX  X  XXXXXXXXXXX  XXXXXXXXXXXX  X  mm/dd/yy  mm/dd/yy  $ NNN,NNN,NNN.NN   X    X

  ERROR     SEGMENT     LOOP   REPEAT  SEG   FIELD   REPEAT   ERROR

  TYPE      POSITION                                          CODE        DESCRIPTION

  X         XXX         XXXX   XXX     XXX   XXXX    XXX      XXX    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

Data Item	Description	Data Element
DATE (mm/dd/ccyy)	Date the report was generated	Generated by BlueCross BlueShield of South Carolinacomputer system
NAME	BCBSSC EDI GATEWAY	Generated by BlueCross BlueShield of South Carolinacomputer system
PAGE	The page number of the report	Generated by BlueCross BlueShield of South Carolinacomputer system
TIME hh:mm:ss	The time of day the report was generated	Generated by BlueCross BlueShield of South Carolinacomputer system
TITLE (ERROR CLAIM SUMMARY)	Title of report	Generated by BlueCross BlueShield of South Carolinacomputer system
CYCLE	How often the report is generated	Generated by BlueCross BlueShield of South Carolinacomputer system
STATUS	Status of the trading partner sending claims (production or test)	Generated by BlueCross BlueShield of South Carolinacomputer system
PROCESS DATE	Date EDI Gateway retrieved data from the trading partner's mailbox	Entry-Date
SUBMITTER ID	Trading Partner ID assigned by EDI Gateway	Trading Partner ID
(NAME)	Trading partner's name	Submitter-Last-Name, First-Name,Middle-Initial or Organization-Name
GROUP CONTROL NBR	Group control number assigned by the trading partner	Group-Control-Number
BILLING PROVIDER	Billing provider's NPI	Billing-Provider-ID

Data Item	Description	Data Element
(BILLING PROVIDER NAME)	Billing provider's name	Billing-Provider-Last-Name, Billing-Provider-First-Name, Billing-Provider, Middle Initial or Billing Provider-Organization-Name
PAY TO PROVIDER	Pay-to provider's NPI	Pay-to-Provider-NBR
(PAY TO PROVIDER NAME)	Pay-to provider's name	Pay-to-Provider-Last-Name, Pay-to-Provider-First-Name, Pay-to-Provider, Middle Initial or Pay-to- Provider-Organization-Name
PROCESSOR ID	Entity to whom EDI Gateway is routing the claim	Processor-ID
(PROCESSOR NAME)	Name of entity to whom EDI Gateway is routing the claim	
TRANSACTION	Transaction Set	Always 837
TYPE	Claim type	Institutional, Professional or Dental
SUBSCRIBER MEMBER ID	Subscriber's member identification number	Subscriber-Number
LAST	Subscriber's last name	Subscriber-Last-Name or Subscriber-Organization-Name
F	Subscriber's first initial	Subscriber-First-Initial or Subscriber-Organization Name
PATIENT CONTROL NUMBER	Patient's account number	Patient-Control-Number
LAST	Patient's last name	Patient-Last-Name
F	Patient's first initial	Patient-First-Initial
SERVICE DATE FROM	Service from date	Service-From-Date
SERVICE DATE TO	Service to date	Service-To-Date
TOTAL CHARGES	Total claim charge amount	Total-Charges
REJ/ACC	Generated by EDI Gateway to indicate claim forwarded to processor or rejected back to trading partner with errors	Generated by BlueCross BlueShield of South Carolina computer system
PROD/TEST	Code to indicate production (P) or test (T) claim	Test/Prod-Indicator
ERROR TYPE	S: SIG Edit Errors, P: Processor Edit Errors, E: EDI Gateway Edit Errors	Error-Code-Source-Identifier
SEGMENT POSITION	Position of segment in error relative to ST	Relative segment position from ST
LOOP	Loop ID in error	Loop-Identifier
REPEAT		Loop-Repeat-Identifier
SEG	Segment in error	Segment-Identifier
FIELD	Field in error	Segment-Field-Identifier
REPEAT		Segment-Repeat-Identifier
ERROR CODE	Code identifying the error	Error-Code
DESCRIPTION	Abbreviated error message description	Error-Description-Identifier

Additional Information for Trading Partners

1. Trading partners should envelope (ISA-IEA) different transactions separately.

2. Zipped files cannot be transmitted when using SFTP and SFTP/VPN protocols.

3. Each file should contain only one transaction set type (e.g., 837P, 837I, 270).

4. BlueCross BlueShield of South Carolina EDI Gateway's processes will perform a case conversion (to UPPERCASE) on all EDI data.

5. ASC X12 transactions submitted to BlueCross BlueShield of South Carolina EDI Gateway cannot include control characters, such as line feed and carriage control.

6. ASC X12N 270 files submitted to BlueCross BlueShield of South Carolina EDI Gateway cannot be larger than 40,000 bytes (~39K). If the file is larger than (~39k), it will reject with text message "270 file size too large, please limit to 39K or smaller." (Typically, a 19K size file will accommodate 99 eligibility inquiries.)

7. BlueCross BlueShield of South Carolina EDI Gateway and the payer's edits include HIPAA ASC X12 TR3 code set validation.

8. ASC X12 834 version 4010 files will reject when the INS segment count exceeds 9,999 within an ISA-IEA.

Glossary of Terms and Abbreviations

AGNS – AT&T Global Network Services

ASC X12 – ANSI Standards Committee ASC X12 (www.ASC X12.org)

AT&T – American Telephone & Telegraph, network facilitator

eServer – BlueCross BlueShield of South Carolina term for enterprise server or mainframe computer.

Firewall – A dedicated gateway computer system or network system with special security precautions on it, used to service outside network, especially Internet, connections. The idea is to protect a cluster of more loosely administered machines hidden behind it from unauthorized access. The typical firewall is an inexpensive microprocessor-based Unix machine with no critical data, with modems and public network ports on it, but just one carefully watched connection back to the rest of the cluster. The special precautions may include threat monitoring, call-back and even a complete iron box keyable to particular incoming IDs or activity patterns. Firewalls often run proxy gateways. (www.hyperdictionary.com/dictionary/firewall+machine)

GDG – Generation Data Group

HIPAA – Health Insurance Portability & Accountability Act of 1996, (Public Law 104-191). Also known as the "Kennedy-Kassebaum" Act.

HTTPS – Hypertext Transport Protocol Version 1.1 (IETF RFC 2616: http://www.ietf.org/rfc/rfc2616.txt).

IG – ASC X12 Implementation guide. See TR3.

MIME Multipart – Multipurpose Internet Message Extensions (IETF RFCs 2045 to RFC 2049) [http://www.ietf.org/rfc/rfc2045.txt].

MS-DOS – Acronym for Disk Operating System. The term DOS can refer to any operating system, but it is most often used as a shorthand for MS-DOS (**M**icro**s**oft **D**isk **O**perating **S**ystem). Originally developed by Microsoft for IBM, MS-DOS was the standard operating system for IBM-compatible personal computers. (www.webopedia.com/TERM/D/DOS.html)

NDM – Network Data Mover, also known as (Sterling Commerce) Connect: Direct.

NT – A version of the Windows operating system. Windows NT (New Technology) is a 32-bit operating system that supports preemptive multitasking. (www.webopedia.com/TERM/W/Windows_NT.html)

PGBA, LLC – Celerian Group division for TRICARE, Federal Bureau of Prisons, North Carolina Department of Public Safety lines of business.

PHI – Protected Health Information is a typical type of personally identifiable information such as name, Health Insurance Claim (HIC) number, diagnosis of a person's condition, etc. that can be linked back to a particular individual/member.

PII – Personally Identifiable Information- PII includes information that can be used to identify a person, such as the person's name or address.

SOAP+WSDL – W3C Simple Object Access Protocol Version 1.2. (http://www.w3.org/TR/soap12-part1/) + W3C Web Services Definition Language Version 1.1 (http://www.w3.org/TR/2001/NOTE-wsdl-20010315).

TCP/IP – TCP/IP is composed of two parts: TCP (Transmission Control Protocol) and IP (Internet Protocol). TCP is a connection-oriented protocol that passes its data to IP, which is connectionless. TCP sets up a connection at both ends and guarantees reliable delivery of the full message sent. TCP tests for errors and requests retransmission if necessary, because IP does not. (www.techweb.com/encyclopedia)

TPA – Trading Partner Agreement, a contract between entities exchanging electronic transactions.

TR3 – A Type 3 Technical Report (TR3), also known as implementation guide, addresses one specific business purpose through the implementation of one or more ASC X12 transaction sets. Several TR3s have been mandated under HIPAA.

Appendix

BlueCross BlueShield of South Carolina EDI Trading Partner Enrollment Form ASC X12N Transactions

Action Requested: Date: _____

(Check One)
☐ New Trading Partner ID

Change   ☐ Cancel

Trading Partner's Name: _____

Trading Partner's ID: _____

Type of Business: ☐ Institutional Health Care Provider ☐ Clearinghouse ☐ Billing Service
(Check One) ☐ Professional Health Care Provider ☐ Health Care Plan
☐ Retail Pharmacy ☐ Pharmacy Benefit Manager
☐ Software Vendor ☐ Other *(indicate)*: _____

Line of Business: ☐ BlueCross BlueShield of South Carolina Commercial
(Check One) ☐ PGBA, LLC

Start Date: _____ (mm/dd/ccyy)   **End Date:** _____ (mm/dd/ccyy)
                                                  (Required when canceling an account)

Protocol: (Check One) ☐ NDM ☐ Secure FTP ☐ SFTP/VPN

☐ TCP/IP via VPN ☐ TCP/IP via AGNS

☐ HTTPS MIME Multipart ☐ HTTPS SOAP+WSDL

Physical Address

Address: _____

City/State/ZIP: _____

Billing Address (If different from the Physical Address)

Address: _____

City/State/ZIP: _____

Primary Business Contact's Information

First/Last Name: _____ **Email:** _____

Telephone: ( ) ___-____ext._____

Primary Technical Contact's Information

First/Last Name: _____ **Email:** _____

Telephone: ( ) ___-____ext._____

After Hours Technical Contact's Information

First/Last Name: _____ **Email:** _____

Telephone: ( ) ___-____ext._____

On-Call Technical Contact's Information

First/Last Name: _____ **Email:** _____

Telephone: ( ) ___-____ext._____

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Transaction(s) Requested

Transaction*	Check Box	Transaction*	Check Box
ASC X12N 270 (005010X279A1)	☐	ASC X12N 837I (005010X223A2)	☐
ASC X12N 271 (005010X279A1)	☐	ASC X12N 837P (005010X222A1)	☐
ASC X12N 276 (005010X212)	☐	ASC X12N 837D (005010X224A2)	☐
ASC X12N 277 (005010X212)	☐	ASC X12N 835 (005010X221A1)	☐
ASC X12N 278 (005010X217)	☐	ASC X12N 834 (005010X220)	☐
ASC X12N 820 (005010X218)	☐		

BlueCross BlueShield of South Carolina and BlueChoice HealthPlan of South Carolina Independent licensees of the Blue Cross and Blue Shield Association	**BlueCross BlueShield of South Carolina Commercial SFTP, SFTP/VPN Customer Connectivity Parameter Survey**

This document is for third parties who want to establish Secure File Transfer (SFTP) or VPN over SFTP (SFTP/VPN) connectivity to the BlueCross BlueShield of South Carolina EDI Gateway. Complete this form and return it to the BlueCross BlueShield of South Carolina EDI Gateway. All the information you enter on this survey is confidential..

Customer Business Contact Name	**Phone**	**Email**
Customer Technical Contact Name	**Phone**	**Email**
Customer Company Name	**Phone**	**Address**
		Addr1:
		Addr2:
		City: St: ZIP:

SFTP/VPN Information   SFTP Information

SFTP/VPN Information	**SFTP Information**
Encryption Type (Select One): ☐ AES-256 or ☐ 3DES	**BlueCross BlueShield of South Carolina Public IP:** 208.60.144.253 PORT 22
Hash Method (Select One): ☐ MD5 or ☐ SHA-1	**Customer Static Public IP:**
BlueCross BlueShield of South Carolina VPN Concentrator Public IP: 208.60.145.68	**Customer FTP Client Software Used:**
BlueCross BlueShield of South Carolina Host(s) IP(s) (Protected): 208.60.145.51 PORT 21	
Customer VPN Concentrator Public IP:	
Customer Host(s) IP(s) (Protected):	
Customer IPSEC Device & Version:	

	PGBA, LLC SFTP, SFTP/VPN Customer Connectivity Parameter Survey

This document is for third parties who want to establish Secure File Transfer (SFTP) or VPN over SFTP (SFTP/VPN) connectivity to the BlueCross BlueShield of South Carolina EDI Gateway. Complete this form and return it to the BlueCross BlueShield of South Carolina EDI Gateway. All the information you enter on this survey is confidential.

Customer Business Contact Name	Phone	Email
Customer Technical Contact Name	**Phone**	**Email**
Customer Company Name	**Phone**	**Address**
		Addr1:
		Addr2:
		City: St: ZIP:

SFTP/VPN Information   SFTP Information

Encryption Type (Select One): ☐ AES-256 or ☐ 3DES	**PGBA, LLC** **Public IP:** 208.60.144.253 PORT 22
Hash Method (Select One): ☐ MD5 or ☐ SHA-1	**Customer Static Public IP:**
PGBA, LLC **VPN Concentrator Public IP:** 208.60.145.68	**Customer FTP Client Software Used:**
PGBA, LLC **Host(s) IP(s) (Protected):** 208.60.145.51 PORT 21	
Customer VPN Concentrator Public IP:	
Customer Host(s) IP(s) (Protected):	
Customer IPSEC Device & Version:	

BlueCross BlueShield of South Carolina and BlueChoice HealthPlan of South Carolina Independent licensees of the Blue Cross and Blue Shield Association	**BlueCross BlueShield of South Carolina Commercial TCP/IP via VPN Customer Connectivity Parameter Survey**

This document is for third parties who want to establish Real Time Virtual Private Connection (VPN) connectivity to the BlueCross BlueShield of South Carolina EDI Gateway for BlueCross BlueShield of South Carolina commercial transactions. Complete this form and return it to the BlueCross BlueShield of South Carolina EDI Gateway. All the information you enter on this survey is confidential.

Customer Business Contact Name	Phone	Email	
Customer Technical Contact Name	**Phone**	**Email**	
Customer Company Name	**Phone**	**Address**	
		Addr1:	
		Addr2:	
		City:	St: ZIP:

TCP/IP via VPN Information

Encryption type (check one box): ☐ AES-256 or ☐ 3DES
Hash method (check one box): ☐ SHA-1 or ☐ MD5
BlueCross BlueShield of South Carolina VPN Concentrator Public IP: 208.60.145.68
BlueCross BlueShield of South Carolina Host(s) IP(s) (Protected): PROD – 208.60.145.49 PORT 3045
BlueCross BlueShield of South Carolina Host(s) IP(s) (Protected): TEST – 208.60.145.52 PORT 3076
Customer VPN Concentrator Public IP:
Customer Host(s) IP(s) (Protected) for PROD:
Customer Host(s) IP(s) (Protected) for TEST:
Customer IPSEC Device and Version:

PGBA, LLC TCP/IP via VPN Customer Connectivity Parameter Survey

This document is used to gather information from third parties wishing to establish Real Time Virtual Private Connection (VPN) connectivity to the BlueCross BlueShield of South Carolina EDI Gateway for PGBA, LLC transactions. This form is to be completed in its entirety by the customer and returned to BlueCross BlueShield of South Carolina EDI Gateway. All information gathered on this survey is confidential.

Customer Business Contact Name	Phone	Email

Customer Technical Contact Name	Phone	Email

Customer Company Name	Phone	Address
		Addr1:
		Addr2:
		City: St: ZIP:

TCP/IP via VPN Information

Encryption type (check one box): ☐ AES-256 or ☐ 3DES
Hash method (check one box): ☐ SHA-1 or ☐ MD5
PGBA, LLC VPN Concentrator Public IP: 208.60.147.49
PGBA, LLC Host(s) IP(s) (Protected): PROD – 208.83.150.65 PORT 3045
PGBA, LLC Host(s) IP(s) (Protected): TEST – 208.83.150.65 PORT 3076
Customer VPN Concentrator Public IP:
Customer Host(s) IP(s) (Protected) for PROD:
Customer Host(s) IP(s) (Protected) for TEST:
Customer IPSEC Device and Version:

BlueCross BlueShield of South Carolina and BlueChoice HealthPlan of South Carolina Independent licensees of the Blue Cross and Blue Shield Association	**BlueCross BlueShield of South Carolina Commercial NDM Customer Connectivity Parameter Survey**

This document is for third parties who want to establish NDM connectivity to the BlueCross BlueShield of South Carolina EDI Gateway for BlueCross BlueShield of South Carolina commercial transactions. Complete this form and return it to the BlueCross BlueShield of South Carolina EDI Gateway. All the information you enter on this survey is confidential.

Customer Business Contact Name	Phone	Email	
Customer Technical Contact Name	**Phone**	**Email**	
Customer Company Name	**Phone**	**Address**	
		Addr1:	
		Addr2:	
		City: St: ZIP:	

BlueCross BlueShield of South Carolina Information Customer Information

NODE Name: SCA.A70NDM.BLUE	**NODE Name:**
Environment: ZOS	**Environment:**
IP Address: 206.201.111.180	**IP Address:**
Port: Port 1366	**Port:**
Max Parses: 4,2	**Max Parses:**
User ID/PW: EDI Gateway Operations will provide this	**Destination File Name for Receiving Production Responses:**
Input DSN Production ASC X12 Data: BC.HEDI.NDM.INP.CXXXXXX#	
Input DSN Test ASC X12 Data: BC.HEDI.NDM.INP.CXXXXXXQ	**Test Responses:**
Record Length: 1000	
Record Format: FB (fixed block)	
ASC X12 Format: Segmented	

PGBA, LLC NDM Customer Connectivity Parameter Survey

This document is for third parties who want to establish NDM connectivity to the BlueCross BlueShield of South Carolina EDI Gateway for PGBA, LLC transactions. Complete this form and return it to the BlueCross BlueShield of South Carolina EDI Gateway. All the information you enter on this survey is confidential.

Customer Business Contact Name	Phone	Email

Customer Technical Contact Name	Phone	Email

Customer Company Name	Phone	Address
		Addr1:
		Addr2:
		City: St: ZIP:

PGBA, LLC Information   Customer Information

PGBA, LLC Information	Customer Information
NODE Name: SCA.A70NDM.CHAM	**NODE Name:**
Environment: ZOS	**Environment:**
IP Address: 206.201.111.180	**IP Address:**
Port: 1371	**Port:**
Max Parses: 4,2	**Max Parses:**
User ID/PW: EDI Gateway Operations will provide this	**Destination File Name for Receiving Production Responses:**
Input DSN Production ASC X12 Data: BC.HEDI.NDM.INP.SXXXXXX#	
Input DSN Test ASC X12 Data: BC.HEDI.NDM.INP.SXXXXXXQ	**Test Responses:**
Record Length: 1000	
Record Format: FB (fixed block)	
ASC X12 Format: Segmented	