

File Specifications

EDI Mappings for Standard Services

X12 Version 4010

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820 For Payment Order/Remit Advice – PPD X12 Version 4010:

1/010 ST01 "820"
 ST02 Control Number (4 to 9 digits)

1/020 BPR01 "C"
 BPR02 Payment amount (Real up to 18 digits)
 BPR03 "C"
 BPR04 "ACH"
 BPR05 "PPD"
 BPR06 "01"
 BPR07 Originating DFI ABA Number (9 digits)
 BPR08 "DA" or "SG"
 BPR09 Originating Account Number (up to 35 digits)
 BPR12 "01"
 BPR13 Receiving DFI ABA Number (9 digits)
 BPR14 "DA" or "SG"
 BPR15 Receiving Account Number (up to 35 digits)
 BPR16 Effective entry date (YYYYMMDD)

1/035 TRN01 "1"
 TRN02 Trace Number (up to 15 digits)

1/050 REF01 "EI"
 REF02 Individual/Receiver's ID Number (up to 30 digits)

1/070 N101 "PE"
 N102 Individual/Receiver's Name (up to 60 char.)

3/010 SE01 Number of Segments
 SE02 Control Number (same as ST02)

820 For Corporate CTX Payments X12 Version 4010

1/010 ST01 "820"
 ST02 Control Number (4 to 9 digits)

1/020 BPR01 "C"
 BPR02 Payment amount (Real up to 18 digits)
 BPR03 "C"
 BPR04 "ACH"
 BPR05 "CTX"
 BPR06 "01"
 BPR07 Originating DFI ABA Number (9 digits)
 BPR08 "DA" or "SG"
 BPR09 Originating Account Number (up to 35 digits)
 BPR12 "01"
 BPR13 Receiving DFI ABA Number (9 digits)
 BPR14 "DA"
 BPR15 Receiving Account Number (up to 35 digits)

File Translation and Delivery Services: EDI Mapping for Standard Services 2

BPR16 Effective entry date (YYYYMMDD)
2/010 ENT01 "1"

[Note: The following two segments for remittance details are the most common. Other options are available.]

2/150 RMR01 "IV"
RMR02 Invoice Number (up to 30 char.)
RMR04 Net Invoice Amount (Real up to 18 digits)
RMR05 Gross Invoice Amount (Real up to 18 digits)
RMR06 Discount Amount (Real up to 18 digits)

2/180 DTM01 "003"
DTM02 Invoice Date (YYYYMMDD)

3/010 SE01 Number of Segments
SE02 Control Number (same as ST02)

820 For Corporate IAT Payments X12 Version 4010

1/010 ST01 "820"
ST02 Control Number (4 to 9 digits)

1/020 BRP01 "C"
BPR02 Payment Amount (Real up to 18 digits)
BPR03 "C"
BPR04 "ACH"
BPR05 "IAT"
BPR06 "01"
BPR07 Originating DFI ABA Number (9 digits, if the ACH IAT Flag is international, this value is used to retrieve the gateway operator)
BPR08 "DA" or "SG"
BPR09 Originating Account Number (up to 35 digits)
BPR12 "01"
BPR13 Receiving DFI ABA Number (9 digits, if the ACH IAT Flag is domestic, this value is used to retrieve gateway operator)
BPR14 "DA"
BPR15 Receiving Account Number (up to 35 digits)
BPR16 Effective Entry Date (YYYYMMDD)

[Note: for IAT payments the following Name segments are required.]

1/070 N101 "PE"
N102 Name (up to 60 char.)

1/090 N301 Street Address (up to 55 char.)

1/100 N401 City Name (up to 30 char.)
N402 State or Province Code (up to 2 char.)

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N404 Country Code (2 char.)

2/010 ENT01 "1"

[Note: For IAT payments, the following segment would only be valid when the Zero Dollar CTX flag on the Originator General Setup screen is set to 'Y']

2/150 RMR01 "IV"

RMR02 Invoice Number (up to 30 char.)

RMR04 Net Invoice Amount (Real up to 18 digits)

RMR05 Gross Invoice Amount (Real up to 18 digits)

RMR06 Discount Amount (Real up to 18 digits)

2/180 DTM01 "003"

DTM02 Invoice Date (YYYYMMDD)

3/010 SE01 Number of Segments

SE02 Control Number (same as ST02)

821 For Account Reconciliation (ARP) Paid Items X12 Version 4010

1/010 ST01 "821"

ST02 Control Number (4 to 9 digits)

1/020 B2A01 "00"

B2A02 "PL"

1/030 DTM01 "009"

DTM02 Processing Date (YYYYMMDD)

1/040 TRN01 "1"

TRN02 Trace Number for entire transaction (up to 30 char.)

1/050 N101 "BK"

N102 "SUNTRUST BANKS"

2/010 ENT01 "1"

2/070 ACT01 Account Number (up to 35 char.)

2/140 FIR01 "1" Issue Item or

"5" Cancel/Void

FIR02 "10"

FIR03 Amount (Real up to 18 digits)

FIR04 Posted Date (YYYYMMDD)

2/160 REF01 "CK"

REF02 Check Number (up to 30 char.)
2/190 TRN01 "1"
TRN02 Trace Number for this item (up to 30 char.)
3/010 SE01 Number of Segments
SE02 Control Number (same as ST02)

821 For Controlled Payment (CPR) Issue Records X12 Version 4010

1/010 ST01 "821"
ST02 Control Number (4 to 9 digits)
1/020 B2A01 "00"
B2A02 "CF"
1/030 DTM01 "102"
DTM02 Issue Date (YYYYMMDD)
1/040 TRN01 "1"
TRN02 Trace Number for entire transaction (up to 30 char.)
1/050 N101 "PR"
N102 Company Name (up to 60 char.)
2/010 ENT01 "1"
2/070 ACT01 Account Number (up to 10 digits)
Issues:
2/140 FIR01 "1" Issue Item
FIR02 "10"
FIR03 Amount (up to 13 digits including 2 decimal places)
FIR04 Effective Date (YYYYMMDD, optional)
2/160 REF01 "CK"
REF02 Check Number (up to 10 digits)
REF01 "VR"
REF02 Fund Source Account Number (up to 9 digits)
2/170* NM101 "PE"
NM102 Payee Name (up to 35 digits)
N201 Payee Name (continued if greater than 35 digits from NM102
(if needed))

* The NM segments are optional; they are used for Payee Name Verification

Cancels:

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2/140 FIR01 "5" Cancel/Void
FIR02 "10"
FIR03 Amount (up to 13 digits including 2 decimal places)
FIR04 Effective Date (YYYYMMDD, optional)

2/160 REF01 "CK"
REF02 Check Number (up to 10 digits)

All:

3/010 SE01 Number of Segments
SE02 Control Number (same as ST02)

821 For Controlled Payment (CPR) Paid Items X12 Version 4010

1/010 ST01 "821"
ST02 Control Number (4 to 9 digits)

1/020 B2A01 "00"
B2A02 "PL"

1/030 DTM01 "009"
DTM02 Processing Date (YYYYMMDD)

1/040 TRN01 "1"
TRN02 Trace Number for entire transaction (up to 30 char.)

1/050 N101 "BK"
N102 "SUNTRUST BANKS"

2/010 ENT01 "1"

2/070 ACT01 Account Number (up to 10 digits)

2/140 FIR01 "TB"
FIR02 "150120"
FIR03 Amount (up to 12 digits including 2 decimal places)
FIR04 Posted Date (YYYYMMDD)

2/160 REF01 "CK"
REF02 Check Number (up to 10 digits)

2/190 TRN01 "1"
TRN02 CPCS Number (up to 9 digits)
TRN03 Routing Transit Number (9 digits)

3/010 SE01 Number of Segments
SE02 Control Number (same as ST02)

823 For Lockbox Receipts Reporting X12 Version 4010

| | |
|-------------|--------------------------------|
| 1/010 ST01 | "823" |
| ST02 | Control Number (4 to 9 digits) |
| 1/020 N101 | "BK" |
| N102 | "SUNTRUST BANKS" |
| 1/020 N101 | "PE" |
| N102 | Company Name |
| 2/010 DEP01 | Lockbox Number |
| DEP02 | Deposit Date (YYYYMMDD) |
| DEP05 | "01" |
| DEP06 | Routing Transit Number |
| DEP07 | "DA" |
| DEP08 | Account Number |
| 2/020 AMT01 | "3" |
| AMT02 | Deposit Amount |
| 2/030 QTY01 | "41" |
| QTY02 | Number of Batches |
| 2/060 BAT01 | Batch Date (YYYYMMDD) |
| BAT03 | Batch Number |
| 2/080 AMT01 | "2" |
| AMT02 | Batch Amount |
| 2/090 QTY01 | "42" |
| QTY02 | Number of Items |
| 2/110 BPR01 | "C" |
| BPR02 | Check Amount |
| BPR03 | "D" |
| BPR04 | "PBD" |
| BPR06 | "01" |
| BPR07 | Check Routing Transit Number |
| BPR08 | Check Account Number |
| 2/130 REF01 | "CK" |
| REF02 | Check Number |
| 2/220 RMR01 | "IV" |
| RMR02 | Invoice Number |
| RMR04 | Invoice Amount |
| 3/010 SE01 | Number of Segments |
| SE02 | Control Number (same as ST02) |

824 Application Acknowledgement X12 Version 4010

1/010 ST01 "824"
ST02 Control Number (4 to 9 digits)

1/020 BGN01 Transaction Set Purpose Code
BGN02 Reference Identification
BGN03 Date (YYYYMMDD)
BGN04 Time (HHMM)

2/010 OTI01 "TA" Application Acknowledgement Code
OTI02 "BT" Reference Identification Qualifier
OTI03 Reference Identification (up to 30 digits)
OTI04-017 Optional Segments

2/020 REF01 "BT"
REF02 Reference Identification
REF03 Description (up to 80 digits)

2/050 AMT01 "2" Batch Total or
"BT" Bank Reject Total or
"NP" Net to Pay Total or
"OP" Original Payment Total
AMT02 Total Amount

2/060 QTY01 "46" Total transactions or
"53" Original payment item count or
"54" Bank reject item count or
"55" Net to pay item count
QTY02 Quantity

2/070 TED01 "ZZZ" Mutually Defined
TED02 Free Form Message (up to 60 digits)

3/090 SE01 Number of Segments
SE02 Control Number (same as ST02)

827 Financial Return Notice for ACH X12 Version 401

1/010 ST01 "827"
ST02 Control Number (4 to 9 digits)

2/020 RIC01 "OTH"
RIC02 Monetary Amount
RIC03 Debit/Credit Flag
RIC04 Account Number

2/030 TRN01 "2"
TRN02 Reference Identification

2/040 REF01 "01"

| | | |
|-------|-------|--------------------------------------|
| | REF02 | Reference Identification |
| | REF01 | "C4" |
| | REF02 | Reference Identification |
| | REF03 | Description |
| | REF01 | "TN" |
| | REF02 | Reference Identification |
| 2/050 | DTM01 | "007" |
| | DTM02 | Effective Date (YYYYMMDD) |
| | DTM01 | "097" |
| | DTM02 | Transaction Creation Date (YYYYMMDD) |
| 3/010 | SE01 | Number of Segments |
| | SE02 | Control Number (same as ST02) |

828 For Single ACH Fraud Control Debit Authorization X12 Version 4010

| | | |
|-------|-------|---|
| 1/010 | ST01 | "828" |
| | ST02 | Control Number (4 to 9 digits) |
| 1/020 | BAU01 | Trace Number (up to 30 char.) |
| | BAU02 | "ACH" |
| | BAU03 | "01" |
| | BAU04 | Routing Transit Number (9 digits) |
| | BAU05 | Account Number (up to 35 char.) |
| | BAU06 | Debited Company Name (up to 60 char.) |
| 2/010 | DAD01 | "1" for Add or "3" for Delete |
| | DAD02 | "S" for Single Debit Authorization |
| | DAD03 | Effective Date (YYYYMMDD) |
| | DAD05 | Originating Company ID (one of the following): "1" + Employer Identification Number "3" + Duns Number |
| | DAD07 | "TP" |
| | DAD08 | Debit Amount (Real up to 18 digits) |
| | DAD09 | Reference ID (same as in the incoming ACH debit, Record 6, field 7, 10 char. exactly) |
| 2/020 | NM101 | "PE" |
| | NM102 | "3" |
| | NM103 | Name of Originating Company (up to 35 char.) |
| 3/010 | CTT01 | Count of DAD Segments (up to 6 digits) |
| 3/010 | SE01 | Number of Segments |
| | SE02 | Control Number (same as ST02) |

831 Control Totals for Checks X12 Version 4010

| | |
|-------------|--------------------------------|
| 1/010 ST01 | "831" |
| ST02 | Control Number (4 to 9 digits) |
| 1/020 BGN01 | "00" |
| BGN02 | "820C" |
| BGN03 | Date (YYYYMMDD) |
| BGN04 | Time (HHMM) |
| 1/040 N901 | "11" |
| N902 | Account Number |
| 1/060 AMT01 | "NP" |
| AMT02 | Total Amount |
| 1/070 QTY01 | "46 or 53" |
| QTY02 | Total Checks |
| 1/080 SE01 | Number of Segments |
| SE02 | Control Number (same as ST02) |

831 Control Totals for ACH X12 Version 4010

| | |
|-------------|--------------------------------|
| 1/010 ST01 | "831" |
| ST02 | Control Number (4 to 9 digits) |
| 1/020 BGN01 | "00" |
| BGN02 | "820A" |
| BGN03 | Date (YYYYMMDD) |
| BGN04 | Time (HHMM) |
| 1/040 N901 | "11" |
| N902 | Account Number |
| 1/060 AMT01 | "NP" |
| AMT02 | Total Amount |
| 1/070 QTY01 | "46" |
| QTY02 | Total ACH Items |
| 1/080 SE01 | Number of Segments |
| SE02 | Control Number (same as ST02) |

835 Health Care Claim Reporting for Lockbox X12 Version 4010

| | | |
|-------|---------------------------|---------------------------------------|
| 1/010 | ST01 | "835" |
| | ST02 | Control Number (4 to 9 digits) |
| 1/020 | BPR01 | "I" |
| | BPR02 | Payment amount (Real up to 18 digits) |
| | BPR03 | "C" |
| | BPR04 | "BOP" |
| BPR10 | Payer Identification Code | |
| BPR14 | "DA" | |
| BPR15 | DDA Number | |
| BPR16 | Deposit Date (CCYYMMDD) | |
| 1/040 | TRN01 | "1" |
| | TRN02 | Check Number |
| | TRN03 | Payer Identification Code |
| 1/080 | N101 | "PR" |
| | N102 | Payer Name (up to 60 digits) |
| 1/100 | N301 | Address (up to 55 digits) |
| 1/110 | N401 | City (up to 30 digits) |
| | N402 | State (up to 2 digits) |
| | N403 | Zip (up to 15 digits) |
| 2000 | Loop | |
| 2/010 | LX01 | "1" |
| 2100 | Loop | |
| 2/010 | CLP01 | Claim Submitter's Identification |
| | CLP02 | Claim Status Code |
| | CLP03 | Claim Submitted Charges |
| | CLP04 | Claim Payment Amount |
| 2/020 | CAS01 | "OA" or "CO" |
| | CAS02 | "3" Claim Adjustment Reason Code |
| | CAS03 | Claim Adjustment Amount |
| 2/030 | NM101 | "QC" |
| | NM102 | "1" |
| | NM103 | Last Name |
| | NM104 | First Name |

File Translation and Delivery Services: EDI Mapping for Standard Services 2

| | | |
|-------|-------|----------------------------------|
| 1/080 | N101 | "PR" |
| | N102 | Payer Name (up to 60 digits) |
| 1/100 | N301 | Address (up to 55 digits) |
| 1/110 | N401 | City (up to 30 digits) |
| | N402 | State (up to 2 digits) |
| | N403 | Zip (up to 15 digits) |
| 2000 | Loop | |
| 2/010 | LX01 | "1" |
| 2100 | Loop | |
| 2/010 | CLP01 | Claim Submitter's Identification |
| | CLP02 | Claim Status Code |
| | CLP03 | Claim Submitted Charges |
| | CLP04 | Claim Payment Amount |
| 2/020 | CAS01 | "OA" or "CO" |
| | CAS02 | "3" Claim Adjustment Reason Code |
| | CAS03 | Claim Adjustment Amount |
| 2/030 | NM101 | "QC" |
| | NM102 | "1" |
| | NM103 | Last Name |
| | NM104 | First Name |
| 2/050 | DTM01 | "232" |
| | DTM02 | Service Begin Date (CCYYMMDD) |
| | DTM01 | "233" |
| | DTM02 | Service End Date (CCYYMMDD) |
| 3/010 | SE01 | Number of Segments |
| | SE02 | Control Number (same as ST02) |