

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 "E1"
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)
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.)
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"

File Translation and Delivery Services: EDI Mapping for Standard Services

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:

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"

File Translation and Delivery Services: EDI Mapping for Standard Services

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

File Translation and Delivery Services: EDI Mapping for Standard Services

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)

File Translation and Delivery Services: EDI Mapping for Standard Services

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 4010

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

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)
1/080 N101	"PE"
N102	Payee Name (up to 60 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

File Translation and Delivery Services: EDI Mapping for Standard Services

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)