

Illinois

Implementation Guide
For
Electronic
Data
Interchange

Transaction Set
Version 4010

820

Remittance

Version 1.03 • June 12, 2000

820 Payment Order/Remittance Advice

Functional Group ID=**RA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Notes:

The specifications of this implementation guide are defined for the passing of payment information between a RES (Retail Electrical Supplier) and a DSP (Distribution Service Provider).

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
	035	TRN	Trace	O	1		c1
	050	REF	Reference Identification	O	>1		
						LOOP ID - N1	>1
	070	N1	Name	O	1		c2

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - ENT	>1
	010	ENT	Entity	O	1		n1, c3
						LOOP ID - RMR	>1
	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c4
	170	REF	Reference Identification	O	>1		
	180	DTM	Date/Time Reference	O	>1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The ENT loop is for vendor or consumer third party consolidated payments.

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.

820 • Payment Order/Remittance Advice

2. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
3. ENT09 may contain the payee's accounts receivable customer number.
4. Loop RMR is for open items being referenced or for payment on account.

820 • Payment Order/Remittance Advice

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 820 Payment Order/Remittance Advice	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Illinois Implementation Guide for Electronic Data Interchange
820 • Payment Order/Remittance Advice

Segment: **BPR** Beginning Segment for Payment Order/Remittance Advice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

Syntax Notes:
Semantic Notes:

- 1 BPR02 specifies the payment amount.
- 2 When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
- 3 BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPR01	305	Transaction Handling Code Code designating the action to be taken by all parties C Payment Accompanies Remittance Advice I Remittance Information Only X Handling Party's Option to Split Payment and Remittance	M ID 1/2
Must Use	BPR02	782	Monetary Amount Monetary amount Total Payment amount credited to Payee's account. The should equal the sum amount of the detail.	M R 1/18
Must Use	BPR03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit C Credit	M ID 1/1
Must Use	BPR04	591	Payment Method Code Code identifying the method for the movement of payment instructions Enter the code that represents the method by which the Payor is paying by. ACH Automated Clearing House (ACH) CHK Check	M ID 3/3
	BPR05	812	Payment Format Code Code identifying the payment format to be used If payment was made via EFT, enter the EFT format that was used. Enter code if BPR04 = "ACH". CCD Cash Concentration/Disbursement (CCD) (ACH) CCP Cash Concentration/Disbursement plus Addenda (CCD+) (ACH) CTX Corporate Trade Exchange (CTX) (ACH)	O ID 1/10
	BPR06	506	(DFI) ID Number Qualifier Code identifying the type of identification number of Depository Financial Institution (DFI) 01 ABA Transit Routing Number Including Check Digits (9 digits)	X ID 2/2
	BPR07	507	(DFI) Identification Number	X AN 3/12

820 • Payment Order/Remittance Advice

BPR08	569	Depository Financial Institution (DFI) identification number Account Number Qualifier	O	ID 1/3
		Code indicating the type of account 01 Time Deposit		
BPR09	508	Account Number	X	AN 1/35
		Account number assigned		
BPR16	373	Date	O	DT 8/8
		Date expressed as CCYYMMDD		

820 • Payment Order/Remittance Advice

Segment: **TRN** Trace
Position: 035
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To uniquely identify a transaction to an application
Syntax Notes:
Semantic Notes: 1 TRN02 provides unique identification for the transaction.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TRN01	481	Trace Type Code Code identifying which transaction is being referenced 1 Current Transaction Trace Numbers	M ID 1/2
Must Use	TRN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Trace number of payment.	M AN 1/30

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **N1** Name
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		PE Payee	
		PR Payer	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		Enter DUNS or DUNS+4.	

Segment: **ENT** Entity
Position: 010
Loop: ENT Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

- Syntax Notes:**
- 1 If any of ENT02 ENT03 or ENT04 is present, then all are required.
 - 2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
 - 3 If either ENT08 or ENT09 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
 (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ENT01	554	Assigned Number	O N0 1/6
Number assigned for differentiation within a transaction set Count.			

820 • Payment Order/Remittance Advice

- Segment:** **RMR** Remittance Advice Accounts Receivable Open Item Reference
- Position:** 150
- Loop:** RMR Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail
- Syntax Notes:**
- 1 If either RMR01 or RMR02 is present, then the other is required.
 - 2 If either RMR07 or RMR08 is present, then the other is required.
- Semantic Notes:**
- 1 If RMR03 is present, it specifies how the cash is to be applied.
 - 2 RMR04 is the amount paid.
 - 3 RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.
- Comments:**
- 1 Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
 - 2 If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
RMR01	128	Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account Account number under which billing is rendered IV Seller's Invoice Number	X ID 2/3
RMR02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If RMR01 = "12" then enter DSP customer account number. If RMR01 = "IV" then enter the invoice number this payment is being applied to.	X AN 1/30
RMR03	482	Payment Action Code Code specifying the accounts receivable open item(s), if any, to be included in the cash application. AJ Adjustment PI Pay Item PO Payment on Account	O ID 2/2
RMR04	782	Monetary Amount Monetary amount Amount of payment. Use minus sign, if negative. Provide decimal.	O R 1/18
RMR07	426	Adjustment Reason Code Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment If an adjustment, then enter one of the following adjustment codes: 72 Authorized Return CS Adjustment IF Insufficient Funds	X ID 2/2
RMR08	782	Monetary Amount Monetary amount Adjustment amount. Use minus sign, if negative. Provide decimal.	X R 1/18

820 • Payment Order/Remittance Advice

Segment: **REF** Reference Identification
Position: 170
Loop: RMR Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 45 Old Account Number Identifies accounts being changed	M ID 2/3
	REF02	127	12 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

820 • Payment Order/Remittance Advice

Segment: **DTM** Date/Time Reference
Position: 180
Loop: RMR Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
			003 Invoice	
			809 Posted	
			814 Payment Due Date	
	DTM02	373	Date Date expressed as CCYYMMDD Enter the payment posting date.	X DT 8/8

820 • Payment Order/Remittance Advice

Segment: **SE** Transaction Set Trailer
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

820 • Payment Order/Remittance Advice

PURPOSE:

The purpose of the 820 is to send remittance advice to the non-billing party.

SCENARIO:

RES submits 820 Remittance Only to DSP in a RES Consolidated Billing scenario.

Customer Payment Info:

Account Number	Amount Paid	Date Paid
7772335099	\$ 2240.33	3/31/1999
6220999221	\$ 795.77	3/22/1999
6620009331	\$ 50.44	3/25/1999
7723388123	\$ 4228.25	4/1/1999
3322850103	\$ 610.33	3/19/1999
4552989025	\$ 4308.14	3/30/1999
2335888602	\$ 3025.72	3/18/1999

TRANSACTION:

ST~820~000000001	Transaction is an 820, Control Number is 000000001.
BPR~I~15258.98~C~ACH~CCP~19990423	Remittance only, for \$15258.98. ACH transaction using CCD+ format. Payment sent through ACH 4/23/1999
TRN~1~100000445	Unique identifier for an application
N1~PR~PAYER NAME~9~1234567891234	Payer qualifier, payer name, DUNS qualifier, DUNS + 4 number
N1~PE~PAYEE NAME~1~987654321	Payee qualifier, payee name, DUNS qualifier, DUNS number
ENT~000001	Assigned number for differentiation within transaction set
RMR~12~7772335099~PO~2240.33~~~~~	Customer account number, payment on account indicator, amount of payment
DTM~809~19990331	Date payment posted to billing system
RMR~12~6220999221~PO~795.77~~~~~	Customer account number, payment on account indicator, amount of payment
DTM~809~19990322	Date payment posted to billing system
RMR~12~6620009331~PO~50.44~~~~~	Customer account number, payment on account indicator, amount of payment
DTM~809~19990325	Date payment posted to billing system
RMR~12~7723388123~PO~4228.25~~~~~	Customer account number, payment on account indicator, amount of payment
DTM~809~19990401	Date payment posted to billing system
RMR~12~3322850103~PO~610.33~~~~~	Customer account number, payment on account indicator, amount of payment
DTM~809~19990319	Date payment posted to billing system
RMR~12~4552989025~PO~4308.14~~~~~	Customer account number, payment on account indicator, amount of payment

820 • Payment Order/Remittance Advice

DTM~809~19990330	Date payment posted to billing system
RMR~12~2335888602~PO~3025.72~~~~~	Customer account number, payment on account indicator, amount of payment
DTM~809~19990318	Date payment posted to billing system
SE~21~000000001	