

TForce Freight

820 Payment Order/Remittance Advice v4010 Specifications

****Use this mapping layout if the Remittance is sent to the bank along with EFT payment.**

<u>Pos. No.</u>	<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max User</u>	<u>Repeat</u>
010	ST	Transaction Set Header	M	1	
020	BPR	Beginning Segment for Remittance Advice	M	1	
050	REF	Reference Identification	O	>1	
060	DTM	Date/Time Reference	O	>1	
LOOP ID – N1					>1
070	N1	Name	O	1	
090	N3	Address Information	O	2	
100	N4	Geographic Location	O	1	
LOOP ID – ENT					>1
010	ENT	Entity	O	1	
LOOP ID – RMR					>1
150	RMR	Remittance Advice Accts Rec. Open Item Ref.	O	1	
LOOP ID – ADX					>1
210	ADX	Adjustment	O	1	
010	SE	Transaction Set Trailer	M	1	

The italic Mandatory or Optional information displayed at the right of every segment heading determines whether the information is required.

ISA - Interchange Control Header	<i>Mandatory</i>
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ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ISA01	I01	Authorization Info Qual.	M	ID	2/2	'00'
ISA03	I03	Security Info Qual.	M	ID	2/2	'00'
ISA05	I05	Interchange ID Qual.	M	ID	2/2	
ISA06	I06	Interchange Sender ID	M	AN	15/15	
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	'02'
ISA08	I07	Interchange Receiver ID	M	AN	15/15	'UPGF'
ISA09	I08	Interchange Date	M	DT	6/6	
ISA10	I09	Interchange Time	M	TM	4/4	
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	'U'
ISA12	I11	Interchange Control Version Number	M	ID	5/5	'00400'
ISA13	I12	Interchange Control Number	M	N0	9/9	
ISA14	I13	Acknowledgment Requested	M	ID	1/1	'0'
ISA15	I14	Test Indicator	M	ID	1/1	'P'
ISA16	I15	Component Element Separator	M		1/1	'>'

GS - Functional Group Header	<i>Mandatory</i>
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ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
GS01	479	Functional ID Code	M	ID	2/2	'RA'
GS02	142	Application Sender's Code	M	AN	2/15	
GS03	124	Application Receiver's Code	M	AN	2/15	'UPGF'
GS04	373	Group Date	M	DT	8/8	
GS05	337	Group Time	M	TM	4/4	
GS06	28	Group Control No	M	N0	1/9	
GS07	455	Responsible Agency Code	M	ID	1/2	'X'
GS08	480	Version/Release Indicator	M	AN	1/12	'004010'

ST - Transaction Set Header	<i>Mandatory</i>
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Purpose: *To indicate the start of a transaction set and to assign a control number*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ST01	143	Transaction Identifier Identifier	M	ID	3/3	'820'
ST02	329	Transaction Set Control Number	M	AN	4/9	

BPR - Beginning Segment for Payment Order/Remittance Advice*Mandatory*

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*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
BPR01	305	Transaction Handling Code	M	AN	1/2	'C'
BPR02	782	Monetary Amount	M	R	1/18	
BPR03	478	Credit/Debit Flag	M	ID	1/1	'C'-Credit
BPR04	597	Payment Method Code	M	ID	3/3	'ACH'
BPR07	507	(DFI) Identification Number	X	ID	3/12	Originating Financial Institute
BPR09	508	Account Number	M	ID	1/3	Bank Acct

REF – Reference Identification*Mandatory*

Purpose: *To specify identifying information*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
REF01	128	Reference Number Qualifier	M	ID	2/3	'EF'-EFT ID #
REF02	127	Reference Identification	X	AN	1/30	Reference to Disbursement or Accts Payable System

DTM – Date/Time*Mandatory*

Purpose: *To specify pertinent dates and times*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	'003'-Invoice Creation Date
DTM02	373	Date	X	DT	8/8	

N1 – Name*Mandatory*

Purpose: *To identify a party by type of organization, name and code*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
N101	98	Entity Identifier	M	ID	2/3	'PR'- Payor
N102	93	Name	C	AN	1/60	

N3 - Address Information*Optional***Purpose:** *To specify the location of the named party*

<u>ANSI</u>	<u>ELEMENT</u>		<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>				
N301	166	Address	M	AN	1/5	

N4 - Geographic Location*Optional***Purpose:** *To specify the geographic place of the name party*

<u>ANSI</u>	<u>ELEMENT</u>		<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>				
N401	19	City Name	O	AN	2/30	
N402	156	State/Province Code	O	ID	2/2	
N403	116	Postal Code	O	ID	3/15	

ENT - Assigned Number*Mandatory***Purpose:** *To designate the entities which are parties to a transaction and specify a reference meaningful to those entities*

<u>ANSI</u>	<u>ELEMENT</u>		<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>				
ENT01	554	Assigned Number	O	N0	1/6	

RMR – Remittance Advice Accts Rec. Open Item Reference*Mandatory***Purpose:** *To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail*

<u>ANSI</u>	<u>ELEMENT</u>		<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>				
RMR01	128	Reference Ident Qualifier	X	ID	2/3	'CN'-Carrier Pro Number 'BM'-Bill of Lading Number (Prefer to receive only the Pro #)
RMR02	127	Reference Identification	X	AN	1/30	
RMR04	782	Monetary Amount	M	R	1/18	

ADX – Adjustment*Optional*

Purpose: *To convey accounts-payable information for the purpose of cash application, including payer-generated debit/credit memos*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ADX01	782	Monetary Amount	M	R	1/18	
ADX02	426	Adjustment Reason Code	M	ID	2/2	'01'-Pricing Error '03'-Extension Error '09'-Terms of Sale '19'-Duplicate Billing '21'-Shipment Method of Payment Incorrect '39'-Reference # Missing 'CN'-Carrier Pro Number
ADX03	128	Reference Ident Qualifier	X	ID	2/3	
ADX04	127	Reference Identifier	X	AN	1/30	

SE - Transaction Set Trailer*Mandatory*

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)*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
SE01	96	Number of included segments	M	N0	1/10	
SE02	329	Transaction Set Control Number	M	AN	4/9	

GE - Functional Group Trailer*Mandatory*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	
GE02	28	Group Control Number	M	N0	1/9	

IEA - Interchange Control Trailer*Mandatory*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	
IEA02	I12	Interchange Control Number	M	N0	9/9	

Example of EDI Payment Order/Remittance Advice (820)
(Remittance is sent to the bank along with EFT payment)

ISA*00* *00* *ZZ*00499999 *02*UPGF
*000817*2119*U*00400*000000001*0*P*>
GS*RA*0555846*UPGF*20001025*0837*427*X*004010
ST*820*0001
BPR*C*197.68*C*ACH***101035485*005467845
REF*EF*1001
DTM*003*20001025
N1*PR*XYZ CORPORATION
N3*1000 MAIN STREET
N4*RICHMOND*VA*23223
ENT*1
RMR*CN*103432291**48.64
RMR*CN*107565894**92.25
RMR*CN*107565905**56.79
ADX*5.28*01*CN*103432291
SE*13*004270001
GE*1*1777^
IEA*1*000001777^

820 Payment Order/Remittance Advice v4010 Specifications

****Use this mapping layout when payment is made through paper check or separate EFT payment**

<u>Pos. No.</u>	<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max User</u>	<u>Repeat</u>
010	ST	Transaction Set Header	M	1	
020	BPR	Beginning Segment for Remittance Advice	M	1	
050	REF	Reference Identification	O	>1	
060	DTM	Date/Time Reference	O	>1	
LOOP ID – N1					>1
070	N1	Name	O	1	
090	N3	Address Information	O	2	
100	N4	Geographic Location	O	1	
LOOP ID – ENT					>1
010	ENT	Entity	O	1	
LOOP ID – RMR					>1
150	RMR	Remittance Advice Accts Rec. Open Item Ref.	O	1	
LOOP ID – ADX					>1
210	ADX	Adjustment	O	1	
010	SE	Transaction Set Trailer	M	1	

The italic Mandatory or Optional information displayed at the right of every segment heading determines whether the information is required.

ISA - Interchange Control Header	<i>Mandatory</i>
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ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ISA01	I01	Authorization Info Qual.	M	ID	2/2	'00'
ISA03	I03	Security Info Qual.	M	ID	2/2	'00'
ISA05	I05	Interchange ID Qual.	M	ID	2/2	
ISA06	I06	Interchange Sender ID	M	AN	15/15	
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	'02'
ISA08	I07	Interchange Receiver ID	M	AN	15/15	'UPGF'
ISA09	I08	Interchange Date	M	DT	6/6	
ISA10	I09	Interchange Time	M	TM	4/4	
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	'U'
ISA12	I11	Interchange Control Version Number	M	ID	5/5	'00400'
ISA13	I12	Interchange Control Number	M	N0	9/9	
ISA14	I13	Acknowledgment Requested	M	ID	1/1	'0'
ISA15	I14	Test Indicator	M	ID	1/1	'P'
ISA16	I15	Component Element Separator	M		1/1	'>'

GS - Functional Group Header	<i>Mandatory</i>
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ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
GS01	479	Functional ID Code	M	ID	2/2	'RA'
GS02	142	Application Sender's Code	M	AN	2/15	
GS03	124	Application Receiver's Code	M	AN	2/15	'UPGF'
GS04	373	Group Date	M	DT	8/8	
GS05	337	Group Time	M	TM	4/4	
GS06	28	Group Control No.	M	N0	1/9	
GS07	455	Responsible Agency Code	M	ID	1/2	'X'
GS08	480	Version/Release Indicator	M	AN	1/12	'004010'

ST - Transaction Set Header	<i>Mandatory</i>
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Purpose: *To indicate the start of a transaction set and to assign a control number*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ST01	143	Transaction Identifier Identifier	M	ID	3/3	'820'
ST02	329	Transaction Set Control Number	M	AN	4/9	

BPR - Beginning Segment for Payment Order/Remittance Advice*Mandatory*

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*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
BPR01	305	Transaction Handling Code	M	AN	1/2	'I'
BPR02	782	Monetary Amount	M	R	1/18	
BPR03	478	Credit/Debit Flag	M	ID	1/1	'C'-Credit
BPR04	597	Payment Method Code	M	ID	3/3	'CHK'

REF - Reference Identification*Mandatory*

Purpose: *To specify identifying information*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
REF01	128	Reference Number Qualifier	M	ID	2/3	'CK'-Check #
REF02	127	Reference Identification	M	AN	1/30	Payment Reference #

DTM - Date/Time*Mandatory*

Purpose: *To specify pertinent dates and times*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	'003'-Invoice Creation Date
DTM02	373	Date	X	DT	8/8	

N1 - Name*Mandatory*

Purpose: *To identify a party by type of organization, name and code*

ANSI <u>CODE</u>	<u>ID</u>	ELEMENT <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
N101	98	Entity Identifier	M	ID	2/3	'PR' - Payor
N102	93	Name	C	AN	1/60	

N3 - Address Information*Optional***Purpose:** *To specify the location of the named party*

<u>ANSI</u>		<u>ELEMENT</u>				
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
N301	166	Address	M	AN	1/5	

N4 - Geographic Location*Optional***Purpose:** *To specify the geographic place of the name party*

<u>ANSI</u>		<u>ELEMENT</u>				
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
N401	19	City Name	O	AN	2/30	
N402	156	State/Province Code	O	ID	2/2	
N403	116	Postal Code	O	ID	3/15	

ENT - Assigned Number*Mandatory***Purpose:** *To designate the entities which are parties to a transaction and specify a reference meaningful to those entities*

<u>ANSI</u>		<u>ELEMENT</u>				
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ENT01	554	Assigned Number	O	N0	1/6	

RMR – Remittance Advice Accts Rec. Open Item Reference*Mandatory***Purpose:** *To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail*

<u>ANSI</u>		<u>ELEMENT</u>				
<u>CODE</u>	<u>ID</u>	<u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
RMR01	128	Reference Ident Qualifier	X	ID	2/3	'CN'-Carrier Pro Number 'BM'-Bill of Lading Number (Prefer to receive only the Pro #)
RMR02	127	Reference Identification	X	AN	1/30	
RMR04	782	Monetary Amount	M	R	1/18	

ADX – Adjustment*Optional*

Purpose: *To convey accounts-payable information for the purpose of cash application, including payer-generated debit/credit memos*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
ADX01	782	Monetary Amount	M	R	1/18	
ADX02	426	Adjustment Reason Code	M	ID	2/2	'01'-Pricing Error '03'-Extension Error '09'-Terms of Sale '19'-Duplicate Billing '21'-Shipment Method of Payment Incorrect '39'-Reference # Missing 'CN'-Carrier Pro Number
ADX03	128	Reference Ident Qualifier	X	ID	2/3	
ADX04	127	Reference Identifier	X	AN	1/30	

SE - Transaction Set Trailer*Mandatory*

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)*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
SE01	96	Number of included segments	M	N0	1/10	
SE02	329	Transaction Set Control Number	M	AN	4/9	

GE - Functional Group Trailer*Mandatory*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	
GE02	28	Group Control Number	M	N0	1/9	

IEA - Interchange Control Trailer*Mandatory*

<u>ANSI</u> <u>CODE</u>	<u>ID</u>	<u>ELEMENT</u> <u>DESCRIPTION</u>	<u>REQ</u>	<u>TYPE</u>	<u>MIN/MAX</u>	<u>CONTENTS</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	
IEA02	I12	Interchange Control Number	M	N0	9/9	

Example of EDI Payment Order/Remittance Advice (820)
(Payment is made through paper check)

ISA*00* *00* *ZZ*00499999 *02*UPGF
*000817*2119*U*00400*000000001*0*P*>
GS*RA*0555846*UPGF*20001025*0837*427*X*004010
ST*820*0001
BPR*I*197.68*C*CHK
REF*CK*1001
DTM*003*20001025
N1*PR*XYZ CORPORATION
N3*1000 MAIN STREET
N4*RICHMOND*VA*23223
ENT*1
RMR*CN*103432291**48.64
RMR*CN*107565894**92.25
RMR*CN*107565905**56.79
ADX*5.28*01*CN*103432291
SE*13*004270001
GE*1*1777^
IEA*1*000001777^

Business Policies

- Remittance advice must reference pro number to ensure proper application of payment.