

# 824 Application Advice

X12/V4010/824: 824 Application Advice

**Version: 1.3**

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# 824

## Application Advice

### Functional Group=AG

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

#### Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory

#### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Mandatory
020	BGN	Beginning Segment	M	1			Mandatory
<b>LOOP ID - N1</b>					<b>&gt;1</b>		
030	N1	Name	O	1			Mandatory

#### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - OTI</b>					<b>&gt;1</b>	<b>N2/010L</b>	
010	OTI	Original Transaction Identification	M	1		N2/010	Mandatory
020	REF	Reference Identification	O	12		N2/020	Recommended
090	SE	Transaction Set Trailer	M	1			Mandatory

#### Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

#### Notes:

- 2/010L The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
- 2/010 The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
- 2/020 The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

# ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Mandatory

To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<b>Authorization Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Authorization Information <b>All valid standard codes are used.</b>	M	ID	2/2	Mandatory
ISA02	I02	<b>Authorization Information</b> <b>Description:</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Mandatory
ISA03	I03	<b>Security Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Security Information <b>All valid standard codes are used.</b>	M	ID	2/2	Mandatory
ISA04	I04	<b>Security Information</b> <b>Description:</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Mandatory
ISA05	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <b>All valid standard codes are used.</b>	M	ID	2/2	Mandatory
ISA06	I06	<b>Interchange Sender ID</b> <b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element <b>User Note 1:</b> EFS's Production ID - 4225200000 EFS's Test ID - 422520TEST	M	AN	15/15	Mandatory
ISA07	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <b>All valid standard codes are used.</b>	M	ID	2/2	Mandatory
ISA08	I07	<b>Interchange Receiver ID</b> <b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M	AN	15/15	Mandatory
ISA09	I08	<b>Interchange Date</b> <b>Description:</b> Date of the interchange	M	DT	6/6	Mandatory
ISA10	I09	<b>Interchange Time</b> <b>Description:</b> Time of the interchange	M	TM	4/4	Mandatory
ISA11	I10	<b>Interchange Control Standards Identifier</b> <b>Description:</b> Code to identify the agency	M	ID	1/1	Mandatory

responsible for the control standard used by the message that is enclosed by the interchange header and trailer

**All valid standard codes are used.**

ISA12	I11	<b>Interchange Control Version Number</b> <b>Description:</b> Code specifying the version number of the interchange control segments	M	ID	5/5	Mandatory
		<b>Code</b> <b>Name</b> 00401                      Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Mandatory
ISA14	I13	<b>Acknowledgment Requested</b> <b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1	Mandatory
		<b>Code</b> <b>Name</b> 0                              No Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b> <b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information	M	ID	1/1	Mandatory
		<b>Code</b> <b>Name</b> P                              Production Data T                              Test Data				
ISA16	I15	<b>Component Element Separator</b> <b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Mandatory
		<b>User Note 1:</b> EFS uses the '@' symbol on its outbound transactions.				

### User Note 1:

EFS Network will send the asterisk ("\*\*") as the element separator.  
EFS Network will send the asterisk ("~") as the segment terminator.  
EFS Network will send the at sign ("@") as the composite delimiter

**GS****Functional Group Header**

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Mandatory

To indicate the beginning of a functional group and to provide control information

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	<b>Functional Identifier Code</b> <b>Description:</b> Code identifying a group of application related transaction sets	M	ID	2/2	Mandatory
		<b>Code</b> <b>Name</b> AG                  Application Advice (824)				
GS02	142	<b>Application Sender's Code</b> <b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners <b>User Note 1:</b> EFS Production and test ID - 4225200000	M	AN	2/15	Mandatory
GS03	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Mandatory
GS04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Mandatory
GS05	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Mandatory
GS06	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Mandatory
GS07	455	<b>Responsible Agency Code</b> <b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Mandatory
		<b>Code</b> <b>Name</b> X                  Accredited Standards Committee X12				
GS08	480	<b>Version / Release / Industry Identifier Code</b> <b>Description:</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Mandatory
		<b>Code</b> <b>Name</b> 004010            Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

**Semantics:**

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set	M	ID	3/3	Mandatory
		<b>Code</b> <b>Name</b> 824                Application Advice				
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> 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	Mandatory

## Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

# BGN Beginning Segment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**User Option (Usage):** Mandatory

To indicate the beginning of a transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGN01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set	M	ID	2/2	Mandatory
		<b>Code</b> <b>Name</b>				
		00                  Original				
BGN02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Mandatory
BGN03	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Mandatory
BGN04	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM	4/8	Mandatory

## Syntax:

1. C0504 - If BGN05 is present, then all of BGN04 are required

## Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.

# Loop N1

Pos: 030	Repeat: >1
Loop: N1	Optional
	Elements: N/A

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
030	N1	Name	O	1		Mandatory

## User Note 1:

*This segment is primarily intended to be used to help identify the party that received the document. It is also intended to be used to help identify the original sending party, if necessary. For a partner delivery acknowledgement of a document that was sent to a Distributor, EFS will send the Supplier N1 segments with a "BT" qualifier and a "ST" qualifier.*

*For a partner delivery acknowledgement of a document that was sent to a Supplier, EFS will send the Distributor the N1 segments with a "VN" qualifier and "ST" qualifier.*

# N1

# Name

<b>Pos: 030</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Mandatory
		<b>Code</b> <b>Name</b>				
		BT                Bill-to-Party				
		ST                Ship To				
		VN                Vendor				
N102	93	<b>Name</b> <b>Description:</b> Free-form name	X	AN	1/60	Used
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>All valid standard codes are used.</b>	X	ID	1/2	Mandatory
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	M	AN	2/80	Mandatory

**Syntax:**

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

**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.

# Loop OTI

Pos: 010	Repeat: >1
Mandatory	
Loop: OTI	Elements: N/A

To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	OTI	Original Transaction Identification	M	1		Mandatory
020	REF	Reference Identification	O	12		Recommended

# OTI Original Transaction Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: OTI	Elements: 8

**User Option (Usage):** Mandatory

To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
OTI01	110	<b>Application Acknowledgment Code</b> <b>Description:</b> Code indicating the application system edit results of the business data <b>All valid standard codes are used.</b>	M	ID	1/2	Mandatory										
OTI02	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>All valid standard codes are used.</b>	M	ID	2/3	Mandatory										
OTI03	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Mandatory										
OTI04	142	<b>Application Sender's Code</b> <b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners	O	AN	2/15	Mandatory										
OTI05	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners	O	AN	2/15	Mandatory										
OTI06	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>User Note 1:</b> <i>DATE (OTI-06) is the Date the PO, PO Confirmation, Ship Notice, or Invoice was successfully delivered to the receiving partner.</i>	O	DT	8/8	Mandatory										
OTI07	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <b>User Note 1:</b> <i>TIME (OTI-07) is the Time the PO, PO Confirmation, Ship Notice, or Invoice was successfully delivered to the receiving partner.</i>	O	TM	4/8	Mandatory										
OTI10	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set  <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>810</td> <td>Invoice</td> </tr> <tr> <td>850</td> <td>Purchase Order</td> </tr> <tr> <td>855</td> <td>Purchase Order Acknowledgment</td> </tr> <tr> <td>856</td> <td>Ship Notice/Manifest</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	810	Invoice	850	Purchase Order	855	Purchase Order Acknowledgment	856	Ship Notice/Manifest	O	ID	3/3	Mandatory
<u>Code</u>	<u>Name</u>															
810	Invoice															
850	Purchase Order															
855	Purchase Order Acknowledgment															
856	Ship Notice/Manifest															

## Syntax:

1. C0908 - If OTI09 is present, then all of OTI08 are required

**Semantics:**

1. OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
2. OTI06 is the group date.
3. OTI07 is the group time.

**Comments:**

1. OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
2. If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
3. If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

# REF Reference Identification

Pos: 020	Max: 12
Detail - Optional	
Loop: OTI	Elements: 2

**User Option (Usage):** Recommended

To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Mandatory
		<b>Code</b> <b>Name</b> CR            Customer Reference Number FI            File Identifier				
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Used

## Syntax:

1. R0203 - At least one of REF02,REF03 is required

## User Note 1:

*This segment is only to be used if additional reference identification is needed*

# SE Transaction Set Trailer

Pos: 090	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Mandatory
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> 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	Mandatory

**Comments:**

1. SE is the last segment of each transaction set.

**GE****Functional Group Trailer**

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

To indicate the end of a functional group and to provide control information

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	<b>Number of Transaction Sets Included</b> <b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Mandatory
GE02	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Mandatory

**Semantics:**

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

**Comments:**

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

**IEA****Interchange Control Trailer**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

To define the end of an interchange of zero or more functional groups and interchange-related control segments

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	<b>Number of Included Functional Groups</b> <b>Description:</b> A count of the number of functional groups included in an interchange	M	N0	1/5	Mandatory
IEA02	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Mandatory