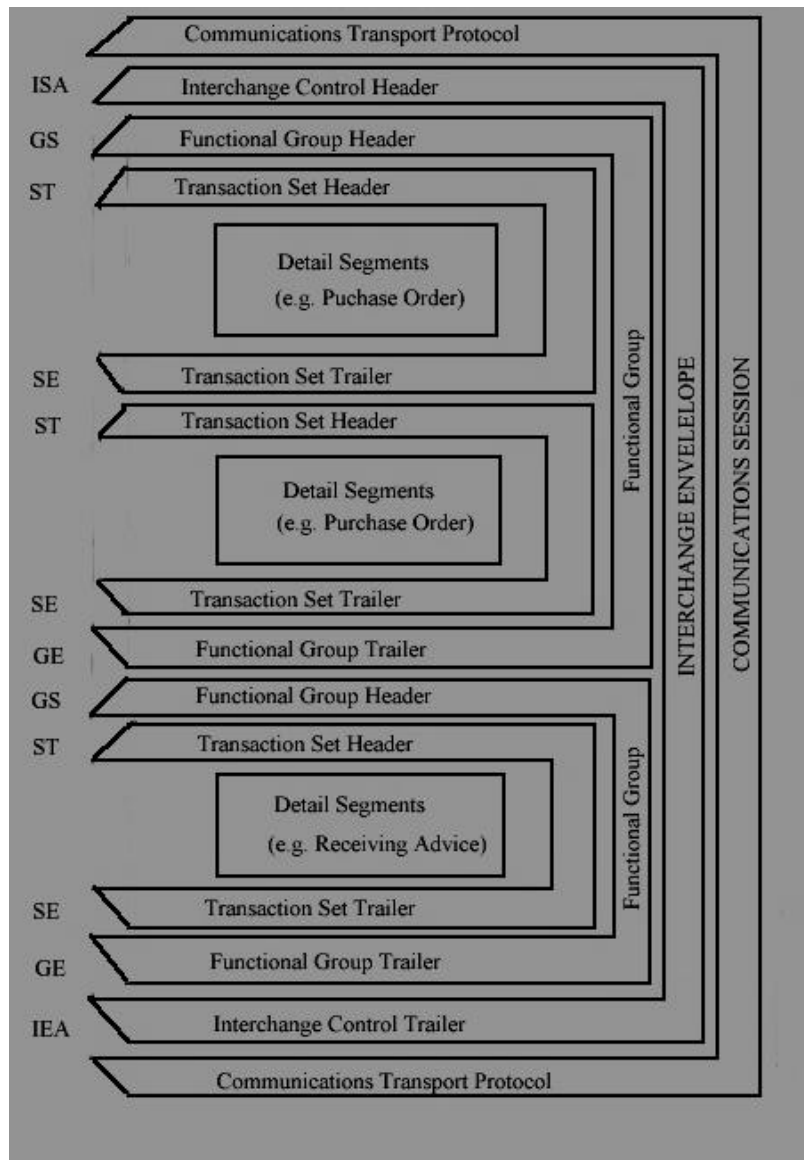


# HEADER & TRAILER

## Interchange and Group Header and Trailer Version 3010

ISA	Interchange Control Header
GS	Functional Group Header
GE	Functional Group Trailer
IEA	Interchange Control Trailer



**Segment:** ISA Interchange Control Header  
**Position:** 010  
**Loop:**  
**Level:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** Marks the beginning of the transmission and provides the sender/receiver identification.  
**Example:** ISA\*00\* \*00\* \*01\*054318936  
\*01\*123456789 \*020801\*0900\*U\*00400\*00000012\* 0\* T\*>  
**Comments:**

### Data Element Summary

<i>Ref. Des.</i>	<i>Data Element</i>	<i>Name</i>	<i>Attributes</i>
ISA01	I01	Authorization Information Qualifier <ul style="list-style-type: none"> <li>00 - Not Used</li> </ul>	M ID 2/ 2
ISA02	I02	Authorization Information	M AN 10/ 10
ISA03	I03	Security Information Qualifier <ul style="list-style-type: none"> <li>00 - Not Used</li> </ul>	M ID 2/ 2
ISA04	I04	Security Information	M AN 10/ 10
ISA05	I05	Interchange ID Qualifier Sender ID Qualifier <ul style="list-style-type: none"> <li>01 - Duns (Dun &amp; Bradstreet)</li> <li>ZZ - Mutually Defined</li> </ul>	M ID 2/ 2
ISA06	I06	Interchange Sender ID	M AN 15/ 15
ISA07	I05	Interchange ID Qualifier. Receiver ID Qualifier. Same Qualifiers as ISA05	M ID 2/ 2
ISA08	I07	Interchange Receiver ID	M AN 15/ 15
ISA09	I08	Interchange Date	M DT 6/ 6
ISA10	I09	Interchange Time	M TM 4/ 4
ISA11	I10	Interchange Control Standards Identifier. <ul style="list-style-type: none"> <li>U - U. S. EDI Community of ASC X12, TDCC and UCS</li> </ul>	M ID 1/ 1
ISA12	I11	Interchange Control Version Number This version number covers the interchange control segments. <ul style="list-style-type: none"> <li>00200 - Standard issued as ANSI X12.5 -1987</li> <li>00300 - Standard issued as ANSI X12.5 -1992</li> <li>00400 - Standard issued as ANSI X12.5 -1997</li> </ul>	M ID 5/ 5
ISA13	I12	Interchange Control Number This number uniquely identifies the interchange data to the sender.	M N0 9/ 9
ISA14	I13	Acknowledgement Requested <ul style="list-style-type: none"> <li>0 - No acknowledgement requested.</li> <li>1 - Interchange acknowledgement requested.</li> </ul>	M ID 1/ 1
ISA15	I14	Usage Indicator Code to indicate whether data enclosed by this interchange envelope is test or production. <ul style="list-style-type: none"> <li>T - Test</li> <li>P - Production</li> </ul>	M ID 1/ 1
ISA16	I16	Component Element Separator 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. <ul style="list-style-type: none"> <li>&gt;</li> </ul>	M AN 1/ 1

**Segment:** GS Segment Functional Group Header  
**Position:** 020  
**Loop:**  
**Level:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** Marks the beginning of the functional group and provides the sender/receiver identification.  
**Example:** GS\*IN\*054318936\*123456789\*020801\*0900\*12\*X\*003010  
**Comments:**

### Data Element Summary

<i>Ref. Des.</i>	<i>Data Element</i>	<i>Name</i>	<i>Attributes</i>
GS01	0479	Code Identifying Information Type Corresponding functional group. FA - Functional Acknowledgements PS - Planning Schedule with Release Capability SH - Ship Notice / Manifest SS - Shipping Schedule	M ID 2/ 2
GS02	0142	Sender ID Code Sender's ID Code	M AN 2/ 12
GS03	0124	Receiver ID Code Receiver's ID Code	M AN 2/ 12
GS04	0373	Date Transmission Date.	M DT 6/6
GS05	0337	Time Transmission Time.	M TM 4/ 4
GS06	0028	Group Control Number	M NO 1/9
GS07	0455	Transaction Type Code Responsible Agency Code. • X - ANSI X-12	M ID 1/ 2
GS08	0480	Version and Release X-12 versions and release • 003010 – Version 3, Release 1	M AN 1/ 12

Segment: **GE Segment Functional Group Trailer**  
 Position: 020  
 Loop:  
 Level: Trailer  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: Marks the ending of the functional group and provides the sender/ receiver identification  
 Example: GE\* 1\* 12  
 Comments:

**Data Element Summary**

<i>Ref. Des.</i>	<i>Data Element</i>	<i>Name</i>	<i>Attributes</i>
GE01	0097	Number of Included Sets Number of transaction sets in functional group.	M N0 1/ 6
GE02	0028	Group Control Number Functional group control number. Should match what was sent in GS06.	M N0 1/ 9

Segment: **IEA Interchange Control Trailer**  
 Position: 040  
 Loop:  
 Level: Trailer  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: Marks the ending of the functional group and provides the sender/ receiver identification.  
 Example: IEA\* 1\* 00000012  
 Comments:

**Data Element Summary**

<i>Ref. Des.</i>	<i>Data Element</i>	<i>Name</i>	<i>Attributes</i>
IEA01	I16	Number of Functional Groups in Transmission Number of Functional Groups in Transmission	M N0 1/ 5
IEA02	I12	Transmission Control Number Control Number should match ISA13.	M N0 9/ 9