

## 997 Functional Acknowledgment

The purpose of this section is to outline the segments used for conveying a Functional Acknowledgment (FA). FA's are required for each functional group transmitted and sent by the receiver to the sender. The FA described in this document is an acknowledgment in the simplest form and provides response at the functional group level using the AK1 and AK9 segments only

<b>ST</b>	Transaction Set Header
<b>AK1</b>	Functional Group Response Header
<b>AK9</b>	Functional Group Response Trailer
<b>SE</b>	Transaction Set trailer

### Segment Detail

#### AK1 – Functional Group Response Header

This segment indicates the beginning of the functional group and contains Id Code and the Group Control Number of the transmission being acknowledged.

HUB DISTRIBUTING Inc requirements/recommendations:

- **AK101 Functional Identifier Code** M 2/2  
Value in the GS01 for the original transmission:
  - 'IN' (810) Invoice.
  - 'PD' (852) Product Activity Data.
  - 'PO' (850) Purchase Order.
  - 'SC' (832) Price Sales Catalog.
  - 'SH' (856) Ship Notice Manifest.
- **AK102 Group Control Number** M 1/9  
Value sent in the GS06 for the original transmission

#### AK9 – Functional Group Response Trailer

This segment acknowledges acceptance or rejection of a functional group and reports the number of included transaction sets from the original trailer.

HUB DISTRIBUTING Inc requirements/recommendations:

- **AK901 Functional Group Acknowledge Code** M 1/1  
Value will be:
  - 'A' Accepted

- **AK902**    **Number of Transaction Sets Included**                    **M**                    **1/6**  
Value will be:  
Total number of transaction sets included in the functional group or interchange (transmission) group.
  
- **AK903**    **Number of Received Transaction Sets**                    **M**                    **1/6**  
Value will be:  
Number of transaction Sets received.
  
- **AK904**    **Number of Accepted Transaction Sets**                    **M**                    **1/6**  
Value will be:  
Number of accepted Transaction Sets in a Functional Group.



## Example of EDI Functional Acknowledgment (997)

### (Basic Version)

This is an example EDI transmission that can be matched up to the example paper report on the previous page. Again, field separators are denoted by an asterisk, and end-of-line markers are denoted by and|.

```

ISA*00*      *00*      *01*Your ID      *12*7149886431
*040105*1852*U*00401*000000014*0*P|
GS*FA*074783689*7149886431*20040105*1852*539*X*004010VICS|
ST*997*000000009|
AK1*PO*000000008|
AK9*A*1*1*1|
SE*4*000000009|
GE*1*539|
IEA*1*000000014|

```