

## EXPLANATION OF DATA ELEMENT LEVEL 997 SEGMENTS

Data segments	Breakdown
AK1*IN*123321~	GS Control # on original invoice
AK2*810*789987~	ST Control # on original invoice
AK3*SAC*44**8~	<p>SAC – Problem segment</p> <p>44 – Problem is on the 44th line. Line count starts with the ST segment</p> <p>8 – error code – segment has data element errors</p> <p>AK304 Error Codes:</p> <p>1-unrecognized segment ID</p> <p>2-unexpected segment</p> <p>3-mandatory segment missing</p> <p>4-loop occurs over maximum times allowed</p> <p>5-segment exceeds max use</p> <p>6-segment not in defined transaction</p> <p>7-segment not in proper sequence</p> <p>8-segment has data element errors</p>

AK4\*5\*0610\*6\*126.8  
6

5 – Problem in 5th element (ie: SAC05)  
0610 – Component data element position in composite  
6 – error code - invalid character in element  
126.86 – actual data in problem element

AK403 Error Codes:

- 1-mandatory data element missing
- 2-conditional required element missing
- 3-too many data elements
- 4-data element too short
- 5-data element too long
- 6-invalid character in element
- 7-invalid code value
- 8-invalid data
- 9-invalid time
- 10-exclusion condition violations

AK5\*R\*5~

A – Accepted

E – Accepted, but with Errors

R – Rejected

5 – One or more segments in error

AK502 Error Codes:

1- TRANSACTION SET NOT SUPPORTED

2- TRANSACTION SET TRAILER MISSING

3- TRANSACTION SET CONTROL NUMBER IN HEADER AND TRAILER DO NOT MATCH

4- NUMBER OF INCLUDED SEGMENTS DOES NOT MATCH ACTUAL COUNT

5- ONE OR MORE SEGMENTS IN ERROR

6- MISSING OR INVALID TRANSACTION SET IDENTIFIER

7- MISSING OR INVALID TRANSACTION SET CONTROL NUMBER

8- AUTHENTICATION KEY NAME UNKNOWN

9- ENCRYPTION KEY NAME UNKNOWN

10- REQUESTED SERVICE (AUTHENTICATION OR ENCRYPTED) NOT AVAILABLE

11- UNKNOWN SECURITY RECIPIENT

12- INCORRECT MESSAGE LENGTH (ENCRYPTION ONLY)

13- MESSAGE AUTHENTICATION CODE FAILED

14- INTENTIONALLY LEFT BLANK – NO CODE 14

15- UNKNOWN SECURITY ORIGINATOR

16- SYNTAX ERROR IN DECRYPTED TEXT

17- SECURITY NOT SUPPORTED

18- INTENTIONALL LEFT BLANK – NO CODE 18

19- S1E SECURITY END SEGMENT MISSING FOR S1S SECURITY START SEGMENT

20- S1S SECURITY START SEGMENT MISSING FOR S1E SECURITY END SEGMENT

21- S2E SECURITY END SEGMENT MISSING FOR S2S SECURITY START SEGMENT

22- S2S SECURITY START SEGMENT MISSING FOR S2E SECURITY END SEGMENT

23- TRANSACTION SET CONTROL NUMBER NOT UNIQUE WITHIN THE FUNCTIONAL G

24- S3E SECURITY END SEGMENT MISSING FOR S3S SECURITY START SEGMENT

25- S3S SECURITY START SEGMENT MISSING FOR S3E SECURITY END SEGMENT

26- S4E SECURITY END SEGMENT MISSING FOR S4S SECURITY START SEGMENT

27- S4S SECURITY START SEGMENT MISSING FOR S4E SECURITY END SEGMENT

AK9\*R\*1\*1\*0~

R – rejected

AK901 Error Codes:

A=Accepted

E=Accepted but with errors

P = Partially accepted, at least one transaction rejected R=Rejected

M=Rejected, message authentication code (MAC) failed

W=Rejected, assurance failed validity tests

X=Rejected, content after decryption could not be analyzed

1 (AK902) = # of Transaction Sets included

1 (AK903) = # of Received Transaction Sets

0 (AK904) = # of Transaction Sets accepted