

# CareNET Services Inc.

## Functional Acknowledgement (997) Standard (4010)

Last Update: December 8, 2005

C:\997v4010

SEG.	ELEM.	DESCRIPTION	TYPE	REQ.	LENGTH		REQUIRED CONTENTS / NOTE
					MIN.	MAX.	
ST	1	Transaction Set ID	ID	M	3	3	997 = Functional Acknowledgement
	2	Transaction Set Control Number	AN	M	4	9	This should be a sequential ascending # for each transaction
AK1	1	Functional ID Code	ID	M	2	2	AG = 824 (application advice) FA = 997 (functional acknowledgement) IN = 810 (invoice) PO = 850 (purchase order) PR = 855 (purchase order ack.) PT = 867 (product transfer & resale report) RA = 820 (payment advice) RQ = 840 (request for quote) RR = 843 (quote response) SC = 832 (price/sales catalog) SH = 856 (advance ship notice)
	2	Group Control Number	N	M	1	9	Data ICN from the GS segment in the functional group being acknowledged
AK2	1	Segment ID Code	ID	M	3	3	Refers to the ST01 (transaction set ID) in the transaction set being acknowledged
	2	Transaction Set Control Number	AN	M	4	9	Refers to the ST02 (transaction set control #) in the transaction set being acknowledged
AK3	1	Segment ID Code	ID	M	2	3	Code defining the segment ID of the data segment in error
	2	Segment Position in Transaction Set	N0	M	1	6	The numerical count position of this data segment from the start of the transaction set Transaction set header is count position 1
	3	Loop Identifier Code	AN	O	1	6	The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE
	4	Segment Syntax Error Code	ID	O	1	3	1 = unrecognized segment ID 2 = unexpected segment 3 = mandatory segment missing 4 = loop occurs over maximum times 5 = segment exceeds maximum use 6 = segment not in defined transaction set 7 = segment not in proper sequence 8 = segment has data element errors

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SEG.	ELEM.	DESCRIPTION	TYPE	REQ.	LENGTH		REQUIRED CONTENTS / NOTE
					MIN.	MAX.	
AK4	1	Position in Segment	N0	M	1	2	Code defining the segment ID of the data segment in error
	2	Date Element Reference Number	N0	O	1	4	The numerical count position of this data segment from the start of the transaction set Transaction set header is count position 1
	3	Data Element Syntax Error Code	ID	M	1	3	The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE
	4	Copy of Bad Data Element	AN	O	1	99	1 = unrecognized segment ID 2 = unexpected segment 3 = mandatory segment missing 4 = loop occurs over maximum times 5 = segment exceeds maximum use 6 = segment not in defined transaction set 7 = segment not in proper sequence 8 = segment has data element errors
AK5	1	Transaction Set Acknowledgement Code	ID	M	1	1	A = accepted E = accepted but errors noted P = at least 1 transaction set rejected R = rejected
	2	Transaction Set Syntax Error Code	ID	O	1	3	1 = Transaction set (TS) not supported 2 = Transaction set (TS) trailer missing 3 = Transaction set control # mismatch 4 = # of included segments not = count 5 = one or more segments in error 6 = Missing/invalid TS identifier 7 = Missing/invalid TS control #
	3	Transaction Set Syntax Error Code	ID	O	1	3	See code values above
	4	Transaction Set Syntax Error Code	ID	O	1	3	See code values above
	5	Transaction Set Syntax Error Code	ID	O	1	3	See code values above
	6	Transaction Set Syntax Error Code	ID	O	1	3	See code values above

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SEG.	ELEM.	DESCRIPTION	TYPE	REQ.	LENGTH		REQUIRED CONTENTS / NOTE
					MIN.	MAX.	
AK9	1	Functional Group Acknowledge Code	ID	M	1	1	A = accepted E = accepted but errors noted P = at least 1 transaction set rejected R = rejected
	2	Number of Included Transaction Sets	N0	M	1	6	
	3	Number of Transaction Sets Received	N0	M	1	6	
	4	Number of Accepted Transaction Sets	N0	M	1	6	
	5	Functional Group Syntax Error Code	ID	O	1	3	1 = Functional group not supported 2 = Functional group version not supported 3 = Functional group trailer missing 4 = Data ICN in the functional group header and trailer do not agree 5 = # of included transaction sets does not match actual count
	6	Functional Group Syntax Error Code	ID	O	1	3	See code values above
	7	Functional Group Syntax Error Code	ID	O	1	3	See code values above
	8	Functional Group Syntax Error Code	ID	O	1	3	See code values above
	9	Functional Group Syntax Error Code	ID	O	1	3	See code values above
SE	1	Number of Included Segments	N0	M	1	6	Includes ST, SE, and all segments between
	2	Transaction Set Control Number	AN	M	4	9	This value should match the ST02 value

### Notes:

1. The suggested element separator for CareNET documents is the carat (^)
2. The suggested segment terminator for CareNET documents is the tilde (~)
3. AK2, AK3, AK4 and AK5 segments are optional

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					MIN.	MAX.	

**Sample Functional Acknowledgement (Positive/Accepted)**

```

ISA^00^      ^00^      ^ZZ^306009503  ^ZZ^306000000  ^051207^1300^U^00401^000000005^0^P^
GS^FA^306009503^306000000^20051207^1119^688330001^X^004010
ST^997^0001
AK1^PO^7409
AK9^A^1^1^1
SE^4^0001
GE^1^688330001
IEA^1^688330000
    
```

**Sample Functional Acknowledgement (Negative/Rejected)**

```

ISA^00^      ^00^      ^ZZ^306009503  ^ZZ^306000000  ^051207^1300^U^00401^000000005^0^P^
GS^FA^306009503^306000000^20051207^1119^688330001^X^004010
ST^997^0001
AK1^PO^7409
AK9^E^2^2^0
SE^4^0001
GE^1^688330001
IEA^1^688330000
    
```