

EDI Integrator Release 5.5e or higher

Technical
Memo

157

Enhancements to Functional Acknowledgement Processing

January 22, 2003

Functional Acknowledgement (FA) processing has been enhanced on two fronts.

New values for Acknowledgement level to send

The **Trading partner details** 2 panel's Acknowledgement level to send field now supports these values:

Code	Description
E	Element lvl; msgs in err
F	Element level; all msgs
S	Segment lvl; msgs in err
T	Segment level; all msgs

Segment and element EDI data will only be validated when the Acknowledgement level to send field is set to element or segment level. Interchange, group, and message level values do not check elements or segments – i.e., levels **I, G, M, O**.

Flags used for Ack err response map

Enhancements have been made to use the Ack err response map flags for group, message, segment, and element to determine the acknowledge code for functional acknowledgements.

Ack err response map group

- Positions **1-10** must be blank, "997", or "999". These are selection variables for CRTFADTA.
- Positions **11-15** will be for group level ack response codes. Valid values are: blank, **I, E, or R** (blank and **I** are the same: ignore errors).

Position	Description
11	Functional group not supported
12	Functional group version not supported
13	Functional group trailer missing
14	Group control number in the functional group
15	Number of included transactions sets does not match

- Positions **16-20** are not used.

Ack err response map message

- Positions **1-5** will be for message level ack response codes. Valid values are: blank, **I**, **E**, or **R** (blank and **I** are the same: ignore errors).

Position	Description
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
5	One or More Segments in Error (future use)

- Positions **6-20** are not used.

Ack err response map segment

- Positions **1-5** will be for segment level ack response codes. Valid values are: blank, **I**, **E**, or **R**. The values for errors **1-4** must be **R** and **5** must be **I**; otherwise, unpredictable results may occur.

Position	Description
1	Unrecognized segment ID
2	Unexpected segment
3	Mandatory segment missing
4	Loop Occurs Over Maximum Times
5	Segment Exceeds Maximum Use (not implemented)

- Positions **6-20** are not used.

Ack err response map element

- Positions **1-9** will be for element level ack response codes. Valid values are: blank, **I**, **E**, or **R** (blank and **E** are the same: note error).

Position	Description
1	Mandatory element missing
2	Cond. element missing (not implemented)
3	Too many elements (not implemented)
4	Element too short
5	Element too long
6	Invalid char. in element
7	Invalid code in ID element
8	Invalid date
9	Invalid time

- Positions **10-20** are not used.