

EDI Implementation Guidelines

for Strattec Security Corporation

Delivery Forecast – Version D.97A

Revision Log

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Introduction

This document provides the implementation guidelines for the Strattec Delivery Forecast message. This implementation is based on the D.97A version of the UN/EDIFACT standard.

Message Definition

This document provides the definition of a Delivery Instruction Message, based on the EDIFACT DELFOR D97.A, to be used in Electronic Data Interchange (EDI) between Strattec Security Corporation and its trading partners. This documentation is fully comprehensive and allows the implementation of the EDIFACT DELFOR without the necessity for any additional standard-related documentation.

Message Description

Segment Table

Pos	Tag	Name	Usage	Repeats
0010	UNH	Message Header	M	1
0020	BGM	Beginning of Message	M	1
0030	DTM	Date/Time/Period	M	10
0040	FTX	Free Text	Not Used	
0050		Segment Group 1	Not Used	
0060	RFF	Reference	Not Used	
0070	DTM	Date/Time/Period	Not Used	
0080		Segment Group 2	M	99
0090	NAD	Name and Address	M	1
0100		Segment Group 3	Not Used	
0110	RFF	Reference	Not Used	
0120	DTM	Date/Time/Period	Not Used	
0130		Segment Group 4	C	10
0140	CTA	Contact Information	M	1
0150	COM	Communication Contact	C	5
0160		Segment Group 5	Not Used	
0170	TDT	Details of Transport	Not Used	
0180	DTM	Date/Time/Period	Not Used	
0190		Segment Group 6	M	9999
0200	GIS	General Indicator	M	1
0210		Segment Group 7	C	1
0220	NAD	Name and Address	M	1
0230	LOC	Place/Location Identification	Not Used	
0240	FTX	Free Text	Not Used	
0250		Segment Group 8	Not Used	
0260	RFF	Reference	Not Used	

0270	DTM	Date/Time/Period	Not Used	
0280		Segment Group 9	Not Used	
0290	DOC	Document/Message Details	Not Used	
0300	DTM	Date/Time/Period	Not Used	
0310		Segment Group 10	Not Used	
0320	CTA	Contact Information	Not Used	
0330	COM	Communication Contact	Not Used	
0340		Segment Group 11	Not Used	
0350	TDT	Details of Transport	Not Used	
0360	DTM	Date/Time/Period	Not Used	
0370		Segment Group 12	C	9999
0380	LIN	Line Item	M	1
0390	PIA	Additional Product ID	Not Used	
0400	IMD	Item Description	Not Used	
0410	MEA	Measurements	Not Used	
0420	ALI	Additional Information	Not Used	
0430	GIN	Goods Identity Number	Not Used	
0440	GIR	Related Identification Numbers	Not Used	
0450	LOC	Place/Location Identification	Not Used	
0460	DTM	Date/Time/Period	Not Used	
0470	FTX	Free Text	Not Used	
0480		Segment Group 13	C	10
0490	RFF	Reference	M	1
0500	DTM	Date/Time/Period	Not Used	
0510		Segment Group 14	Not Used	
0520	TDT	Details of Transport	Not Used	
0530	DTM	Date/Time/Period	Not Used	
0540		Segment Group 15	Not Used	
0550	QTY	Quantity	Not Used	
0560	DTM	Date/Time/Period	Not Used	
0570		Segment Group 16	Not Used	
0580	RFF	Reference	Not Used	
0590	DTM	Date/Time/Period	Not Used	
0600		Segment Group 17	C	999
0610	SCC	Scheduling Conditions	M	1
0620		Segment Group 18	C	999
0630	QTY	Quantity	M	1
0640	DTM	Date/Time/Period	C	2
0650		Segment Group 19	Not Used	
0660	RFF	Reference	Not Used	
0670	DTM	Date/Time/Period	Not Used	
0680		Segment Group 20	Not Used	
0690	PAC	Package	Not Used	
0700	MEA	Measurements	Not Used	
0710	QTY	Quantity	Not Used	
0720	DTM	Date/Time/Period	Not Used	

0730		Segment Group 21	Not Used
0740	PCI	Package Identification	Not Used
0750	GIN	Goods Identification Number	Not Used
0760		Segment Group 22	Not Used
0770	NAD	Name and Address	Not Used
0780	LOC	Place/Location Identification	Not Used
0790	FTX	Free Text	Not Used
0800		Segment Group 23	Not Used
0810	DOC	Document/Message Details	Not Used
0820	DTM	Date/Time/Period	Not Used
0830		Segment Group 24	Not Used
0840	CTA	Contact Information	Not Used
0850	COM	Communication Contact	Not Used
0860		Segment Group 25	Not Used
0870	QTY	Quantity	Not Used
0880	DTM	Date/Time/Period	Not Used
0890		Segment Group 26	Not Used
0900	RFF	Reference	Not Used
0910	DTM	Date/Time/Period	Not Used
0920		Segment Group 27	Not Used
0930	SCC	Scheduling Conditions	Not Used
0940		Segment Group 28	Not Used
0950	QTY	Quantity	Not Used
0960	DTM	Date/Time/Period	Not Used
0970		Segment Group 29	Not Used
0980	RFF	Reference	Not Used
0990	DTM	Date/Time/Period	Not Used
1000		Segment Group 30	Not Used
1010	TDT	Details of Transport	Not Used
1020	DTM	Date/Time/Period	Not Used
1030	UNT		

Data Segment Description

0010 UNH – Message Header

Segment Group:	None	Level:	1
EDIFACT Status:	Mandatory	Strattec Status:	Mandatory
Maximum Use:	1 per message	Strattec Occurrences:	1 per message

Example: UNH+0001+DELFOR:D:97A:UN'

Ref	Tag	Name	Usage	Type	Comments
UNH01	0062	Message reference number	M	an..14	Message control number.
UNH02	S009	Message identifier	M		
UNH0201	0065	Message type	M	an..6	"DELFOR"
UNH0202	0052	Message version number	M	an...3	"D"
UNH0203	0054	Message release number	M	an..3	"97A"
UNH0204	0051	Controlling agency	M	an..2	"UN"
UNH0205	0057	Association assigned code			Not Used
UNH03	0068	Common access reference			Not Used
UNH04	S010	Status of transfer			Not Used
UNH0401	0070	Sequence of transfer			Not Used
UNH0402	0073	First and last transfer			Not Used

0020 BGM – Beginning Of Message

Segment Group: None Level: 1
 EDIFACT Status: Mandatory Strattec Status: Mandatory
 Maximum Use: 1 per message Strattec Occurrences: 1 per message

Example: BGM+241+12+5'

Ref	Tag	Name	Usage	Type	Comments
BGM01	C002	Document/Message Name	M		
BGM0101	1001	Document/message name, coded	M	an..3	"241" = Delivery Schedule. Quantities must be planned for shipment during the week indicated.
BGM0102	1131	Code list qualifier			Not Used
BGM0103	3055	Code list responsible agency, coded			Not Used
BGM0104	1000	Document/message name			Not Used
BGM02	C106	Document/message number	M		
BGM0201	1004	Document/message number	M	an..35	Specifies the release number.
BGM0202	1056	Version			Not Used
BGM0203	1060	Revision number			Not Used
BGM03	1225	Message function, coded	M	an..3	"5" = Replace.
BGM04	4343	Response type, coded			Not Used

0030 DTM – Date/Time/Period

Segment Group:	None	Level:	1
EDIFACT Status:	Mandatory	Strattec Status:	Mandatory
Maximum Use:	10 per message at level 1	Strattec Occurrences:	3 per message at level 1

Example: DTM+137:20090320:102'

Ref	Tag	Name	Usage	Type	Comments
DTM01	C507	Date/Time/Period	M		
DTM0101	2005	Date/time/period qualifier	M	an..3	"137" = Document message date/time. "158" = Horizon Start date/time. "159" = Horizon End date/time.
DTM0102	2380	Date/time period	M	an..35	
DTM0103	2379	Date/time period format qualifier	M	an...3	"102" = CCYYMMDD.

0080 Segment Group 2: NAD-SG3-SG4

Segment Group:	2	Level:	1
EDIFACT Status:	Conditional	Strattec Status:	Mandatory
Maximum Use:	99 per message at level 1	Strattec Occurrences:	2 per message at level 1

0090 NAD – Name and Address

Segment Group: 2 Level: 1
 EDIFACT Status: Mandatory if segment group 2 is used Strattec Status: Mandatory if segment group 2 is used
 Maximum Use: 1 per segment group 2 Strattec Occurrences: 1 per segment group 2

Example: NAD+SU+020100045::16++SUPPLIER'

Ref	Tag	Name	Usage	Type	Comments
NAD01	3035	Party qualifier	M	an..3	"MI" = Material Issuer "SU" = Supplier
NAD02	C082	Party identification details	M		
NAD0201	3039	Party identifier	M	an..35	Code identifying material issuer or supplier.
NAD0202	1131	Code list qualifier			Not Used
NAD0203	3055	Code list responsible agency, coded		an..3	"16" = Dun & Bradstreet # "ZZZ" = Mutually defined
NAD03	C058	Name and address			Not Used
NAD0301	3124	Name and address line			Not Used
NAD0302	3124	Name and address line			Not Used
NAD0303	3124	Name and address line			Not Used
NAD0304	3124	Name and address line			Not Used
NAD0305	3124	Name and address line			Not Used
NAD04	C080	Party name	M		
NAD0401	3036	Party name	M	an..35	Material issuer or supplier name.
NAD0402	3036	Party name			Not Used
NAD0403	3036	Party name			Not Used
NAD0404	3036	Party name			Not Used
NAD0405	3036	Party name			Not Used
NAD05	C059	Street			Not Used
NAD0501	3042	Street and number/p.o. box			Not Used
NAD0502	3042	Street and number/p.o. box			Not Used
NAD0503	3042	Street and number/p.o. box			Not Used
NAD0504	3042	Street and number/p.o. box			Not Used
NAD06	3164	City Name			Not Used
NAD07	3229	Country sub-identity identification			Not Used
NAD08	3251	Postcode identification			Not Used
NAD09	3207	Country, coded			Not Used

0130 Segment Group 4: CTA

Segment Group:	4	Level:	1
EDIFACT Status:	Conditional	Strattec Status:	Conditional
Maximum Use:	5 per segment group 2	Strattec Occurrences:	1 per segment group 2

0140 CTA – Contact Information

Segment Group: 4 Level: 1
EDIFACT Status: Conditional Strattec Status: Mandatory if segment group 4 is used
Maximum Use: 1 per segment group 4 Strattec Occurrences: 1 per segment group 4
Example: CTA+OC+:JANE DOE'

Ref	Tag	Name	Usage	Type	Comments
CTA01	3139	Contact function, coded	M	an..3	"OC" = Order Contact
CTA02	C056	Department or employee	M		
CTA0201	3413	Department or employee identification			Not Used
CTA0202	3412	Department or employee	M	an..35	Contact name

0150 COM – Communication Contact

Segment Group: 4 Level: 1
EDIFACT Status: Conditional Strattec Status: Conditional
Maximum Use: 99 per segment group 4 Strattec Occurrences: 5 per segment group 4

Example: COM+734-555-1212 EXT. 555:TE'

Ref	Tag	Name	Usage	Type	Comments
COM01	C076	Communication Number	M		
COM0101	3148	Communication Number	M	an..512	Contact Number
COM0102	3155	Department or employee identification	M	an..3	Communication Qualifier

0190 Segment Group 6: GIS-SG7-SG12

Segment Group:	6	Level:	1
EDIFACT Status:	Conditional	Strattec Status:	Mandatory
Maximum Use:	9999 per message	Strattec Occurrences:	1 per message

0200 GIS – General Indicator

Segment Group: 6 Level: 1
EDIFACT Status: Mandatory Strattec Status: Mandatory
Maximum Use: 1 per segment group 6 Strattec Occurrences: 1 per segment group 6

Example: GIS+37'

Ref	Tag	Name	Usage	Type	Comments
GIS01	C529	Processing Indicator	M		
GIS0101	7365	Processing Indicator, Coded	M	an..3	"37" = Complete Information
GIS0102	1131	Code List Qualifier	C	an..3	Not Used
GIS0103	3055	Code List Responsible Agency, Coded	C	an..3	Not Used
GIS0104	7187	Process Type Identification	C	an..17	Not Used

0210 Segment Group 7: NAD-SG8-SG9-SG10-SG11

Segment Group:	7	Level:	1
EDIFACT Status:	Conditional	Strattec Status:	Mandatory
Maximum Use:	1 per segment group 6	Strattec Occurrences:	1 per segment group 6

0220 NAD – Name and Address

Segment Group: 7 Level: 1
 EDIFACT Status: Mandatory if segment group 7 is used Strattec Status: Mandatory if segment group 7 is used
 Maximum Use: 1 per segment group 7 Strattec Occurrences: 1 per segment group 7

Example: NAD+ST+020100045::16++SHIPTO'

Ref	Tag	Name	Usage	Type	Comments
NAD01	3035	Party qualifier	M	an..3	"ST" = Ship-To
NAD02	C082	Party identification details	M		
NAD0201	3039	Party identifier	M	an..35	Code identifying material issuer or supplier.
NAD0202	1131	Code list qualifier			Not Used
NAD0203	3055	Code list responsible agency, coded			"16" = Dun & Bradstreet # "ZZZ" = Mutually defined
NAD03	C058	Name and address			Not Used
NAD0301	3124	Name and address line			Not Used
NAD0302	3124	Name and address line			Not Used
NAD0303	3124	Name and address line			Not Used
NAD0304	3124	Name and address line			Not Used
NAD0305	3124	Name and address line			Not Used
NAD04	C080	Party name	M		
NAD0401	3036	Party name	M	an..35	Material issuer or supplier name.
NAD0402	3036	Party name			Not Used
NAD0403	3036	Party name			Not Used
NAD0404	3036	Party name			Not Used
NAD0405	3036	Party name			Not Used
NAD05	C059	Street			Not Used
NAD0501	3042	Street and number/p.o. box			Not Used
NAD0502	3042	Street and number/p.o. box			Not Used
NAD0503	3042	Street and number/p.o. box			Not Used
NAD0504	3042	Street and number/p.o. box			Not Used
NAD06	3164	City Name			Not Used
NAD07	3229	Country sub-identity identification			Not Used
NAD08	3251	Postcode identification			Not Used
NAD09	3207	Country, coded			Not Used

0370 Segment Group 12: LIN-SG13-SG17-SG20-SG22

Segment Group:	12	Level:	1
EDIFACT Status:	Optional	Strattec Status:	Mandatory
Maximum Use:	9999 per message	Strattec Occurrences:	9999 per message

0380 LIN - Line Item

Segment Group:	12	Level:	1
EDIFACT Status:	Conditional	Strattec Status:	Mandatory
Maximum Use:	1 per segment group 12	Strattec Occurrences:	1 per segment group 12

Example: LIN+++4110223AA:IN'

Ref	Tag	Name	Usage	Type	Comments
LIN01	1082	Line Item Number			Not Used
LIN02	1229	Action Request/Notification, Coded			Not Used
LIN03	C212	Item Number	M		
LIN0301	7140	Item Number	M	an..35	
LIN0302	7143	Item Number Type, Coded	M	an..3	"IN" = Item Number
LIN0303	1131	Code List Qualifier			Not Used
LIN0304	3055	Code List Responsible Agency, Coded			Not Used
LIN04	C829	Sub-Line Indicator			Not Used
LIN0401	5495	Sub-Line Indicator, Coded			Not Used
LIN0402	1082	Line Item Number			Not Used
LIN05	1222	Configuration Level			Not Used
LIN06	7083	Configuration, Coded			Not Used

0480 Segment Group 13: RFF

Segment Group:	13	Level:	1
EDIFACT Status:	Optional	Strattec Status:	Mandatory
Maximum Use:	10 per message	Strattec Occurrences:	1 per message

0490 RFF – Reference

Segment Group: 13 Level: 1
EDIFACT Status: Conditional Strattec Status: Mandatory
Maximum Use: 99 per segment group 13 Strattec Occurrences: 1 per segment group 13

Example: RFF+ON:P026934'

Ref	Tag	Name	Usage	Type	Comments
RFF01	C506	Reference			
RFF0101	1153	Reference Qualifier	M	an..3	"ON" = Order Number
RFF0102	1154	Reference Number	M	an..35	
RFF0103	1156	Line Number			Not Used
RFF0104	4000	Reference Version Number			Not Used

0600 Segment Group 17: SCC-SG18

Segment Group:	17	Level:	1
EDIFACT Status:	Optional	Strattec Status:	Mandatory
Maximum Use:	999 per message	Strattec Occurrences:	999 per message

Notes:

This segment group is used to describe four types of information:

Firms forecast quantities	SCC01 = "1"
Planning forecast quantities	SCC01 = "4"
Commitment for manufacturing and material	SCC01 = "2"
Commitment for material	SCC01 = "3"

0610 SCC – Scheduling Conditions

Segment Group:	17	Level:	1
EDIFACT Status:	Conditional	Strattec Status:	Mandatory
Maximum Use:	1 per segment group 17	Strattec Occurrences:	1 per segment group 17

Example: SCC+1++W'

Ref	Tag	Name	Usage	Type	Comments
SCC01	4017	Delivery Plan Status Indicator, Coded	M	an..3	"1" = Firm "2" = Commitment For Manufacturing And Material "3" = Commitment For Material "4" = Planning/Forecast
SCC02	4493	Delivery Requirements, Coded			Not Used
SCC03	C329	Composite	M		
SCC0301	2013	Frequency, Coded	M	an..3	"W" = Weekly
SCC0302	2015	Despatch Pattern, Coded			Not Used
SCC0303	2017	Despatch Pattern Timing, Coded			Not Used

0620 Segment Group 18: SCC-SG19

Segment Group:	18	Level:	1
EDIFACT Status:	Optional	Strattec Status:	Conditional
Maximum Use:	999 per message	Strattec Occurrences:	999 per message

0630 QTY – Quantity

Segment Group: 18 Level: 1
EDIFACT Status: Conditional Strattec Status: Mandatory
Maximum Use: 1 per segment group 18 Strattec Occurrences: 1 per segment group 18

Example: QTY+1:10542:C62'

Ref	Tag	Name	Usage	Type	Comments
QTY01	C186	Composite	M		
QTY0101	6063	Quantity Qualifier	M	an..3	"1" = Discrete quantity "3" = Cumulative quantity
QTY0102	6060	Quantity	M	an..15	
QTY0103	6411	Measure Unit Qualifier	M	an..3	"C62" = One (or Each)

0640 DTM – Date/Time/Period

Segment Group: 18 Level: 1
EDIFACT Status: Conditional Strattec Status: Conditional
Maximum Use: 2 per segment group 18 Strattec Occurrences: 2 per segment group 18

Example: DTM+2:20090420:102'

Ref	Tag	Name	Usage	Type	Comments
DTM01	C507	Composite	M		
DTM0101	2005	Date/Time/Period Qualifier	M	an..3	"2" = Delivery date/time, requested "51" = Cumulative quantity start date "52" = Cumulative quantity end date
DTM0102	2380	Date/Time/Period	M	an..35	
DTM0103	2379	Date/Time/Period Format Qualifier	M	an..3	"102" = CCYYMMDD

1030 UNT – Message Trailer

Segment Group:	None
EDIFACT Status:	Mandatory
Maximum Use:	1 per Message

Level: 1
Strattec Status: Mandatory
Strattec Occurrences: 1 per Message

Example: $\text{UNT}+304+1'$

Ref	Tag	Name	Usage	Type	Comments
UNT01	0074	Number Of Segments In Message	M	n..10	
UNT02	0062	Message Control Number	M	an..14	

Example

UNB+UNOA:2+STRATTEC:ZZ+0013000123ABC+090326:1223+5++DELFOR'
UNH+1+DELFOR:D:97A:UN'
BGM+241+0034+5'
DTM+137:20090320:102'
DTM+158:20090323:102'
DTM+159:20090608:102'
NAD+MI+879168029V::16++STRATTEC SECURITY CORPORATION'
CTA+OC+:JANE DOE'
COM+915-555-6657 EXT. 5305:TE'
NAD+SU+0013000123ABC::ZZZ++ABC SUPPLIER'
GIS+37'
NAD+ST+EP::ZZZ++EL PASO WAREHOUSE'
LIN+++4110223AA:IN'
RFF+ON:P026934'
SCC+1++W'
QTY+1:10542:C62'
DTM+2:20090323:102'
QTY+1:4700:C62'
DTM+2:20090330:102'
QTY+1:2322:C62'
DTM+2:20090406:102'
QTY+1:4400:C62'
DTM+2:20090413:102'
SCC+4++W'
QTY+1:5036:C62'
DTM+2:20090420:102'
QTY+1:3812:C62'
DTM+2:20090427:102'
QTY+1:5688:C62'
DTM+2:20090504:102'
QTY+1:8676:C62'
DTM+2:20090511:102'
SCC+2'
QTY+3:45564:C62'
DTM+51:20050701:102'
DTM+52:20090420:102'
SCC+3'
QTY+3:54412:C62'
DTM+51:20050701:102'
DTM+52:20090504:102'
LIN+++4210218AA:IN'
RFF+ON:P027276'
SCC+1++W'
QTY+1:10642:C62'
DTM+2:20090323:102'
QTY+1:3984:C62'
DTM+2:20090330:102'
QTY+1:2322:C62'
DTM+2:20090406:102'
SCC+4++W'
QTY+1:5036:C62'
DTM+2:20090420:102'
QTY+1:3812:C62'
DTM+2:20090427:102'
QTY+1:5688:C62'
DTM+2:20090504:102'
SCC+2'
QTY+3:31348:C62'
DTM+51:20050701:102'
DTM+52:20090420:102'
SCC+3'
QTY+3:40196:C62'
DTM+51:20050701:102'
DTM+52:20090504:102'
UNT+64+1'
UNZ+1+5'