



## Reducing Paper Based Processes with EDI

### Simplifying business processes with TransLution™ Software EDI

The TransLution™ Electronic Data Interface (EDI) functionality supports the ability to build EDI documents which can be sent to third parties to share process information.

As part of the EDI process, TransLution™ not only creates the EDI files in the format that is required but it is also able to place the files on an FTP server.

The most common use of outbound EDI is to fulfil the need to provide advance notifications about planned shipments. The TransLution™ EDI integration module allows you to build up the ASN EDI document using data gathered as the user is scanning parcels for the shipment.

The key benefit of this process is that there is no need to do any separate work to build an ASN - the data required for the ASN is logged by TransLution™ as the items to be shipped are scanned, and when the user is finished with their scanning the ASN file is immediately built and placed in the required location for transfer to the client system.

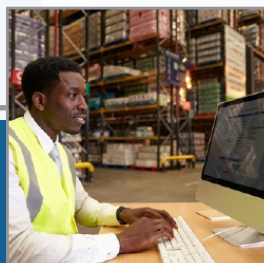
```

856_559123_OUT.x12 - Notepad
File Edit Format View Help
ISA*00*          *00*          *12*8002419152      *12*8882378289CHQT
GS*SH*8002419152*8882378289CHQT*20210512*1207*163*X*004010~
ST*856*1630001~
BSN*00*34366*20210512*1207*0001~
HL*1**S~
TD5*B***UPSN_CG~
DTM*011*20210512~
N1*SF*MIDDLEBY RESIDENTIAL~
N3*4960 GOLDEN PKWY B1d3~
N4*Buford*GA*30518*US~
HL*2*1*O~
PRF*J08399~
HL*3*2*P~
MAN*CP*1Z0000000000000000~
HL*4*3*I~
    
```

| Type & Layout      | Target   |
|--------------------|--|
| Target Name        | <input type="text" value="Zone A"/>            |
| Target Description | <input type="text" value="Zone A"/>            |
| File Prefix        | <input type="text" value="EDI"/>               |
| File Suffix        | <input type="text" value="Test"/>              |
| Unique Identifier  | <input type="text" value="JOB_ID"/>            |
| File Extension     | <input type="text" value="csv"/>               |
| Local File Path    | <input type="text" value="C:\Afrisoft\Test"/>  |
| FTP Server         | <input type="text" value="102.23.4.25"/>       |
| FTP File Path      | <input type="text" value="\\TransLution\EDI"/> |
| FTP User           | <input type="text" value="TL-1"/>              |



**AVAILABLE ON**

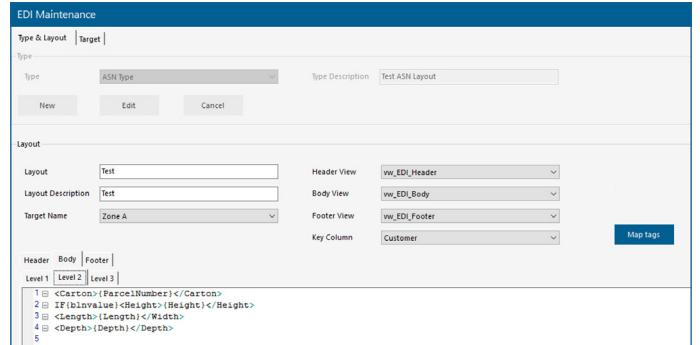
## Supports EDIFACT, GS1 and more

The EDI document creation is done without any user intervention. One of difficulties of meeting different EDI requirements is building data files in the correct format. TransLution™ has a configurable module for building EDI documents, allowing reference numbers and other details to be included in the file. This definition is done using forms in which a user can simply map scanned data or any other internal information to tags on an EDI document. There is no complex coding or setup required.

Not only do TransLution™ EDI documents support a header, body and footer, as would be expected, they also support up to three levels in the body. For example, if Sales Order information is required, the body of the EDI file that is built can include multiple levels allowing multiple sales orders, each with multiple cartons and each carton containing multiple items.

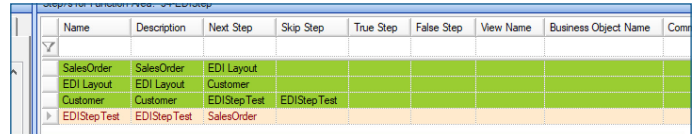
This level of flexibility means that TransLution™ is not limited to one type of document, such as an ASN or an Invoice, and can be used to build documents that comply with different EDI standards. This means you can use TransLution™ to build documents that comply with either EDIFACT or GS1 or any other format that is required. Even custom formats can be created.

Different versions of the same EDI document can also be built from one simple function. This makes setup for multiple clients very quick and easy.

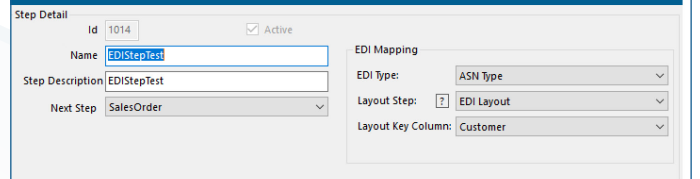


The screenshot shows the 'EDI Maintenance' form with the 'Type & Layout' tab selected. The 'Type' is set to 'ASN Type' and the 'Type Description' is 'Test ASN Layout'. Under the 'Layout' section, 'Layout' is 'Test', 'Layout Description' is 'Test', and 'Target Name' is 'Zone A'. The 'Header View' is 'vw\_EDI\_Header', 'Body View' is 'vw\_EDI\_Body', and 'Footer View' is 'vw\_EDI\_Footer'. The 'Key Column' is 'Customer'. There is a 'Map tags' button on the right. Below the layout settings, there are tabs for 'Header', 'Body', and 'Footer', with 'Body' selected. Under 'Body', there are tabs for 'Level 1', 'Level 2', and 'Level 3', with 'Level 2' selected. The content area shows a list of tags:
 

- 1 <Carton> {ParcelNumber} </Carton>
- 2 IF {blnValue} <Height> {Height} </Height>
- 3 <Length> {Length} </Width>
- 4 <Depth> {Depth} </Depth>
- 5



| Name        | Description | Next Step   | Skip Step | True Step | False Step | View Name | Business Object Name | Com |
|-------------|-------------|-------------|-----------|-----------|------------|-----------|----------------------|-----|
| SalesOrder  | SalesOrder  | EDI Layout  |           |           |            |           |                      |     |
| EDI Layout  | EDI Layout  | Customer    |           |           |            |           |                      |     |
| Customer    | Customer    | EDIStepTest |           |           |            |           |                      |     |
| EDIStepTest | EDIStepTest | SalesOrder  |           |           |            |           |                      |     |



The screenshot shows the 'Step Detail' form for 'EDIStepTest'. The 'Id' is 1014 and it is checked as 'Active'. The 'Name' is 'EDIStepTest', 'Step Description' is 'EDIStepTest', and 'Next Step' is 'SalesOrder'. Under 'EDI Mapping', the 'EDI Type' is 'ASN Type', 'Layout Step' is 'EDI Layout', and 'Layout Key Column' is 'Customer'.

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