Shipment Translator

3PF Services

V1.1

Updated: 10/2/2016

# Overall Description

Shipment Translator is designed to process shipment data and prepare it for import to the 3PL Central WMS. This program handles multiple files based on the configuration file of the program.

# Usage

1. Complete the standard End-Of-Day for UPS.
2. Export the Endicia data for the day, if any USPS shipments were processed.
3. Double-click the Shipment Translator icon on the desktop.
4. A console window will open. It will read the configuration file and then process each file 1 at a time.
5. The user will be asked to enter a “Starting Order Number”. This is the order number to start exporting into the file for 3PL Central. If the entire file should be exported, nothing has to be entered.
6. Once the process has completed, import the generated export file to 3PL Central.

# Configuration file definition

The configuration file is named “ShipmentTranslator.exe.config”. This configuration defines the files to import and export. A full example file is in appendix A.

For each file there must be a section defined in the configSection of the configuration, where the “name” value is the file section title. Example : <section name="UpsShipments" type="ShipmentTranslator.FileImportExportDefinition, ShipmentTranslator" />

|  |  |  |  |
| --- | --- | --- | --- |
| Node | Attribute | Required? | Description |
| <UpsShipments |  |  | Root node named from the section in configSection |
|  | DisplayName | Yes | Display name to use during file processing |
|  | ImportFileName | Yes | File name to import |
|  | ImportFilePath | Yes | File Path to look for the ImportFileName |
|  | ExportFileName | Yes | File Name to use for the export file. Text between the [] brackets will be used as for determining the data time value output to attach to the file name. |
|  | ArchiveFilePath | No | File path to archive the import data file to. If the file path is not populated, the import file will not be archived. Used due to UPS Worldship issues. |
|  | CheckForFileHeader | No | If set to True, the process will evaluate the first column and if it has the text “Order” it will skip the line. |
|  | FreightMarkupPercent | No | Markup percentage to apply to the base freight cost. Only applied to column “FreightCostPlusMarkup” |
| > |  |  |  |
| <ImportFileDefinition |  |  |  |
|  | FileDefinition | Yes | Defines the file. Definition is the column number then a column and then the column name with a | between the columns. Any undefined columns will be disregarded. |
| /> |  |  |  |
| <ExportFileDefinition |  |  |  |
|  | FileDefinition | Yes | Defines the file. Definition is the column number then a column and then the column name with a | between the columns. Any undefined columns will be disregarded. |
| /> |  |  |  |

Appendix A – Example Configuration file

<?xml version="1.0" encoding="utf-8"?>

<configuration>

  <configSections>

    <section name="UpsShipments" type="ShipmentTranslator.FileImportExportDefinition, ShipmentTranslator" />

    <section name="EndiciaShipments" type="ShipmentTranslator.FileImportExportDefinition, ShipmentTranslator"/>

  </configSections>

  <startup>

    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5.2" />

  </startup>

  <appSettings>

    <add key="ErrorLogFilePath" value="d:\" />

  </appSettings>

  <UpsShipments DisplayName="UPS"

ImportFileName="shipmntexport.txt"

ImportFilePath="d:\UPS\"

ExportFileName="UPSExportFor3PLCentral\_[yyyyMMddHHmmss].csv"

ExportFilePath="d:\UPS\"

ArchiveFilePath=""

CheckForHeaderRecord="True"

FreightMarkupPercent="15">

    <ImportFileDefinition FileDefinition="0,OrderNumber|1,TrackingNumber|3,3rdPartyFreightCost|4,BaseFreightCost|" />

    <ExportFileDefinition FileDefinition="0,OrderNumber|1,TrackingNumber|2,FreightCostPlusMarkup|3,3rdPartyFreightCost|4,BaseFreightCost|" />

  </UpsShipments>

  <EndiciaShipments

DisplayName="Endicia"

ImportFileName="shipmntexport.txt"

ImportFilePath="d:\Endicia\"

ExportFileName="EndiciaExportFor3PLCentral\_[yyyyMMddHHmmss].csv"

ExportFilePath="d:\Endicia\"

ArchiveFilePath="d:\Endicia\Archive\"

CheckForHeaderRecord="True"

FreightMarkupPercent="15"

>

  <ImportFileDefinition

FileDefinition="0,OrderNumber|1,TrackingNumber|3,3rdPartyFreightCost|4,BaseFreightCost|">

</ImportFileDefinition>

<ExportFileDefinition

  FileDefinition="0,OrderNumber|1,TrackingNumber|2,FreightCostPlusMarkup|3,3rdPartyFreightCost|4,BaseFreightCost|">

  </ExportFileDefinition>

  </EndiciaShipments>

</configuration>