

e-Cert Interface Guide

Standard Interface File for e-Cert EU Certificate of Origin

1 How to Interface with e-Cert

To send an application to e-Cert from your business system you should carry out the following steps to write a file of data which can be sent to e-Cert via FTP.

Step 1. Produce an ASCII data file from your business system in the format stated in this document.

Step 2. Email the file to ecertinterface@i2i-solutions.net together with your e-Cert Company ID as used for accessing e-Cert.

We will:

1. Carry out a validation test.
2. If the test fails we will email you with details of modifications required.
3. If the test is successful we will send you details of your FTP Account so that you can start sending data to e-Cert.

2 To Start Using your e-Cert Interface

- Send the data to the FTP Account as specified by us.

3 Interface File Structure

- Each section in the interface file will begin with an identifying '**RECORD TYPE**' as follows:
 - RECORD TYPE : CONSIGNMENT HEADER
 - CONSIGNMENT REFERENCE : 123495
 - etc.
 - RECORD TYPE
 - CONSIGNMENT TOTALS :CONSIGNMENT TOTALS
- The 30th character on each line must be a colon (:) and the 31st character will be the first piece of data. The maximum sizes are shown in the table below.
- The interface file will be in an ASCII file format. The filename extension will be DWN.
- The main section required is the CONSIGNMENT HEADER. This section occurs first and provides the main consignment information.
- CONSIGNMENT TOTALS is optional. The interface can be configured to take the totals from this section or calculate them from the items.
- The MANUFACTURER section can occur multiple times depending on how many manufacturers are on the Consignment.
- The CONSIGNMENT CHARGES section can occur multiple times depending on how many charges or discounts that are on the consignment.
- The CONSIGNMENT TOTALS section is optional. The interface application can be configured to take the totals from this section or calculate them from the items.

4 EC Certificate of Origin Fields

The following tables show the all data which could be required for the EC Certificate of Origin document. Please note:

- Data with an “X” in the My Database column shows information which can be stored in e-Cert if it is not available in the Host system. Information stored in the e-Cert My Database area will automatically be merged with the interface file data to populate the Application.

4.1 Record Type – Consignment Header

Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
RECORD TYPE						Use the value: CONSIGNMENT HEADER
REPLY EMAIL ADDRESS			Text	250		Email address used for download feedback
CONSIGNMENT REFERENCE	Your Reference	Transactions.TransactionRef	Text	25		Unique reference for this application.
EXPORTER CODE	Reference	Exporters.ExporterRef	Text	15	X	Company code for trading face If an Exporter Code is not specified, the Transaction Profile Ref is used instead. If a Transaction Profile Ref is not specified, the first 15 characters of the Exporter Name are used instead.
EXPORTER NAME	Name	Exporters.ExporterName	Text	50	X	Exporter name
EXPORTER ADDRESS 1	Address	Exporters.ExporterAddress1	Text	50	X	Exporter address 1
EXPORTER ADDRESS 2	Address	Exporters.ExporterAddress2	Text	50	X	Exporter address 2
EXPORTER ADDRESS 3	Address	Exporters.ExporterAddress3	Text	50	X	Exporter address 3
EXPORTER ADDRESS 4	Address	Exporters.ExporterAddress4	Text	50	X	Exporter address 4
EXPORTER ADDRESS 5	Address	Exporters.ExporterAddress5	Text	50	X	Exporter address 5
EXPORTER VAT NO	VAT Number	Exporters.VATNo	Text	15	X	Exporter's VAT number - Makes up the TURN code (Trader Unique Reference Number) NOT to be populated with NON-EU country codes.

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Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
EXPORTER PHONE NO	Telephone Number	Exporters.ExporterTelNo	Text	25	X	Exporter's telephone number
EXPORTER FAX NO	Fax Number	Exporters.ExporterFaxNo	Text	25	X	Exporter's fax number
PLACE OF ISSUE	Place of Issue	Exporters.ExporterPlaceofIssue	Text	25	X	Exporter's Place of Issue
APPLICANTS NAME	Applicant Name	Exporters.ApplicantsName	Text	50	X	
APPLICANTS ADDRESS 1	Applicant Address	Exporters.ApplicantsAddress	Text	50	X	
APPLICANTS ADDRESS 2	As above	Exporters.ApplicantsAddress	Text	50	X	
APPLICANTS ADDRESS 3	As above	Exporters.ApplicantsAddress	Text	50	X	
APPLICANTS ADDRESS 4	As above	Exporters.ApplicantsAddress	Text	50	X	
APPLICANTS ADDRESS 5	As above	Exporters.ApplicantsAddress	Text	50	X	
EXPORTER NOTES 1	Notes	Exporters.ExportersNotes	Text	60	X	
EXPORTER NOTES 2	As above	Exporters.ExportersNotes	Text	60	X	
EXPORTER NOTES 3	As above	Exporters.ExportersNotes	Text	60	X	
EXPORTER NOTES 4	As above	Exporters.ExportersNotes	Text	60	X	
TRANSACTION PROFILE REF	n/a	n/a	Text	15	X	This label is optional. It is used as the reference for the Buyer, Consignee, Exporter and Invoice Declaration when a reference has not been specified for those records.
CONSIGNEE CODE	Reference	Consignees.ConsigneeRef	Text	15	X	Consignee Reference If a Consignee Code is not specified, the Transaction Profile Ref is used instead. If a Transaction Profile Ref is not specified, the first 15 characters of the Consignee Name are used instead.
CONSIGNEE NAME	Name	Consignees.ConsigneeName	Text	50	X	Goods to company name *
CONSIGNEE ADDRESS 1	Address	Consignees.ConsigneeAddress 1	Text	50	X	Goods to address line 1 *
CONSIGNEE ADDRESS 2	Address	Consignees.ConsigneeAddress 2	Text	50	X	Goods to address line 2 *
CONSIGNEE ADDRESS 3	Address	Consignees.ConsigneeAddress 3	Text	50	X	Goods to address line 3 *
CONSIGNEE ADDRESS 4	Address	Consignees.ConsigneeAddress 4	Text	50	X	Goods to address line 4 *

Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
CONSIGNEE ADDRESS 5	Address	Consignees.ConsigneeAddress5	Text	50	X	Goods to address line 5 *
CONSIGNEE VAT NO	VAT Number	Consignees.ConsigneeVATNo	Text	15	X	VAT Number
COUNTRY OF ORIGIN LIST	Country of Origin	Transactions.CountryOfOrigin Transactions.CountryOfOriginInvoice CountriesOfOrigin table				<p>This is a 'free text' field. Place the data between the labels 'COUNTRY OF ORIGIN LIST START' and 'COUNTRY OF ORIGIN LIST END', with one country on each line. For example:</p> <p>COUNTRY OF ORIGIN LIST START: Italy United Kingdom United States of America COUNTRY OF ORIGIN LIST END:</p> <p>The Country of Origin fields on the Certificate of Origin and Invoice will be populated with this list of countries and will be formatted correctly as per the requirements for each document.</p> <p>Alternatively you can specify the Country of Origin text using the COUNTRY OF ORIGIN labels instead.</p>
COUNTRY OF ORIGIN 1	Country of Origin	Transactions.CountryOfOrigin Transactions.CountryOfOriginInvoice	Text	50		<p>Country of Origin text for the Certificate of Origin and Invoice.</p> <p>We recommend using the COUNTRY OF ORIGIN LIST instead of these COUNTRY OF ORIGIN labels. When using COUNTRY OF ORIGIN LIST, e-Cert will automatically format the Country of Origin text as per the rules for each document.</p>
COUNTRY OF ORIGIN 2	As above	As above	Text	50		As above
COUNTRY OF ORIGIN 3	As above	As above	Text	50		As above
TRANSPORT DETAILS 1	Transport Details	Transactions.TransportDetails	Text	50		Transport Details
TRANSPORT DETAILS 2	As above	Transactions.TransportDetails	Text	50		As above
TRANSPORT DETAILS 3	As above	Transactions.TransportDetails	Text	50		As above
TRANSPORT DETAILS 4	As above	Transactions.TransportDetails	Text	50		As above
TRANSPORT DETAILS 5	As above	Transactions.TransportDetails	Text	50		As above

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Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
TRANSPORT DETAILS 6	As above	Transactions.TransportDetails	Text	50		As above
TRANSPORT DETAILS 7	As above	Transactions.TransportDetails	Text	50		As above
TRANSPORT DETAILS 8	As above	Transactions.TransportDetails	Text	50		As above
REMARKS 1	Remarks	Transactions.CofOEUR1Remarks	Text	50		EUR1, ATR and C of O Remarks field (Box 5)
REMARKS 2	As above	Transactions.CofOEUR1Remarks	Text	50		As above
REMARKS 3	As above	Transactions.CofOEUR1Remarks	Text	50		As above
REMARKS 4	As above	Transactions.CofOEUR1Remarks	Text	50		As above
REMARKS 5	As above	Transactions.CofOEUR1Remarks	Text	50		As above
REMARKS 6	As above	Transactions.CofOEUR1Remarks	Text	50		As above
REMARKS 7	As above	Transactions.CofOEUR1Remarks	Text	50		As above
REMARKS 8	As above	Transactions.CofOEUR1Remarks	Text	50		As above
QUANTITY IF NOT WEIGHT 1	Quantity (if not weight)	Transactions.QuantityNotWeight	Text	12		
QUANTITY IF NOT WEIGHT 2	As above	Transactions.QuantityNotWeight	Text	12		
QUANTITY IF NOT WEIGHT 3	As above	Transactions.QuantityNotWeight	Text	12		
MARKS & NUMBERS 1	Marks and Numbers	Transactions.ShippingMark	Text	25		Identification shipping marks on cargo
MARKS & NUMBERS 2	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 3	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 4	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 5	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 6	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 7	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 8	As above	Transactions.ShippingMark	Text	25		As above
MARKS & NUMBERS 9	As above	Transactions.ShippingMark	Text	25		As above
DESCRIPTION OF GOODS 1	No and kind of packages and general description of goods	Transactions.GeneralDescription	Text	35		General description of goods and the way they are packed.

Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
DESCRIPTION OF GOODS 2	As above	Transactions.GeneralDescription	Text	35		As above
DESCRIPTION OF GOODS 3	As above	Transactions.GeneralDescription	Text	35		As above
DESCRIPTION OF GOODS 4	As above	Transactions.GeneralDescription	Text	35		As above
DESCRIPTION OF GOODS 5	As above	Transactions.GeneralDescription	Text	35		As above
DESCRIPTION OF GOODS 6	As above	Transactions.GeneralDescription	Text	35		As above
DESCRIPTION OF GOODS 7	As above	Transactions.GeneralDescription	Text	35		As above
DESCRIPTION OF GOODS 8	As above	Transactions.GeneralDescription	Text	35		As above
L / C TEXT 1	Letter of Credit Detail and Free Text	Transactions.LetterOfCredit	Text	75		Letter of Credit text
L / C TEXT 2	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 3	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 4	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 5	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 6	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 7	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 8	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 9	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 10	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 11	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 12	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 13	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 14	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 15	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 16	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 17	As above	Transactions.LetterOfCredit	Text	75		As above
L / C TEXT 18	As above	Transactions.LetterOfCredit	Text	75		As above
GOODS MANUFACT. UK & FOREIGN	Goods that have gone through a manufacturing process in the UK	Transactions.ChamberGoodsUKAndForeign	Bool			Specify Y (yes) or N (no). If blank, the field is set to no.

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Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
GOODS MANUFACT. FOREIGN ONLY	Goods of foreign origin	Transactions.ChamberGoodsForeign	Bool			Specify Y (yes) or N (no). If blank, the field is set to no.
GOODS MANUFACTURED BY	Manufacturers	Transactions.ECFreeText	Text	50x75		This is a 'free text' field. Place the data between the labels 'GOODS MANUFACTURED BY START' and 'GOODS MANUFACTURED BY END'. For example: GOODS MANUFACTURED BY START : Line one Line two GOODS MANUFACTURED BY END :
SIGNATORY	Name	Signatories.SignatoryName	Text	35	X	
SIGNATORY JOB TITLE	Job Title	Signatories.AviationJobTitle	Text	35	X	
SIGNATORY IMAGE	Signatory Image	Signatories.SignatoryImage	Text	255	X	

4.2 Record Type – Manufacturer

Used for manufacturer addresses on Certificates of Origin.

Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
RECORD TYPE						Use the value: MANUFACTURER
MANUFACTURER CODE	Reference	Manufacturers.Manufacturer Ref	Text	25	X	Code to identify manufacturer.
MANUFACTURER NAME	Name	Manufacturers.Manufacturer Name	Text	50	X	Manufacturer Name
MANUFACTURER ADDRESS 1	Address	Manufacturers.ManufacturersAddress1	Text	50	X	Manufacturer address line 1
MANUFACTURER ADDRESS 2	Address	Manufacturers.ManufacturersAddress2	Text	50	X	Manufacturer address line 2
MANUFACTURER ADDRESS 3	Address	Manufacturers.ManufacturersAddress3	Text	50	X	Manufacturer address line 3
MANUFACTURER NOTES 1	Notes	Manufacturers.ManufacturersNotes	Text	60	X	Sundry Notes
MANUFACTURER NOTES 2	As above	Manufacturers.ManufacturersNotes	Text	60	X	As above
MANUFACTURER NOTES 3	As above	Manufacturers.ManufacturersNotes	Text	60	X	As above
MANUFACTURER NOTES 4	As above	Manufacturers.ManufacturersNotes	Text	60	X	As above

4.3 Record Type – Consignment Totals

Label Description	e-Cert Field Name and Screen Number	e-Cert Database Field Name	Data Type	Max. Field Size	My Database	Comments
RECORD TYPE						Use the value: CONSIGNMENT TOTALS
TOTAL GROSS WEIGHT	Total Gross Weight	Transactions.TotalShipmentGrossWeight	Text	12		Total gross weight
TOTAL GROSS WEIGHT UNIT	Total Gross Weight Unit	Transactions.TotalGrossUnitOfMeasure	Text	5		Total gross weight unit
TOTAL NET WEIGHT	Total Net Weight	Transactions.TotalShipmentNetWeight	Text	12		Total net weight
TOTAL NET WEIGHT UNIT	Total Net Weight Unit	Transactions.TotalNetUnitOfMeasure	Text	5		Total net weight unit
TOTAL CUBE	Total Cube	Transactions.TotalShipmentCube	Text	12		Total cube
TOTAL CUBE UNIT	Total Cube Unit	Transactions.TotalCubeUnitOfMeasure	Text	5		Total cube unit

5 Example Interface Files

5.1 EC Certificate of Origin

```
Record Type                :CONSIGNMENT HEADER
Reply Email Address        :myname@mycompany.com
Consignment Reference      :TASEM-TEST
Documents                  :E
Exporter Code              :EXP1
Exporter Name              :PHARMACHEM LIMITED
Exporter Address 1         :BLAYDES COURT
Exporter Address 2         :LAKE ROAD
Exporter Address 3         :BURLINGTON INDUSTRIAL ESTATE
Exporter Address 4         :LEEDS
Exporter Address 5         :LE1 9YT
Exporter VAT No            :639733994
Exporter Phone No         :0113 6724994
Exporter Fax No           :0113 6724995
Place of Issue             :LEEDS
Applicants Name           :Fred Smith
Applicants Address 1      :2b Hide Trading Estate
Applicants Address 2      :Leeds
Applicants Address 3      :
Applicants Address 4      :
Applicants Address 5      :
Exporter Notes 1          :Final Shipment
Exporter Notes 2          :
Exporter Notes 3          :
Exporter Notes 4          :
Transaction Profile Ref    :ADE453
Consignee Code            :ADE453
Consignee Name            :ADENACHEM
Consignee Address 1       :1 TO 15 GOLD HOUSE
Consignee Address 2       :ADENA PARK
Consignee Address 3       :BAHRAIN
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Consignee Address 4 :SAUDI ARABIA
Consignee Address 5 :BA043
Consignee VAT No :232218695
Country of Origin List Start :
Italy
United Kingdom
United States of America
Country of Origin List End :
Transport Details 1 :Method of Despatch
Transport Details 2 :28/8/2005
Remarks 1 :Remarks1
Remarks 2 :Remarks2
Quantity If Not Weight 1 :line 1
Quantity If Not Weight 2 :line 2
Quantity If Not Weight 3 :line 3
Marks & Numbers 1 :As addressed
Description of Goods 1 :1 Box Containing items
L / C Text 1 :Documentary letter of credit number 05783 dated 12/8/2005 set up
L / C Text 2 :with the National Bank of Canada, 16253 North Main Street, London,
L / C Text 3 :Ontario, Canada.
Goods Manufact. UK Only :Y
Goods Manufact. UK & Foreign :N
Goods Manufact. Foreign Only :N
Goods Manufactured By Start :
Line One
Line Two
Goods Manufactured By End :
Signatory :Fred Smith
Signatory Job Title :Customer Services Supervisor
Signatory Image :FS_SIG.BMP
Commercial Invoice Sent By :Attachment
Proof Invoice Sent By :Post or Courier
Certificate Dispatch Method :Collect
Payment Method :Accounts
Cert. Qty Cert. Only Orig. :2
Cert. Qty Cert. Only Copies :4
Cert. Qty Cert. Legal Orig. :3
Cert. Qty Cert. Legal Copies :5
Record Type :MANUFACTURER
Manufacturer Code :AS1
Manufacturer Name :Arthur Smith & Sons
Manufacturer Address 1 :300 Catcot Drive

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```
Manufacturer Address 2      :Leeds
Manufacturer Address 3      :
Manufacturer Notes 1        :
Manufacturer Notes 2        :
Manufacturer Notes 3        :
Manufacturer Notes 4        :
Record Type                 :MANUFACTURER
Manufacturer Code           :AS2
Manufacturer Name           :Arthur Smith & Sons
Manufacturer Address 1      :30 Pine Trading Estate
Manufacturer Address 2      :Leeds
Manufacturer Address 3      :
Manufacturer Notes 1        :
Manufacturer Notes 2        :Please Check
Record Type                 :CONSIGNMENT TOTALS
Total Net Weight            :2.500
Total Net Weight Unit       :KG
Total Gross Weight         :3.000
Total Gross Weight Unit    :KG
Total Cube                  :1.234
Total Cube Unit            :M3
```