

Importing Web-shop orders into EESys

EESys includes some database processes to import data entered by customers on the web-shop into EESys so the orders can be picked in the warehouse and dispatched.
How to use these features and how they work is described here.

File format & location required from the Webshop

EESys imports data from "CSV" (Comma Separated Value) files. These are reasonably easy to create in the webshop. The file should be laid out with all the order details on each line separated by **product**. Each line of the CSV file should include the customer's order-number and their address and other details, plus information about **one** product purchase. A single order may consist of one or more lines.

The CSV File should be saved to the "Database\Stores\Imports" folder on the Server, make note of the **name** of the file.

order_id	order_number	order_date	paid_date	status	payment	transaction	customer	shipping	customer	customer	customer	billing	first	billing
3661	3661	01/11/2022 06:23		canc	paypal	PayPal	82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3661	3661	01/11/2022 06:23		canc	paypal	PayPal	82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3661	3661	01/11/2022 06:23		canc	paypal	PayPal	82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3661	3661	01/11/2022 06:23		canc	paypal	PayPal	82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3662	3662	01/11/2022 06:24		compl	paypal	PayPal	81318400C 82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3662	3662	01/11/2022 06:24		compl	paypal	PayPal	81318400C 82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3662	3662	01/11/2022 06:24		compl	paypal	PayPal	81318400C 82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3662	3662	01/11/2022 06:24		compl	paypal	PayPal	81318400C 82.15.78.1 Mozilla/5. Free ship	0	0			Naima	Issa	
3663	3663	01/11/2022 08:31		compl	paypal	PayPal	9C724453C 86.14.142. Mozilla/5. Free ship	0	0			Azizur	Rahma	
3677	3677	01/11/2022 16:19		compl	paypal	PayPal	2H356362C 86.177.241 Mozilla/5. UK Mainla	0	0			Howard	Nicho	
3678	3678	01/11/2022 16:42		compl	paypal	PayPal	6RL22367C 86.150.227 Mozilla/5. Free ship	196	196			Diana	pick	
3678	3678	01/11/2022 16:42		compl	paypal	PayPal	6RL22367C 86.150.227 Mozilla/5. Free ship	196	196			Diana	pick	
3679	3679	02/11/2022 09:18		compl	paypal	PayPal	08432301C 217.155.34 Mozilla/5. Free ship	197	197			Alan	Selkirk	
3679	3679	02/11/2022 09:18		compl	paypal	PayPal	08432301C 217.155.34 Mozilla/5. Free ship	197	197			Alan	Selkirk	
3680	3680	02/11/2022 09:42		compl	paypal	PayPal	20X10547C 104.28.89. Mozilla/5. Free ship	16	16			Jeff	Morga	
3680	3680	02/11/2022 09:42		compl	paypal	PayPal	20X10547C 104.28.89. Mozilla/5. Free ship	16	16			Jeff	Morga	
3681	3681	02/11/2022 19:59		compl	paypal	PayPal	27H29609C 86.182.72. Mozilla/5. Free ship	0	0			Sheila	Malon	
3682	3682	02/11/2022 21:12		proce	paypal	PayPal	2HT40002C 86.171.101 Mozilla/5. Free ship	0	0			David	Jinkere	
3683	3683	03/11/2022 06:46		proce	paypal	PayPal	64017646C 95.150.23C Mozilla/5. UK Mainla	0	0			Karen	Clarke	
3684	3684	03/11/2022 13:25		proce	paypal	PayPal	6PK85047C 86.134.16. Mozilla/5. Free ship	198	198			Maggy	Miller	
3685	3685	03/11/2022 21:33		proce	paypal	PayPal	01798141C 2.120.61.1 Mozilla/5. UK Mainla	0	0			Susan	Herna	
3686	3686	04/11/2022 12:44		proce	paypal	PayPal	15N85635C 143.159.7C Mozilla/5. UK Mainla	0	0			Ben	Mayer	
3686	3686	04/11/2022 12:44		proce	paypal	PayPal	15N85635C 143.159.7C Mozilla/5. UK Mainla	0	0			Ben	Mayer	
3686	3686	04/11/2022 12:44		proce	paypal	PayPal	15N85635C 143.159.7C Mozilla/5. UK Mainla	0	0			Ben	Mayer	
3686	3686	04/11/2022 12:44		proce	paypal	PayPal	15N85635C 143.159.7C Mozilla/5. UK Mainla	0	0			Ben	Mayer	
3687	3687	04/11/2022 13:26		proce	paypal	PayPal	2L998304C 81.151.39. Mozilla/5. Free ship	0	0			Karen	Bird	
3687	3687	04/11/2022 13:26		proce	paypal	PayPal	2L998304C 81.151.39. Mozilla/5. Free ship	0	0			Karen	Bird	
3687	3687	04/11/2022 13:26		proce	paypal	PayPal	2L998304C 81.151.39. Mozilla/5. Free ship	0	0			Karen	Bird	
3687	3687	04/11/2022 13:26		proce	paypal	PayPal	2L998304C 81.151.39. Mozilla/5. Free ship	0	0			Karen	Bird	
3687	3687	04/11/2022 13:26		proce	paypal	PayPal	2L998304C 81.151.39. Mozilla/5. Free ship	0	0			Karen	Bird	
3688	3688	04/11/2022 17:06		proce	paypal	PayPal	2LC37783C 94.193.14. Mozilla/5. Free ship	199	199			Ann	Dean	
3688	3688	04/11/2022 17:06		proce	paypal	PayPal	2LC37783C 94.193.14. Mozilla/5. Free ship	199	199			Ann	Dean	
3688	3688	04/11/2022 17:06		proce	paypal	PayPal	2LC37783C 94.193.14. Mozilla/5. Free ship	199	199			Ann	Dean	
3688	3688	04/11/2022 17:06		proce	paypal	PayPal	2LC37783C 94.193.14. Mozilla/5. Free ship	199	199			Ann	Dean	
3688	3688	04/11/2022 17:06		proce	paypal	PayPal	2LC37783C 94.193.14. Mozilla/5. Free ship	199	199			Ann	Dean	
3689	3689	05/11/2022 09:19		proce	paypal	PayPal	3ZE35147C 82.24.96.2 Mozilla/5. UK Mainla	0	0			Robert	Stenso	
3690	3690	05/11/2022 12:01		proce	paypal	PayPal	0PN53992C 208.127.4C Mozilla/5. Free ship	200	200			Ken	Campb	
3691	3691	05/11/2022 16:48		proce	paypal	PayPal	99489566C 212.139.7C Mozilla/5. UK Mainla	0	0			Isinsu	Karabik	
3692	3692	05/11/2022 20:11		proce	paypal	PayPal	7EK41038C 82.132.231 Mozilla/5. UK Mainla	201	201			Pamela	Smitte	
3693	3693	05/11/2022 20:59		proce	paypal	PayPal	31T50693C 194.0.79.1 Mozilla/5. Free ship	0	0			Cillian	Brown	
3693	3693	05/11/2022 20:59		proce	paypal	PayPal	31T50693C 194.0.79.1 Mozilla/5. Free ship	0	0			Cillian	Brown	
3693	3693	05/11/2022 20:59		proce	paypal	PayPal	31T50693C 194.0.79.1 Mozilla/5. Free ship	0	0			Cillian	Brown	

EESys Internet Orders CSV File Example

The above image shows a sample webshop CSV file.

1. Order numbers repeat, with multiple lines for 1 order.
2. Note how the customer details also repeat on each line.

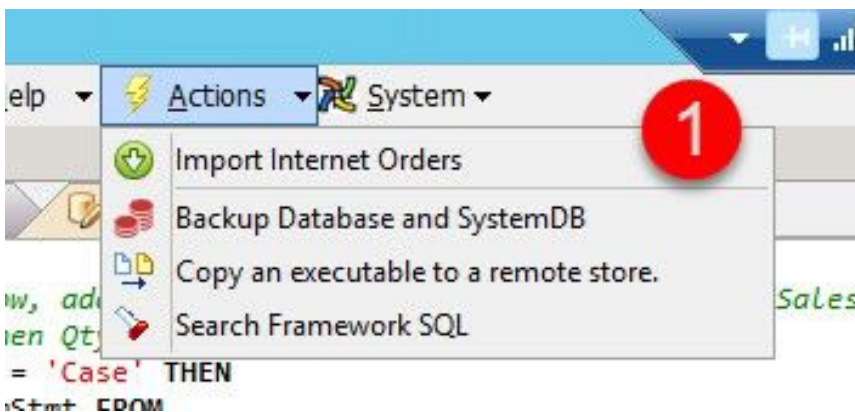
BF	BG	BH	BI
item_name	item_sku	item_qty	item_subtotal
Organic Decaffeinated Ground Coffee		3	20.37
Organic D.R. Congo Ground Coffee		1	6.29
Organic Ethiopian Yirgacheffe Ground Coffee		1	6.79
Organic Palestinian Extra Virgin Olive Oil (500ml)		1	11.99
Organic Decaffeinated Ground Coffee		3	20.37
Organic D.R. Congo Ground Coffee		1	6.29
Organic Ethiopian Yirgacheffe Ground Coffee		1	6.79
Organic Palestinian Extra Virgin Olive Oil (500ml)		1	11.99
Organic Raw Cane Sugar Sticks (1000x2g)		3	59.97
Organic Palestinian Extra Virgin Olive Oil (500ml)		3	35.97
Organic Italian Roast Coffee Beans		6	37.74
Organic Raw Cane Sugar (500g)		1	2.39
Organic Dark Roast Decaffeinated Ground Coffee		4	21.72
Organic Dark Roast Decaffeinated Coffee Beans		4	21.72
Organic Italian Roast Ground Coffee		8	50.32
Organic Extreme Dark Chocolate 88% - Single	OED/N12	2	4.46
Organic Palestinian Extra Virgin Olive Oil (500ml)		4	47.96
Organic Hispaniola Cocoa (250g) - Case of 6 (-10%)	OC/N6	2	48.5
Organic Dark Roast Ground Coffee		1	25.16
Organic Palestinian Extra Virgin Olive Oil (500ml)			71.94
Organic Dark Roast Decaffeinated Ground Coffee		2	10.86
Palestinian Extra Virgin Olive Oil (1l)		1	21.39
Organic Raw Clear Honey (500g)		1	6.5
Organic Dark Chocolate Caramel Crunch Sea Salt 55% - Single	ODCC/N12	1	2.23
Organic Ethiopian Yirgacheffe Ground Coffee		1	6.79

EESys Internet Orders CSV File Example: Products Section

The above image shows further columns in the same CSV file.

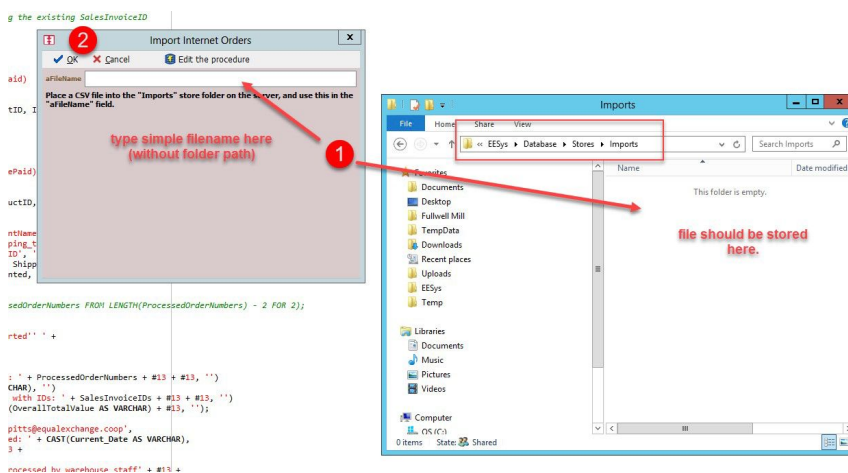
1. Each row contains details of the customer's order for a **different** product, with the product's name, product-code and quantity ordered.

Actually importing Orders



"Import Internet Orders" Action in EESys

To import the data, Click on the "Actions" button in EESys, and select "Import Internet Orders" (shown at 1., above)



Running the "Import Internet Orders" procedure

When "Import Internet Orders" is clicked, a small screen will open in EESys, as shown above. Type the file-name for the import CSV file into the "aFileName" field, as shown at 1., in the image. Then Click on the "OK" button (marked 2.).

The Import procedure will run

1. SalesInvoices will be created, one per Order-Number.
2. SalesInvoiceItems will be added and linked to each SalesInvoice, one per product ordered.
3. The SalesInvoices will be set to a status of "Picking", so they are then available to warehouse staff.
4. The CSV File will be renamed with a file extension "old" so that it is not accidentally imported twice.

Technical Details: The columns needed in the CSV file for the import process to work

The first step of the import process is for all the CSV data to be imported into a single data-table in the database which is exclusively used to hold the "raw" web-shop orders. Orixia then uses this raw data to pull through to the main system BusinessObject tables, SalesInvoices and SalesInvoiceItems. Once data has been imported, the "status" field in the WebShopOrders data-table is updated, so that items should not be imported twice.

If there are problems / issues, the contents of this table can be reviewed to see what may have gone wrong. For example, it is possible for items to be accidentally imported twice, or for rows of data to include invalid product-codes. In such instances it can be useful to open and review the "WebShopOrders" data-table to see what has gone wrong.

Also, if in future the web-shop is changed, this may impact on the operation of the importation process. Provided that the CSV file contains fields with the same names as the fields of the "WebShopOrders" data-table, the import process will still work. Therefore if the website is restructured try to ensure that the CSV file has the same fields as shown here, or review and update the SQL processes in EESys to change field-names to new names used by the webshop.

WebshopOrders SQL data-definition

```
CREATE TABLE "WebShopOrders" ( "ID" INTEGER DEFAULT UID(),  
"order_id" VARCHAR(200) COLLATE "ANSI",  
"order_date" VARCHAR(200) COLLATE "ANSI",  
"status" VARCHAR(200) COLLATE "ANSI",  
"shipping_total" VARCHAR(200) COLLATE "ANSI",  
"order_total" VARCHAR(200) COLLATE "ANSI",  
"order_key" VARCHAR(200) COLLATE "ANSI",  
"payment_method" VARCHAR(200) COLLATE "ANSI",  
"transaction_id" VARCHAR(200) COLLATE "ANSI",  
"customer_ip_address" VARCHAR(200) COLLATE "ANSI",  
"shipping_method" VARCHAR(200) COLLATE "ANSI",  
"customer_id" VARCHAR(200) COLLATE "ANSI",  
"billing_first_name" VARCHAR(200) COLLATE "ANSI",  
"billing_last_name" VARCHAR(200) COLLATE "ANSI",  
"billing_company" VARCHAR(200) COLLATE "ANSI",  
"billing_email" VARCHAR(200) COLLATE "ANSI",  
"billing_phone" VARCHAR(200) COLLATE "ANSI",  
"billing_address_1" VARCHAR(200) COLLATE "ANSI",  
"billing_address_2" VARCHAR(200) COLLATE "ANSI",  
"billing_postcode" VARCHAR(200) COLLATE "ANSI",  
"billing_city" VARCHAR(200) COLLATE "ANSI",  
"billing_state" VARCHAR(200) COLLATE "ANSI",  
"billing_country" VARCHAR(200) COLLATE "ANSI",  
"shipping_first_name" VARCHAR(200) COLLATE "ANSI",  
"shipping_last_name" VARCHAR(200) COLLATE "ANSI",  
"shipping_company" VARCHAR(200) COLLATE "ANSI",  
"shipping_phone" VARCHAR(200) COLLATE "ANSI",  
"shipping_address_1" VARCHAR(200) COLLATE "ANSI",  
"shipping_address_2" VARCHAR(200) COLLATE "ANSI",  
"shipping_postcode" VARCHAR(200) COLLATE "ANSI",  
"shipping_city" VARCHAR(200) COLLATE "ANSI",  
"shipping_state" VARCHAR(200) COLLATE "ANSI",  
"shipping_country" VARCHAR(200) COLLATE "ANSI",  
"customer_note" VARCHAR(200) COLLATE "ANSI",  
"item_product_id" VARCHAR(200) COLLATE "ANSI",
```

```
"item_name" VARCHAR(200) COLLATE "ANSI",  
"item_sku" VARCHAR(200) COLLATE "ANSI",  
"item_quantity" VARCHAR(200) COLLATE "ANSI",  
"item_subtotal" VARCHAR(200) COLLATE "ANSI",  
"item_subtotal_tax" VARCHAR(200) COLLATE "ANSI",  
"item_total" VARCHAR(200) COLLATE "ANSI",  
"item_total_tax" VARCHAR(200) COLLATE "ANSI",  
"item_refunded" VARCHAR(200) COLLATE "ANSI",  
"item_refunded_qty" VARCHAR(200) COLLATE "ANSI",  
"Complete" BOOLEAN DEFAULT false NOT NULL,  
"DateCreated" TIMESTAMP DEFAULT Current_Timestamp NOT NULL  
)
```

Notes: The "ID", "Complete" and "DateCreated" fields in the above data-table are managed by Orixa. All other fields are imported from the "WebShop.CSV" file. This file **MUST** contain all of these fields, and must include **HEADER-COLUMNS** with the names of the fields which match these names exactly. The "Webshop.CSV" file can include as many other columns as you like, these extra columns will simply be ignored.