

## Micheldever Systems Connection through CAM Systems' eLink software

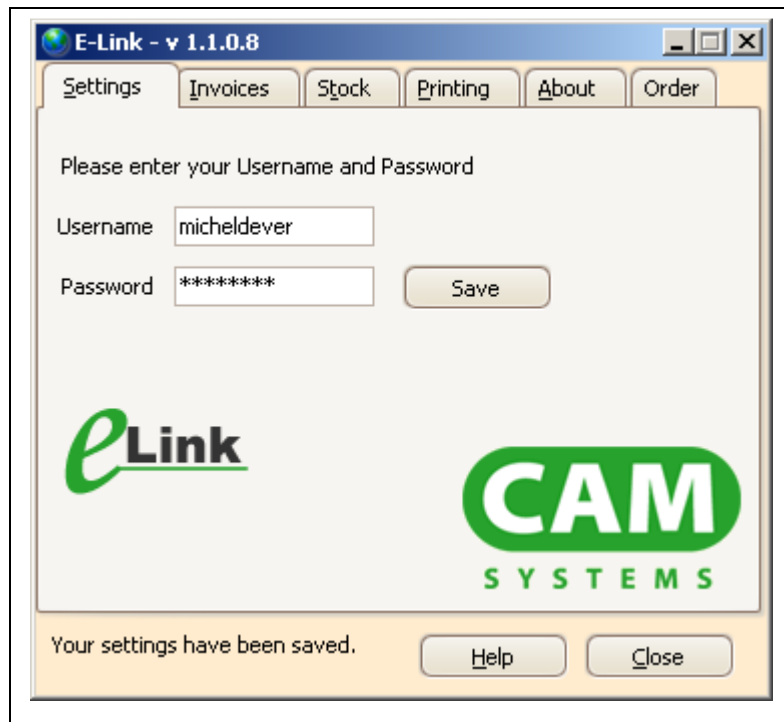
- Suggested procedures -

### Introduction

#### What is eLink?

eLink provides data integration between Micheldever's computer systems and customer's machines. The software is loaded onto a customer's machine and allows the user to download invoices and stock & pricing (if authorised).

The eLink program builds on the Midas and ESP technology already managed by CAM Systems Ltd.





## 1. Setup

### 1.1. Pre-installation setup

1. The customer needs to be set up on Micheldever's CAMEO system and also as an ESP customer. (Please see appendix A)
2. Inform the Micheldever IT department, in writing, of the customer requirement for eLink. Their profile will then be set up and the customer will be able to download invoices using the software.

***If the customer requires the ability to be able to download stock and pricing information:***

3. The installation must be authorised by Mike Hawes or Jason Burgess. their written confirmation must be received by the Micheldever IT department, along with the customer's signed disclaimer. (Please see appendix B)
4. The stock and pricing functionality will be switched on for the customer.

## 1.2. Loading the eLink software

### 1.2.1. *Install Microsoft .Net 2*

<http://www.microsoft.co.uk>

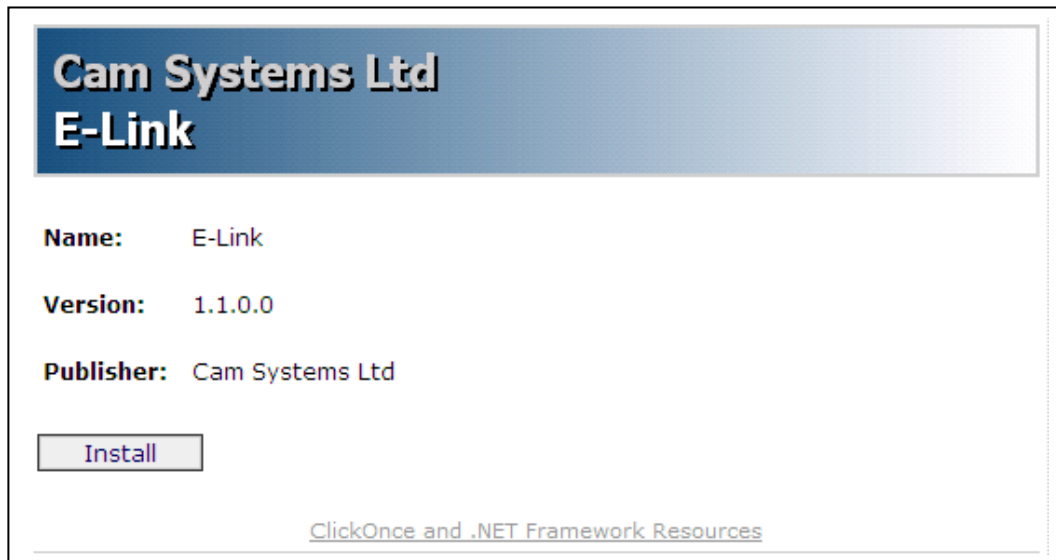
This is a free download from Microsoft.

### 1.2.2. *Install eLink onto the machine*

Log onto the following location.

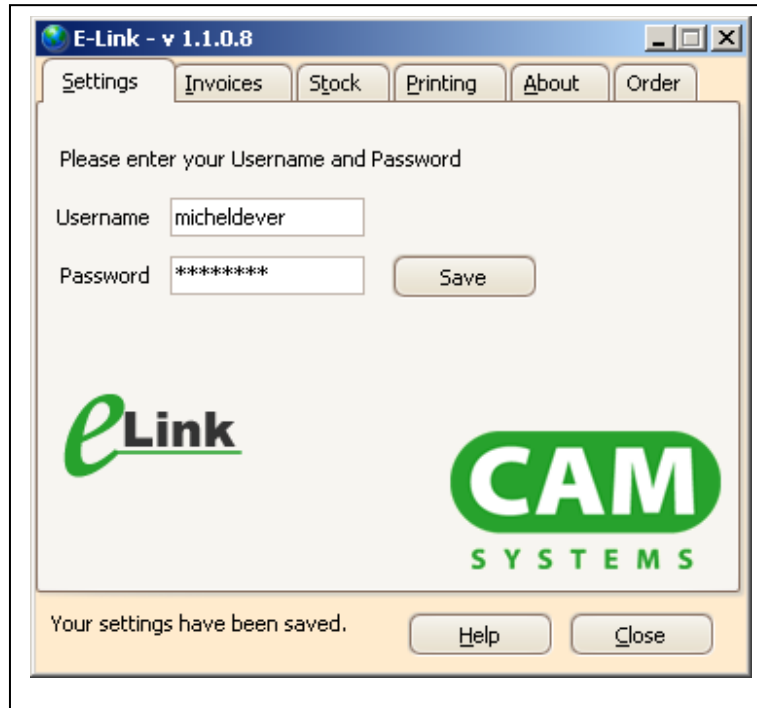
<http://e-link.cam-systems.co.uk/client/publish.htm>

Click to download the software.



### 1.3. Setting up eLink

You will be supplied a username and password for logging onto the software. **This is case sensitive** so please make sure you get this correct.

A screenshot of the E-Link software window, version 1.1.0.8. The window has a title bar with the text "E-Link - v 1.1.0.8" and standard window controls. Below the title bar is a menu bar with buttons for "Settings", "Invoices", "Stock", "Printing", "About", and "Order". The main area of the window contains a message "Please enter your Username and Password". Below this message are two input fields: "Username" with the text "micheldever" and "Password" with the text "\*\*\*\*\*". To the right of the password field is a "Save" button. At the bottom of the main area are the "eLink" and "CAM SYSTEMS" logos. Below the logos is a status bar that says "Your settings have been saved." and contains "Help" and "Close" buttons.

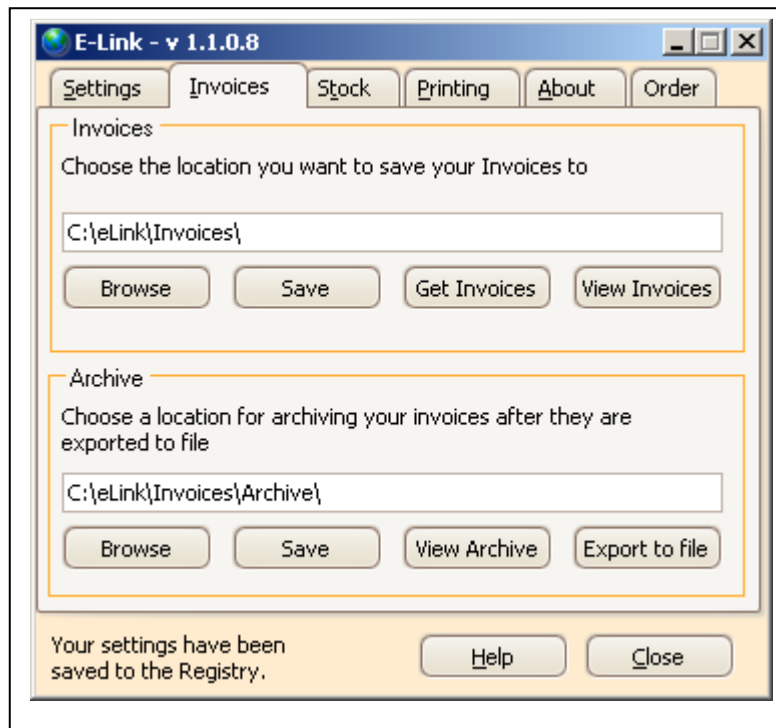
## 1.4. Invoicing

Within the Invoices tab, you will need to define where you would like to save the file to in the “Path to Save” section. The Browse button will help to navigate to the desired folder.

**Remember to save your settings once you have updated them.**

**Get invoices button;** downloads all invoices not yet downloaded (on that machine).

**View invoices button;** this opens the file directory where all of the invoices have been downloaded to. Double clicking on any of these files will display the invoice.

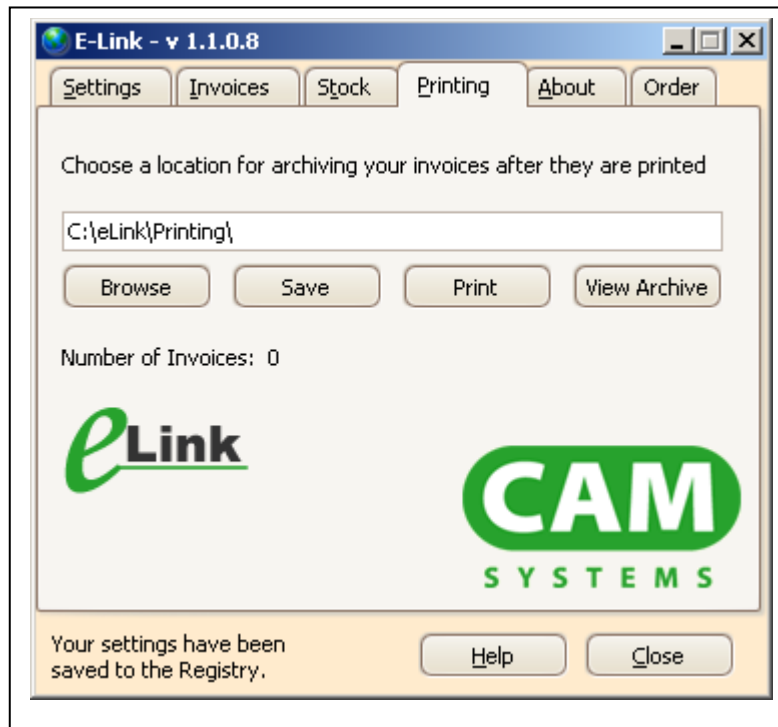


By pressing “Export to file” the user can select the folder containing invoices and eLink will generate a csv file of the information held within those invoices. This can be used to import the invoice values into a third party application such as SAGE or CAMEO.

## 1.5. Printing

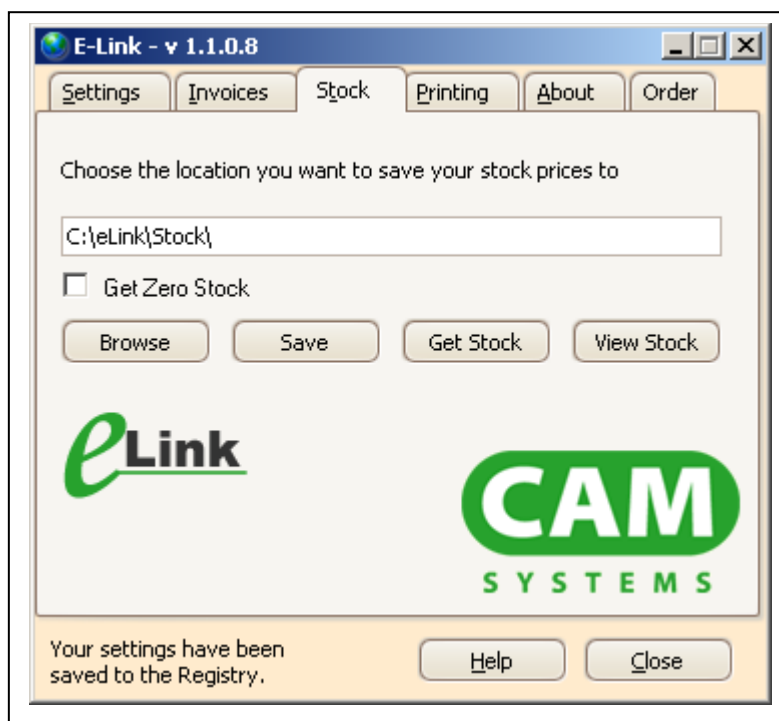
The user has the ability to print all of the invoices that have just been downloaded. Once printed, the files are moved into an archive folder.

**View Archive button;** the view archive button allows the user to view the file directory of the files that have already been printed, in the same way that view invoices works.



## 1.6. Setting up eLink for downloading stock and pricing information

Enter the location for the stock file in the “Path to Save” box and then save settings.



**Get Stock button;** pressing the get stock button will start the download for the latest stock and pricing information. You have a “tick box”, which allows you to include product information, where Micheldever do not currently have any stock.

### 1.6.1. Stock export format

The stock download produces a .csv file containing the following data:

DEPOT\_NAME,  
MANU\_DESCRIPTION,  
STSPCODE (IPCODE),  
STCODE,  
STOCK\_DESCRIPTN,  
SECTION,  
PROFILE,  
RIM,  
SPEED,  
LOAD\_INDEX,  
GRAPHIC,  
STOCKBAL,  
PRICE,

	Column Name	Data Type	Length	Allow Nulls
	DEPOT_NAME	nvarchar	50	✓
	[ MANU_DESCRIPTION]	nvarchar	16	✓
	[ STSPCODE (IPCODE)]	nvarchar	30	✓
	STCODE	nvarchar	30	✓
	[ STOCK_DESCRIPTN]	nvarchar	45	✓
	[ SECTION]	nvarchar	5	✓
	[ PROFILE]	nvarchar	5	✓
	[ RIM]	nvarchar	5	✓
	SPEED	nvarchar	2	✓
	[ LOAD_INDEX]	nvarchar	8	✓
	[ GRAPHIC]	nvarchar	16	✓
	[ STOCKBAL]	float	8	✓
	[ PRICE]	float	8	✓



### **1.6.2. Automate the download**

The download can be scheduled using the following batch command:

Navigate to the location of the application (shown on the first page of the eLink program)

```
Cd C:\Documents and Settings\USER.SPECIFIC\Local  
Settings\Apps\2.0\LCHETZMG.TT9\PEZEG8JK.62Z\winc..tion_39dee941941204da_0001.0001_  
8a6480b687d50586
```

```
WinAppClient /gs
```

### **1.6.3. Update schedule.**

Micheldever update Pricing information every night between 02:00 and 05:00. Please schedule the file to update at some point between 05:30 and 07:30. Stock information is updated every ten minutes, so updates can be scheduled to run every half an hour from 08:00 and 18:00.

If you wipe the data file every night with the full update, including the pricing information, and then run an update command during the day to update any quantity values that have changed. This will then remove any stock sizes that have been removed from Micheldever's CAMEO system.



## 2. Using the eLink data

### 2.1. Data validation

#### 2.1.1. Section, Profile, Rim

Section, Profile, Rim, Speed and load index comes straight out of Micheldever's CAMEO system. These values are generated as stock codes are built manually. As with any process there is room for error, so it is important that you have a validation table.

SECTION,  
PROFILE,  
RIM,SPEED,  
LOAD\_INDEX,

	Column Name	Data Type	Length	Allow Nulls
	[SECTION]	nvarchar	5	✓
	PROFILE	nvarchar	5	✓
	RIM	nvarchar	5	✓
	SPEED	nvarchar	2	✓
	LOAD_INDEX	nvarchar	8	✓

It is suggested that if you write the query to use the load index if it is input, or ignore it if the user has not entered this.

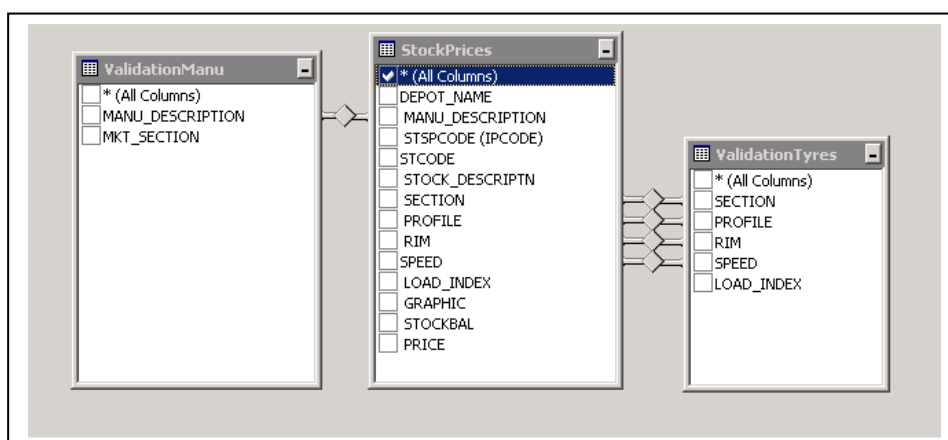
#### 2.1.2. Manufacturer

The data contains stock codes from a variety of brands. This data will need to be filtered to fit in with the brand profile of the receiving system (i.e. you may not want to purchase/ offer Michelin through the system). You can also use this section to determine the quality of the brand, i.e. budget, mid-range and premium.

MANU\_DESCRIPTION,  
MKT\_SECTION

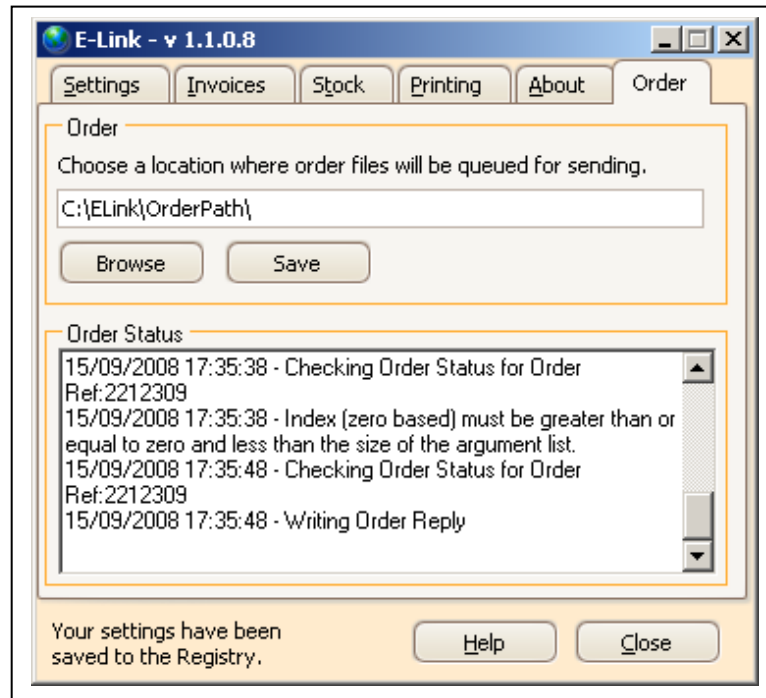
	Column Name	Data Type	Length	Allow Nulls
	MANU_DESCRIPTION	nvarchar	16	✓
	MKT_SECTION	float	8	✓

The database relationship is something like the following: (inner join between tables)



### 3. Integration back into Micheldever

As well as providing the customer with Micheldever information orders can be placed back into the software, which are sent on to Micheldever's CAMEO system. eLink will accept csv files by default and the order format is defined within the help file.



The csv file format is as follows:

E-LINK\_CUSID, E-LINK\_DEPOT\_ID, STOCKCODE, QTY, VALUE, ORDERNUMBER,  
DELIVERYADDRESS1, DELIVERYADDRESS2, DELIVERYADDRESS3, DELIVERYADDRESS4,  
DELIVERYPOSTCODE



## **Appendix**

Appendix A

ESP application form

Appendix B

Customer disclaimer

## Appendix A – ESP application form

Date	
<b>Account Details</b>	
Account Number	
<b>Account Name</b>	
Address 1	
Address 2	
Address 3	
Post Code	
Contact Name	
Tel Number	
Fax Number	
E-Mail Address	
<b>Hardware Details</b>	Please try and complete all sections
Operating System <i>W98 / W2k Pro / WME / W XP-Home or W XP-Pro. / Vista <b>W95/NT4 / Millennium is not supported</b></i>	
Proposed Communication Method <i>Analogue / Broadband</i>	
If Vista <i>number of certificates required</i>	
Broadband Provider - <i>Internet Explorer / Mozilla / AOL etc – N.B Mozilla is not supported</i>	
<b>Micheldever Set Up Details</b>	Please try and complete relevant sections
Trading Point	
Run Number	
Standard Price	
Sales Representative	
<b>Other Details</b>	
Installation Date Required (2 days notice please)	
Micheldever Installer	
Authorised Signature	



### **Indemnity**

The Recipient shall (in addition to, and without affecting, any other rights or remedies the Recipient may have whether under statute, common law or otherwise) indemnify, and keep indemnified Micheldever from and against all actions, claims, demands, liabilities, damages, losses, costs, charges and expenses (including, without limitation, consequential losses, loss of profit and loss of reputation and all interest, penalties and legal and other professional costs and expenses) arising (directly or indirectly) from, any breach or non-performance by the Recipient, or any person to whom it has disclosed or given access to any part of the Confidential Information or any copies, of any of the provisions of this letter.

The Confidential Information may not be accurate or complete and Micheldever make no representation or warranty as to the accuracy, completeness or reasonableness of the Confidential Information and no such representation or warranty shall be implied.

If any court or administrative body of competent jurisdiction finds any provision contained in this letter to be invalid, unenforceable or illegal, the other provisions of this letter shall remain in force.

A variation of the terms contained in this letter shall be in writing and signed by or on behalf of all parties.

The terms contained in this letter and any disputes or claims arising out of, or in connection with it, are governed by and construed in accordance with the laws of England.

Yours faithfully

[ ] for and on behalf of Micheldever Tyre Services Limited

I confirm receipt of this letter and compliance with its terms

[ ] for and on behalf of [ ]

Dated: