



BLINK VERSION 2

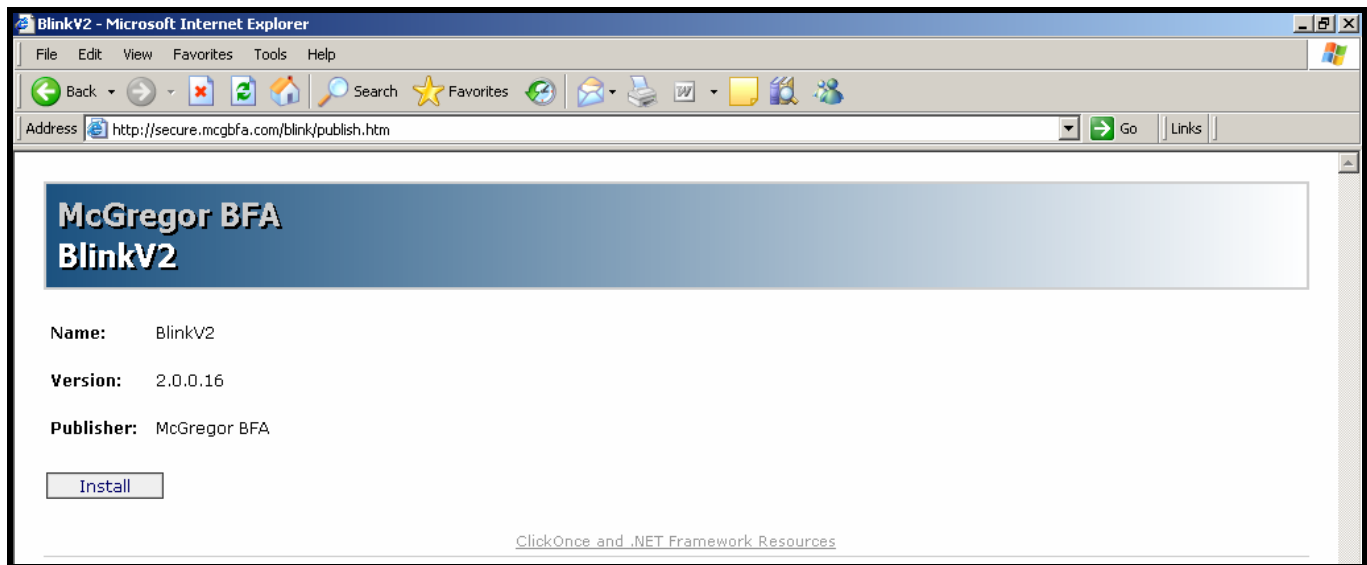
USER GUIDE

Downloading & Installing Blink Version 2

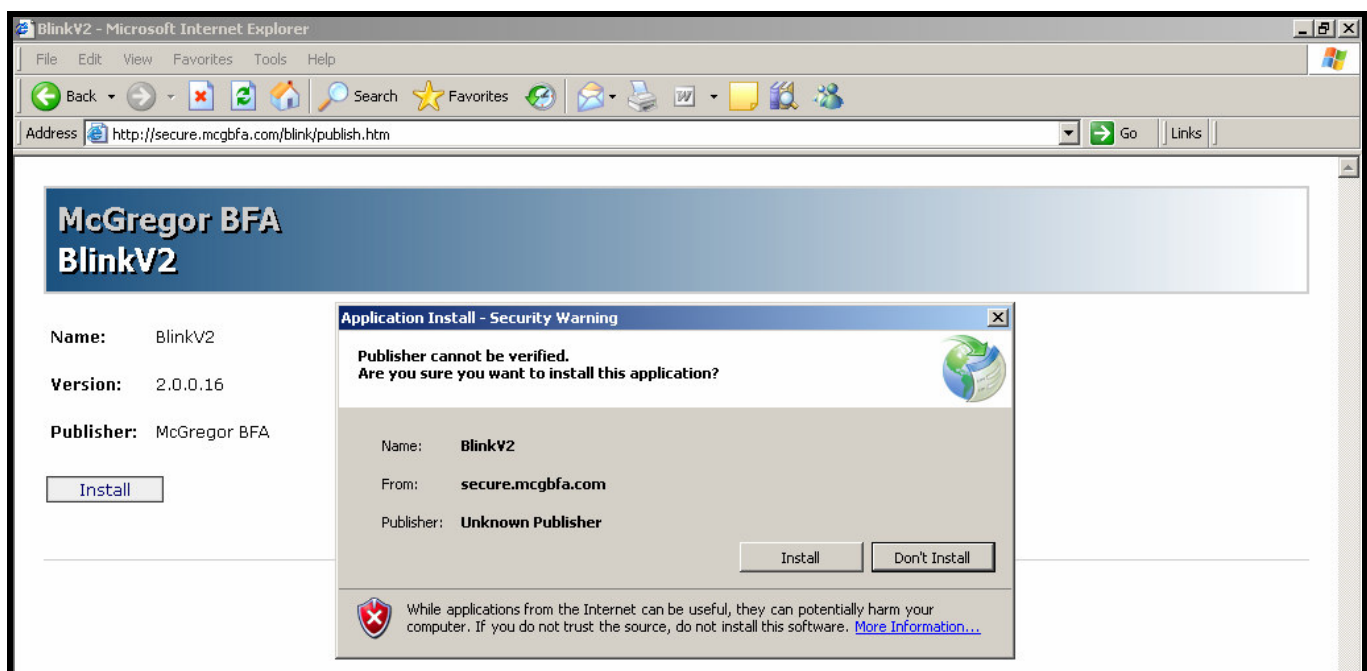
You are able to download the new Blink Version 2 from the following URL:

<http://secure.mcgbfa.com/Blink/publish.htm>

Simply click on the  button and follow the prompts.

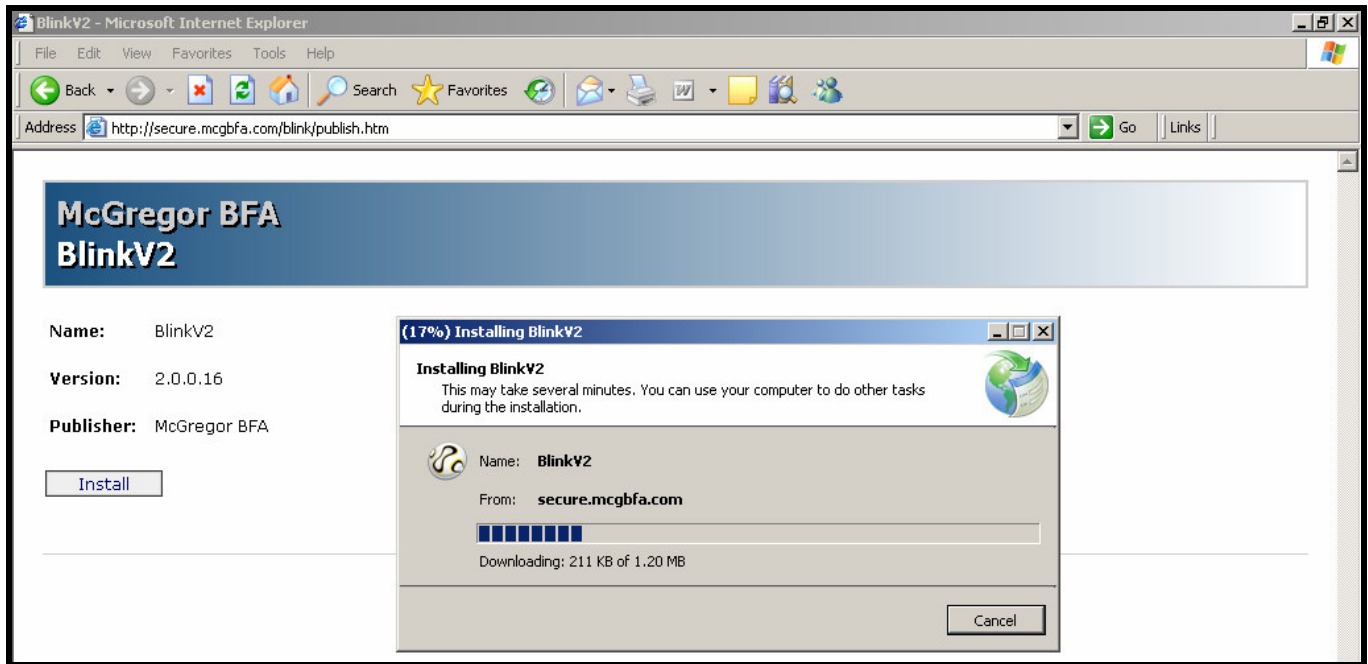


Once you have clicked on the install button you will receive the following prompt, click on the "Install" option to continue the process.



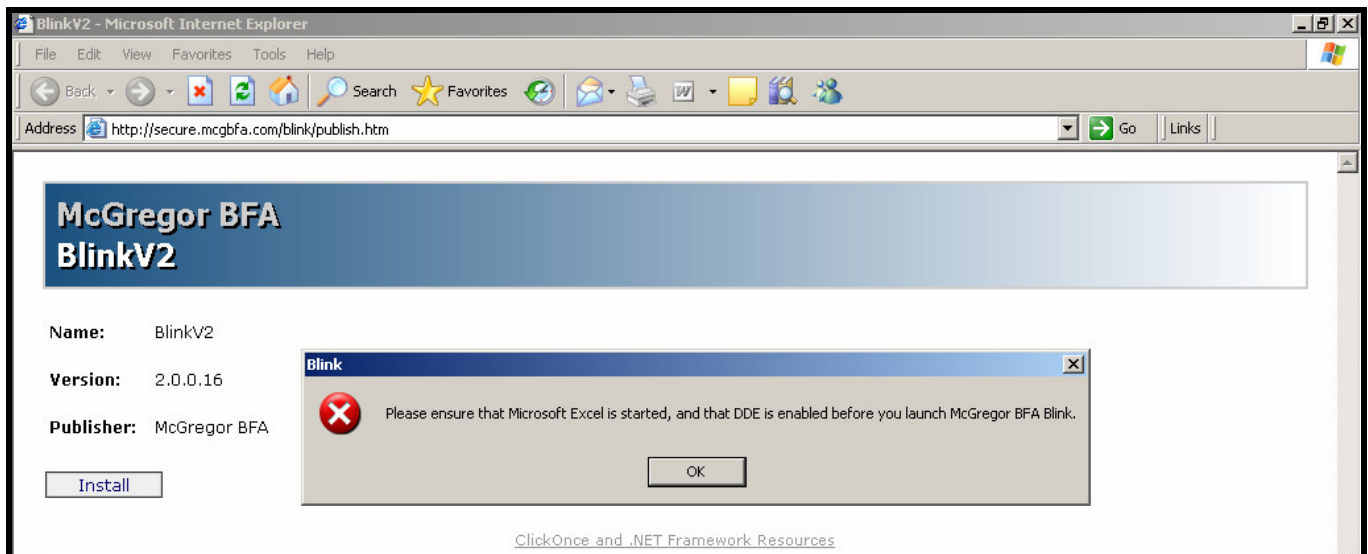


The Blink Version 2 application will then begin downloading to your computer.



Once the installation is complete you will get the following prompt.

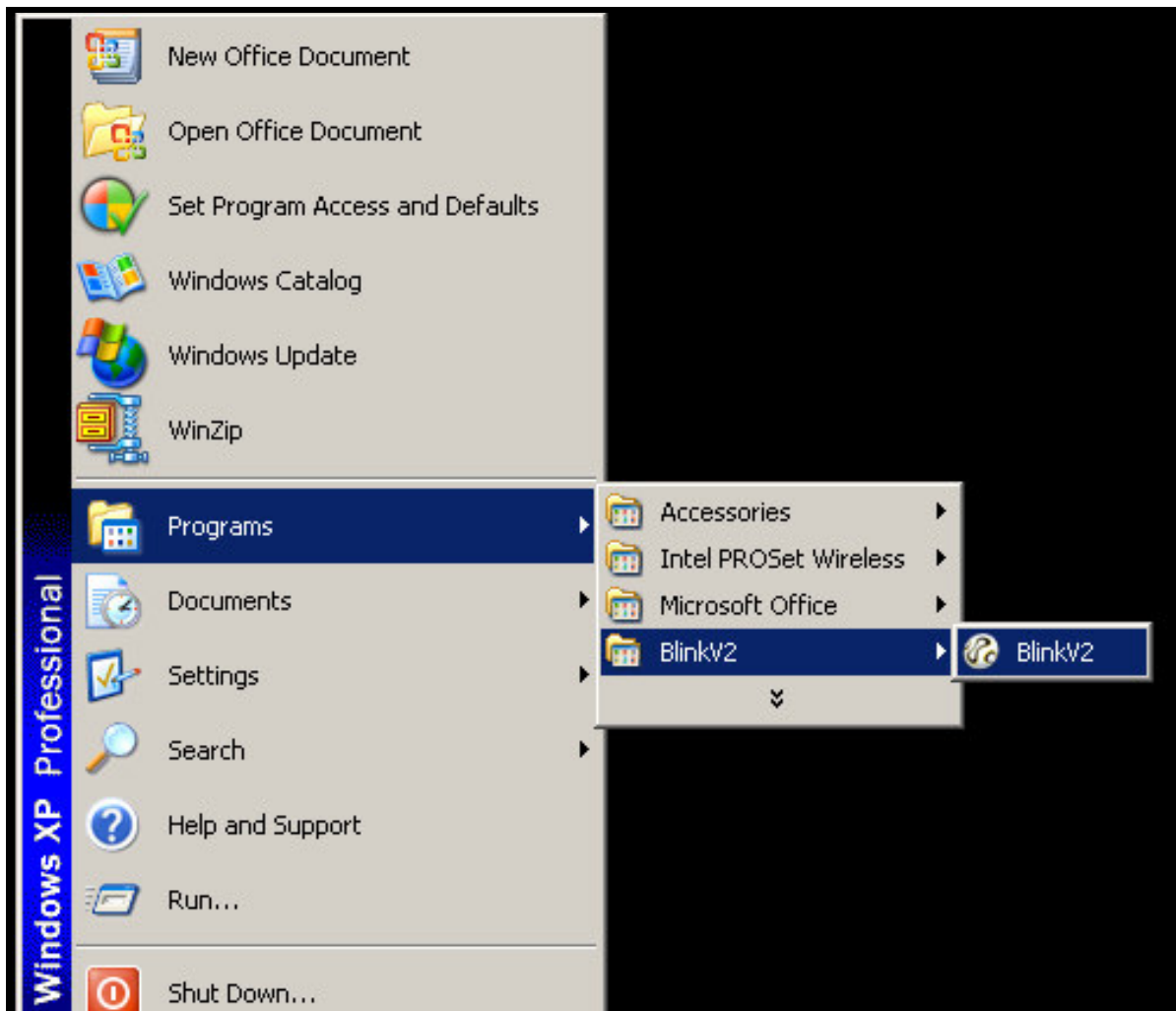
“Please ensure that Microsoft Excel is started and that DDE is enabled before you launch McGregor BFA Blink.”



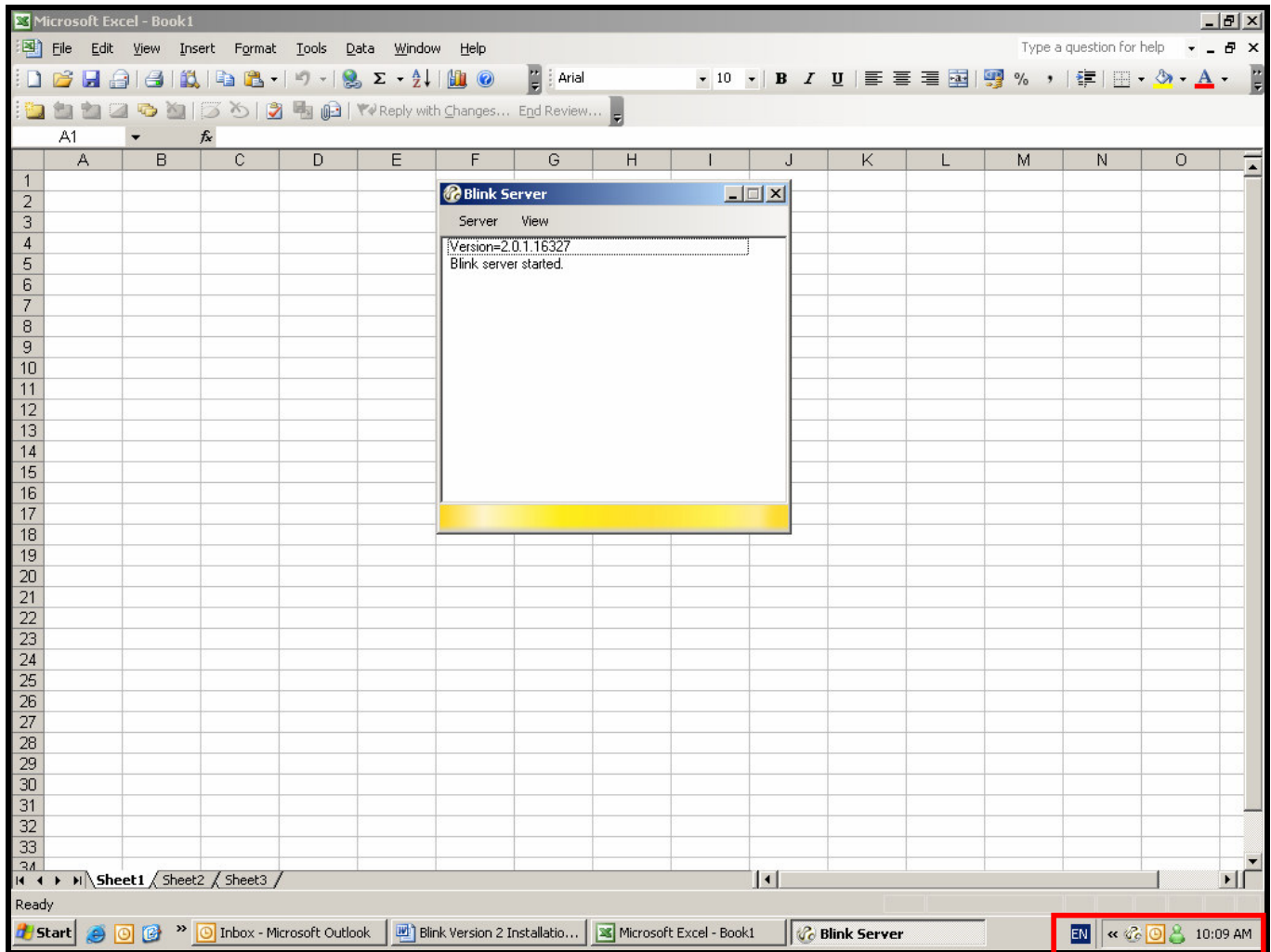
Starting Blink Version 2

Please ensure that you start Microsoft Excel first before attempting to run the Blink Version 2 program.

You can start Blink Version 2 from the following place on your Programs Menu.



You will now see that Blink Version 2 has successfully started.



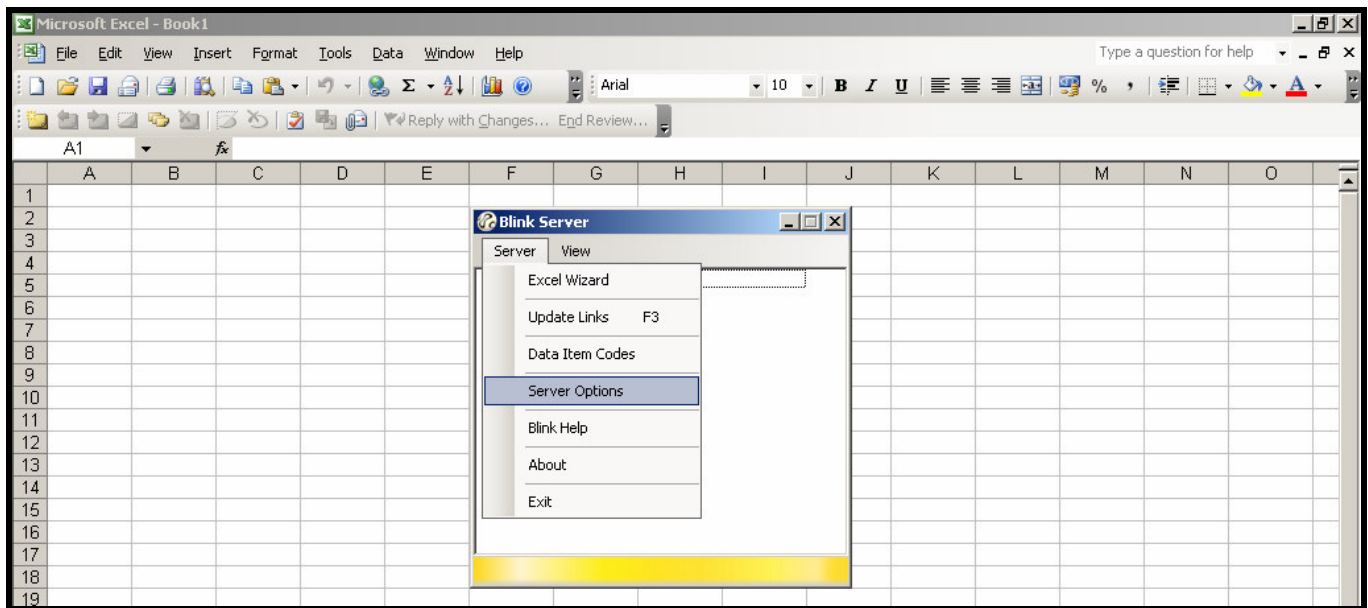
You will notice that there is a Blink Version 2 icon on the bottom right hand side of your Task Bar.

This is where you will access Blink Version 2 when it is minimised, double click on the icon to maximize Blink Version 2 for further use.

Configuring Blink Version 2

You will need to configure Blink Version 2 in order for it to work correctly.

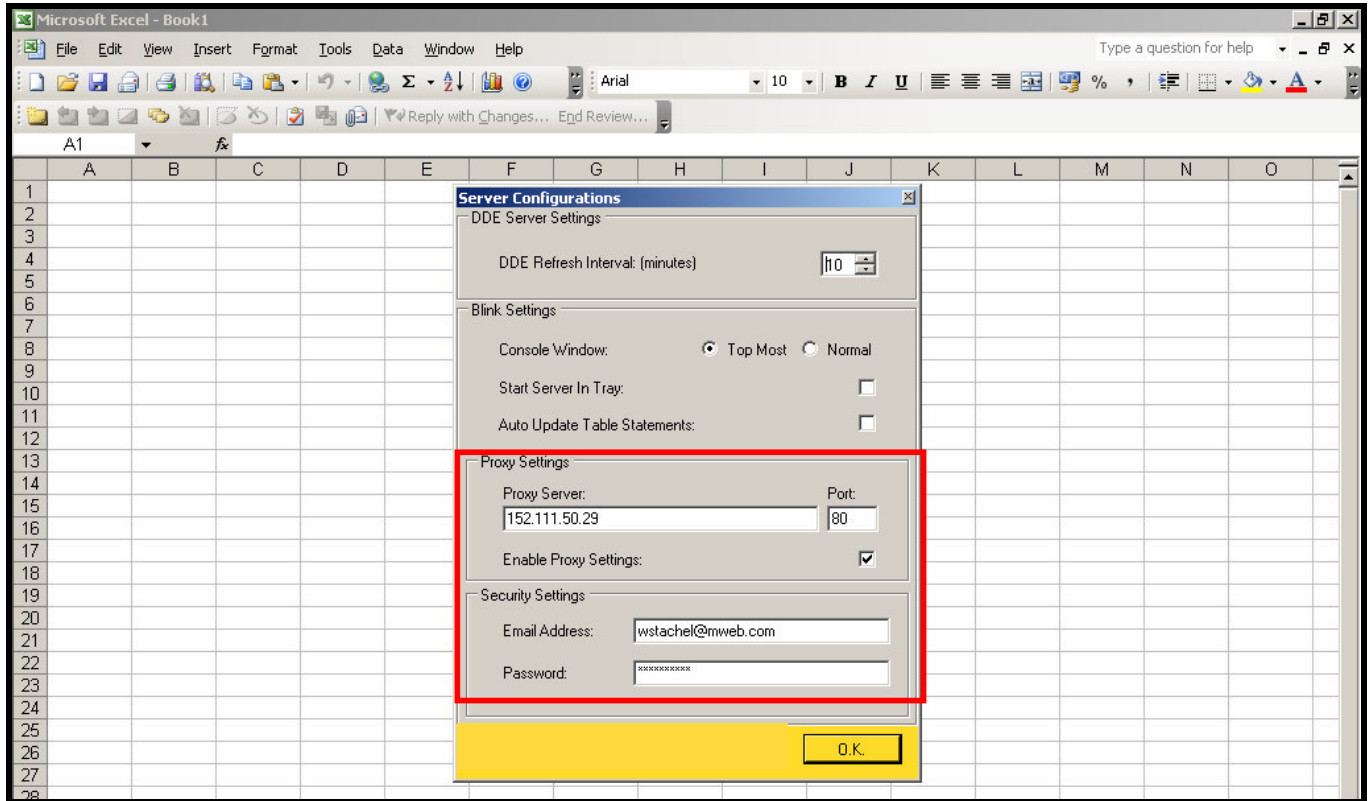
Click on the Server Menu and then click on Server Options.



This will then allow you to enter any Proxy Authentication details IF required as well as your Research Domain user name and password.

PLEASE NOTE: Blink Version 2 will not work without your Research Domain user name and password.

Once you have entered all the relevant information for the Proxy Authentication details IF required as well as your Research Domain user name and password you can now start using Blink Version 2.



NB: Please note that at some stage a new version of Blink might become available and you will always be prompted that a new version is available for download and installation.

The Blink Concept

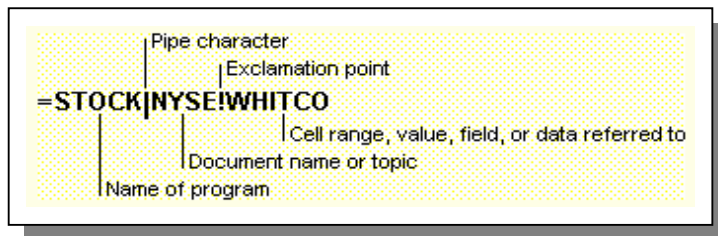
The Blink Server allows for the direct integration of the **Analyser** database into your spreadsheets and other programs that support the DDE protocol of MS Windows. In this manual we explore the workings and applications of the Blink Data Server.

Just to re-cap we want to quote from the MS Excel help file on DDE:

“If you cannot use the Copy and Paste Special commands to link data from another program, you can enter a remote reference formula that refers to the data. The data is displayed on your worksheet as the result of the formula.

The formula has three parts: the name of the application; the file name or topic; and the cell range, value, field, or data that's referred to. The following illustration shows the parts of a remote reference formula and the required separator characters.

If the name of the application, document, topic, or data item contains spaces or characters such as a colon (:) or minus sign (–) that have special uses in a formula, or if a name resembles a cell reference, enclose the name in single quotation marks.”



One of the big advantages of this technique is that as and when information changes in the source application (**Analyser**) it will automatically reflect in the destination application (your spreadsheet).

The DDE server name is Blink. The Topic name can be any JSE ticker or short name (or a reference to a list of tickers or short names in your spreadsheet). The value field can be almost any item of data in the database.

Single Blinks

1. Open Excel.
2. Open Blink Version 2.
3. Select any cell/or the required cell in a worksheet.
4. Type the BLINK COMMAND.

= BLINK|**SAB**!PRC

=BLINK| Analyser Data Server

SAB! Ticker Symbol (Try DDT, NPN, AVI)

PRC **Statement required (Try CAP for Latest Market Cap, FNM for company full name etc), these field names can be found on the Blink toolbar under the 'Server' drop down menu and 'Data item codes'. You can also invent your own 'Data item codes' by double clicking on any particular field.**

5. Type Enter and you will see the following result:

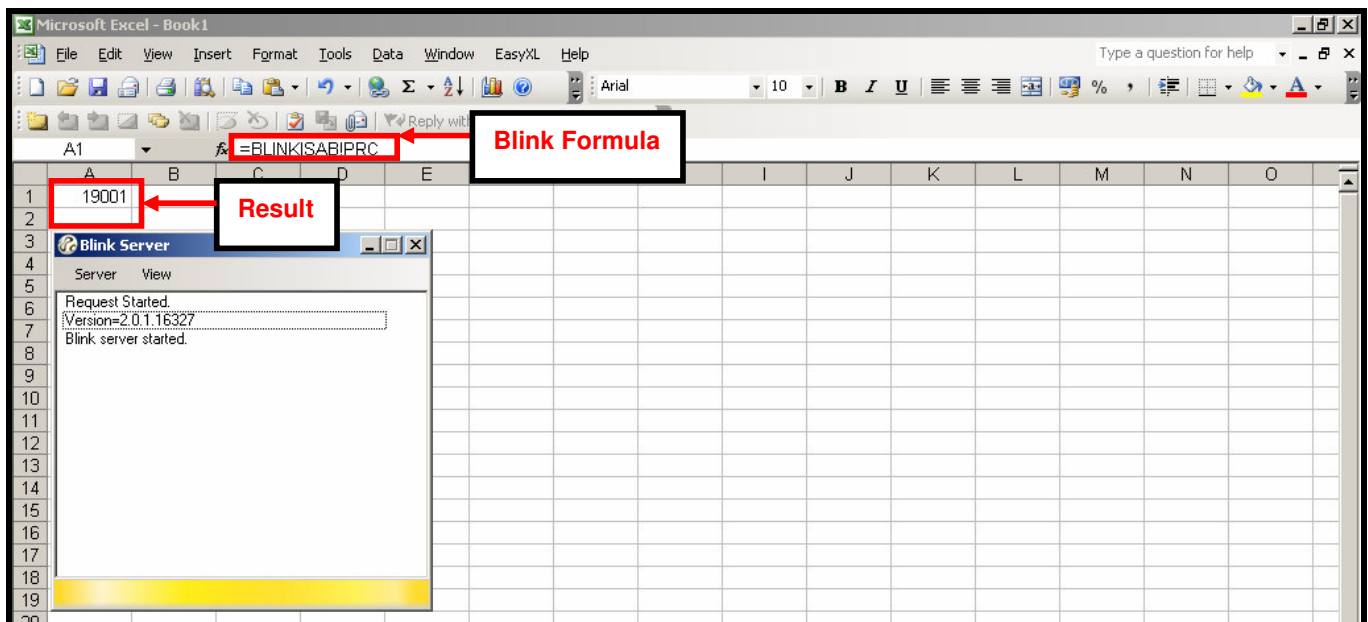
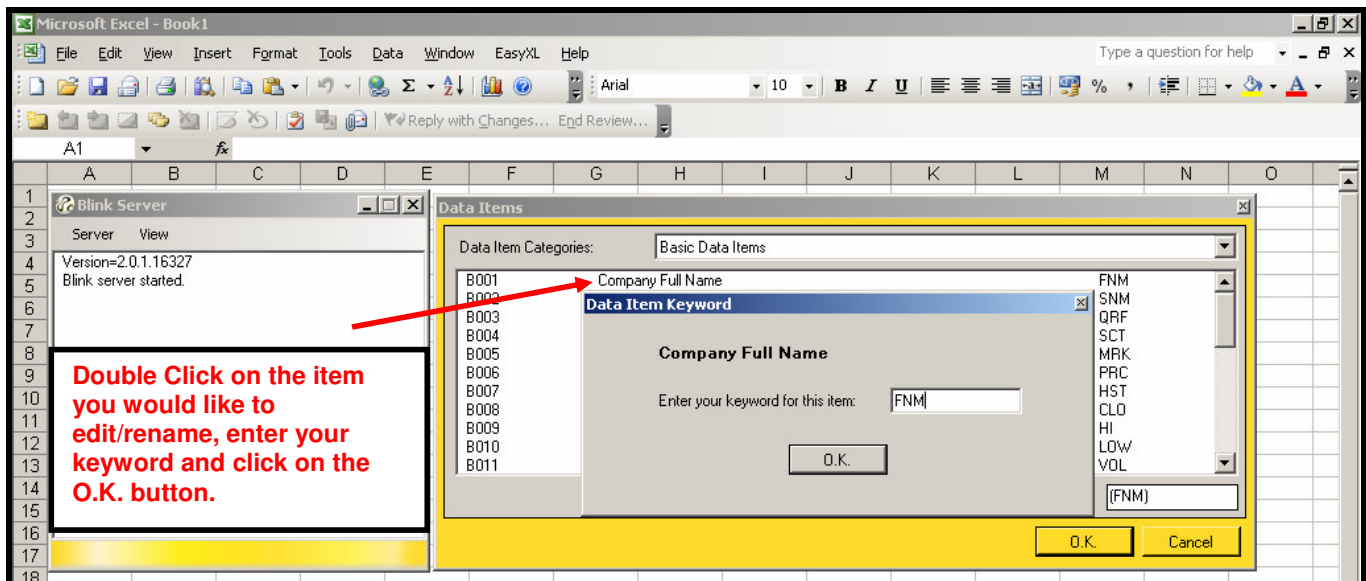


Table Blinks

To automatically create tables of data using the Blink Server is a 3 part process. Firstly, you need to “name” the item’s you want to put into your table. Secondly, you need to create the row and column headings in your spreadsheet, which define the table, and thirdly, you need to enter the correct BLINK statement.

Naming the items involves creating a keyword for the items you want. This is done using the ‘Data Item Codes’ menu option found under the ‘Server Menu’ on the Blink Server Toolbar.



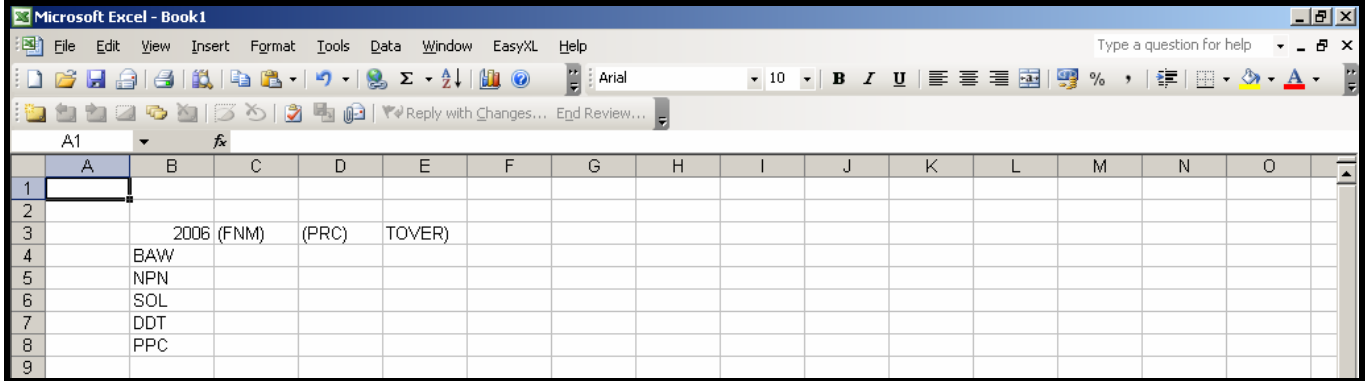
This dialog will allow you to see what items of data can be extracted from the database and what the keyword for each item is.

You will notice that next to each item available under Basic Items there is a keyword. You can view other items that are available by selecting the various options from the drop down menu at the top.

You will find that many of the data items do not yet have an associated keyword. By double clicking any item you can edit or create a keyword for that data item.

Once you have created the keywords for all the items you want you are ready to start creating the table in Excel. For example, let’s say we wanted to create a table of companies full name, the share price, and the company’s turnover.

Additionally, we want this information for a set of companies. We could then create the following arrangement in Excel.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3		2006 (FNM)	(PRC)	TOVER)											
4		BAW													
5		NPN													
6		SOL													
7		DDT													
8		PPC													
9															

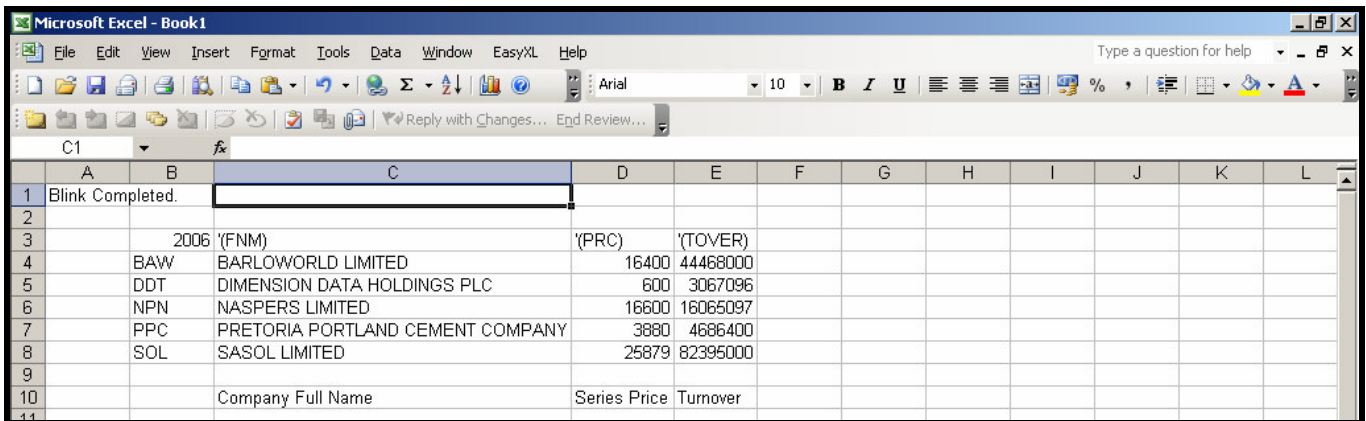
The table above assumes that the keywords (FNM), (PRC) and (TOVER) have already been created using the dialog displayed earlier. Please note that when using data item keywords they must be entered exactly as they were created in the Blink Data Item Codes, (including brackets).

The row headings show the various companies that we want to extract these items for as well as the year for which the data must be retrieved.

This then completes the table of data that we want to create. All that remains is to enter the Blink statement that will fill the table with data:

=BLINK|'@:SHEET1:B3'!TAB

The middle part of the formula tells the system where the top left corner of the table begins. Remember that EXCEL does not allow cell references to be part of a DDE statement and therefore must be entered enclosed in single quotes. The end part, 'TAB', simply tells Blink that a table needs to be filled out and so it must search for all applicable row and column headings. The result will be as seen in the following picture.

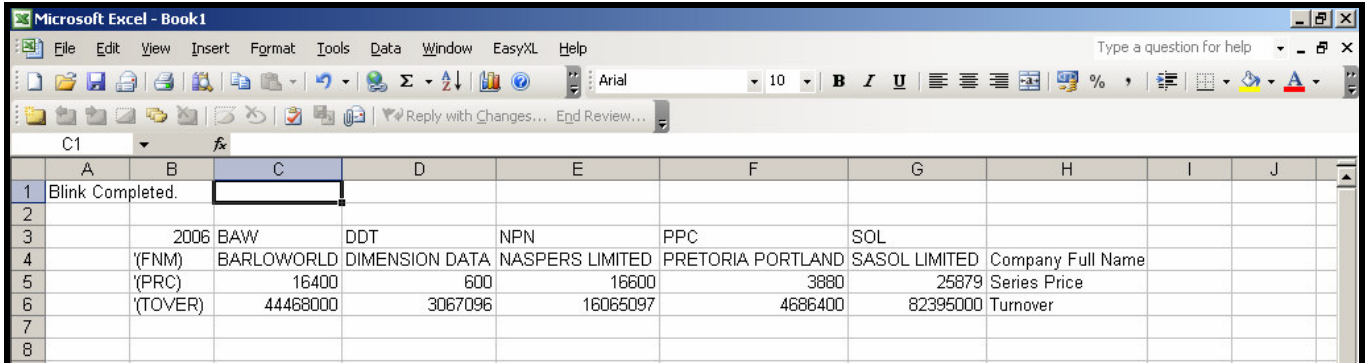


	A	B	C	D	E	F	G	H	I	J	K	L
1	Blink Completed.											
2												
3		2006 (FNM)	(PRC)	(TOVER)								
4		BAW	BARLOWORLD LIMITED	16400	44468000							
5		DDT	DIMENSION DATA HOLDINGS PLC	600	3067096							
6		NPN	NASPERS LIMITED	16600	16065097							
7		PPC	PRETORIA PORTLAND CEMENT COMPANY	3880	4686400							
8		SOL	SASOL LIMITED	25879	82395000							
9												
10			Company Full Name	Series Price	Turnover							
11												

The Table Blink is very powerful and it allows you to extract, for practical purposes, an unlimited number of items for an unlimited number of companies using [a single DDE formula](#).

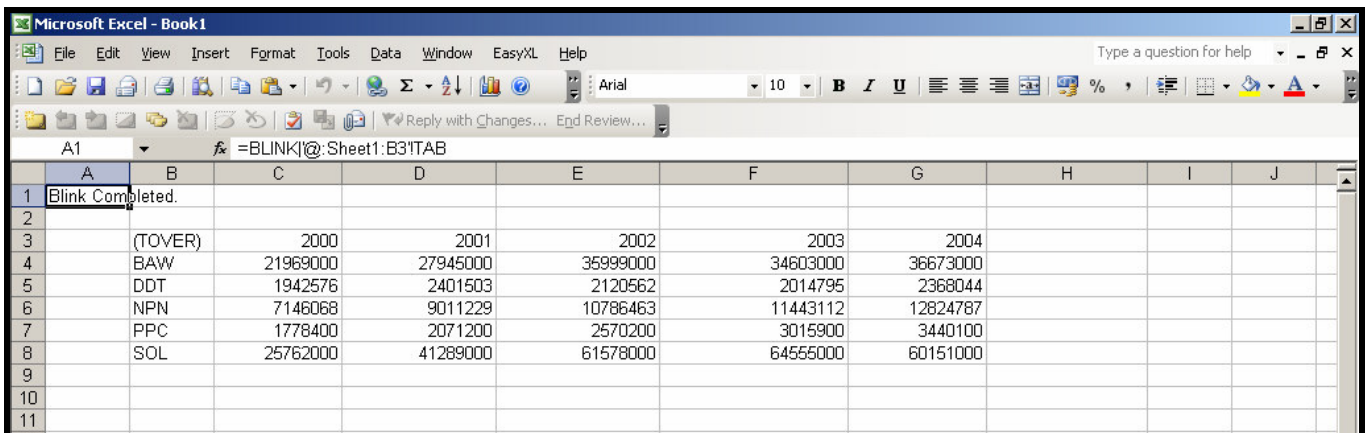
The table will update whenever you open the spreadsheet and any new data in the database will be automatically reflected in the table.

Another powerful feature of the Table Blink is that [the rows and columns are interchangeable](#). For example:



	A	B	C	D	E	F	G	H	I	J
1	Blink Completed.									
2										
3		2006	BAW	DDT	NPN	PPC	SOL			
4		(FNM)	BARLOWORLD	DIMENSION DATA	NASPERS LIMITED	PRETORIA PORTLAND	SASOL LIMITED	Company Full Name		
5		(PRC)	16400	600	16600	3880	25879	Series Price		
6		(TOVER)	44468000	3067096	16065097	4686400	82395000	Turnover		
7										
8										

And, finally, you can vary the position of the year as well. For example:



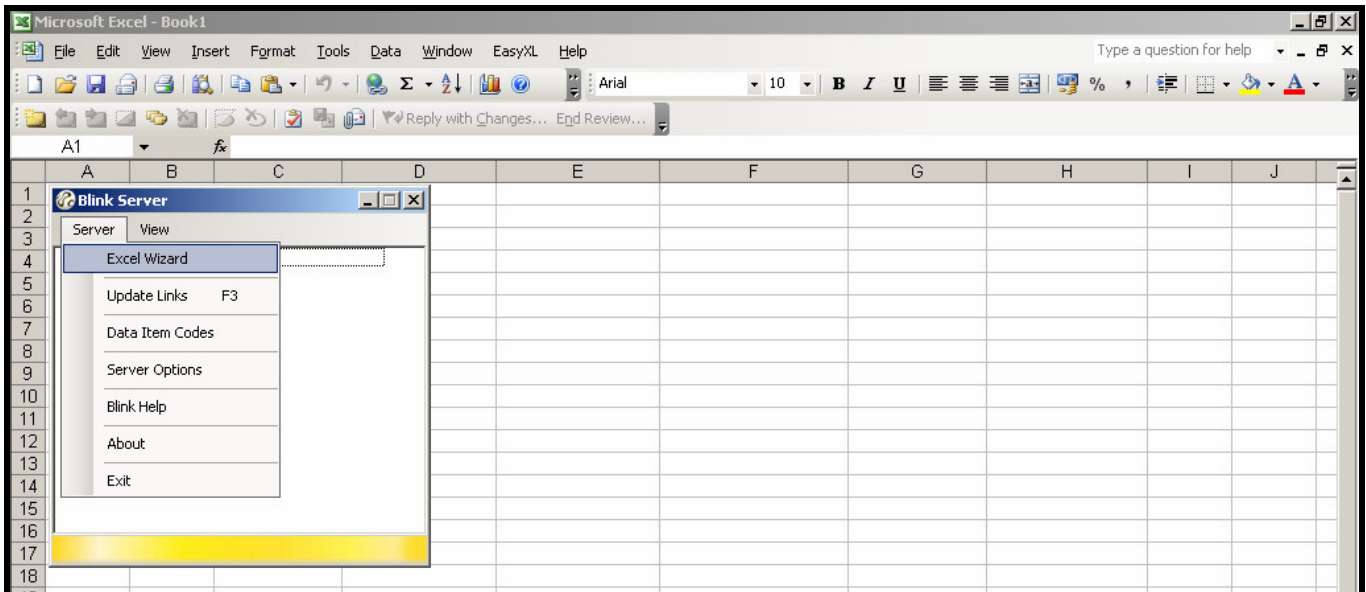
	A	B	C	D	E	F	G	H	I	J
1	Blink Completed.									
2										
3		(TOVER)	2000	2001	2002	2003	2004			
4		BAW	21969000	27945000	35999000	34603000	36673000			
5		DDT	1942576	2401503	2120562	2014795	2368044			
6		NPN	7146068	9011229	10786463	11443112	12824787			
7		PPC	1778400	2071200	2570200	3015900	3440100			
8		SOL	25762000	41289000	61578000	64555000	60151000			
9										
10										
11										

Using the Blink Excel Wizard

In the last few examples above you have been shown how to create single Blinks and table Blinks by manually typing in the Blink syntax or formula.

You are able to extract the exact same data by using the Excel Wizard.

The Excel Wizard is an option under the Blink “**Server**” menu option.

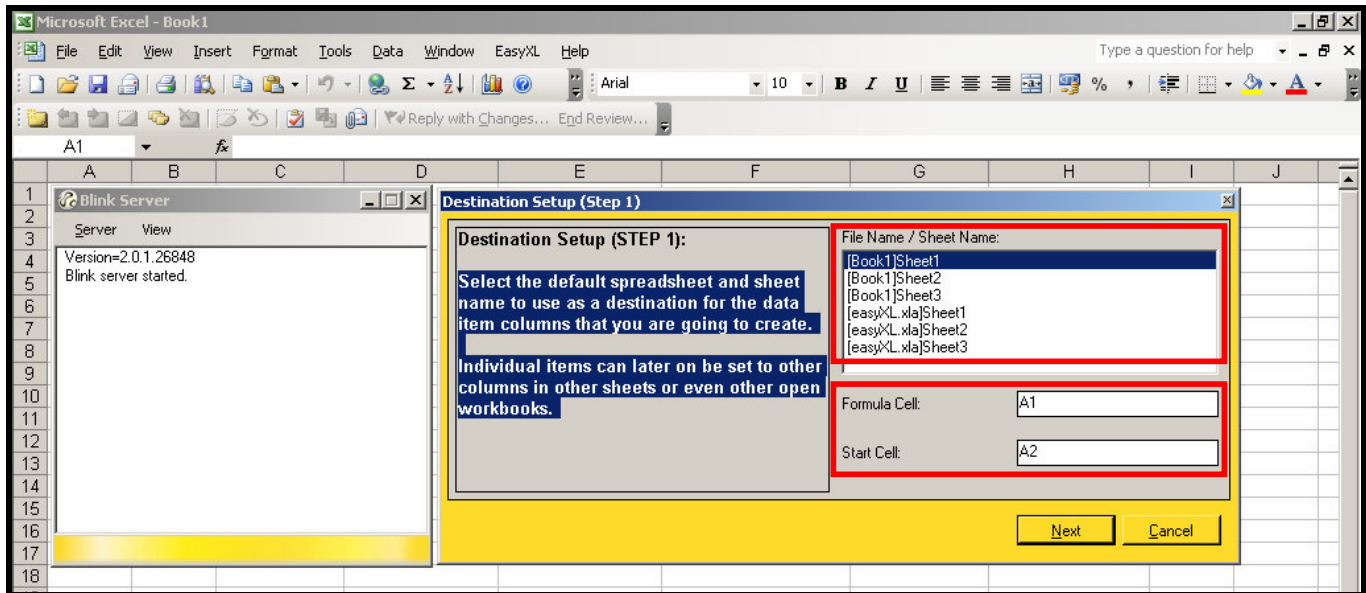


You will need to follow a few simple steps in order to extract the data that you require, lets go through this functionality step by step.

Excel Wizard Step 1

Select the default spreadsheet and sheet name to use as a destination for the data item columns that you are going to create.

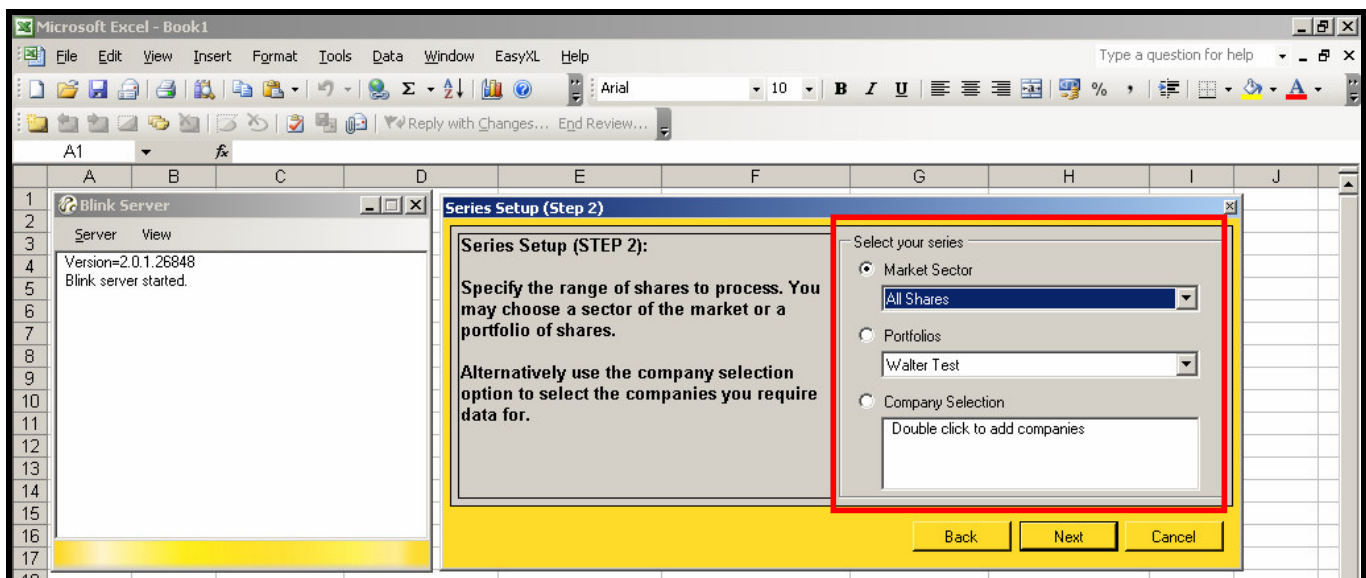
Individual items can later on be set to other columns in other sheets or even other open workbooks.



Excel Wizard Step 2

Specify the range of shares to process. You may choose a sector of the market or a portfolio of shares.

Alternatively use the company selection option to select the companies you require data for.

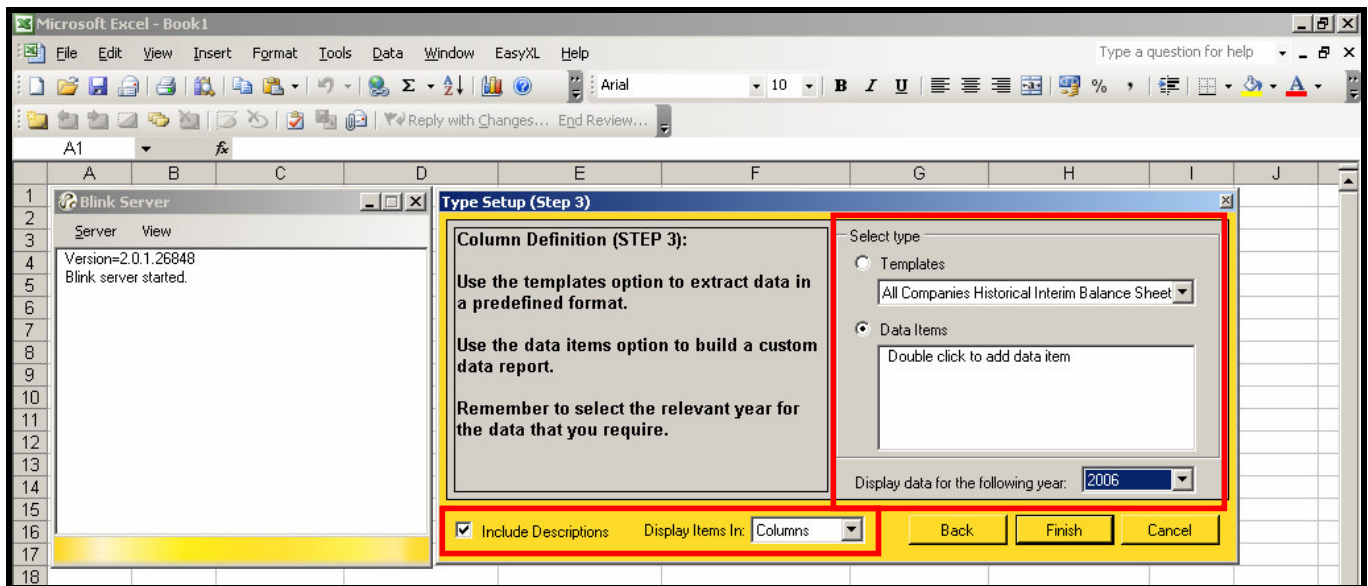


Excel Wizard Step 3

Use the **templates** option to extract the data in a predefined format.

Use the **data items** option to build a custom data report.

Remember to select the relevant **year** for the data that you require.



Please note that you have the option to **include descriptions** of the data items that you will be extracting and you also have the option to **display items** in either columns or rows.



Once you have followed all the steps and have made the decision of exactly what data it is that you want to extract the Blink Wizard will do the extraction.

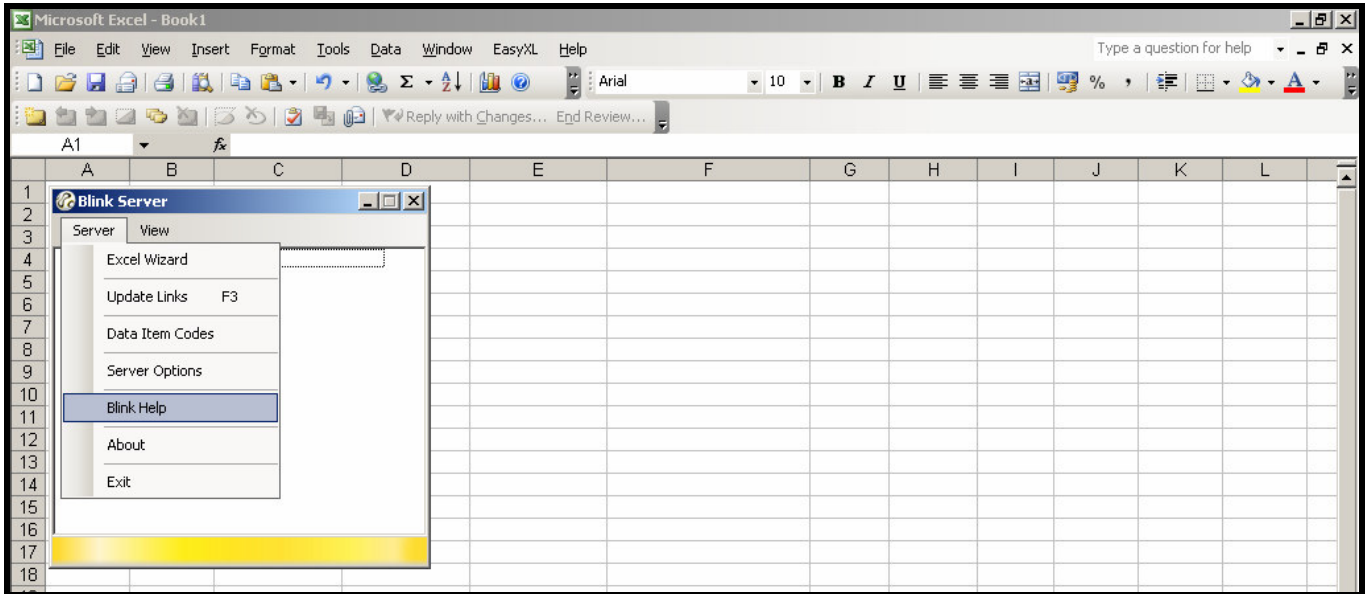
In the example below I have selected to extract the following data items for the gold mining sector:

- Company Short Name
- Industry
- Daily Close Price
- Latest Market Cap
- Daily Earnings Yield
- Daily PE
- Daily Dividend Yield

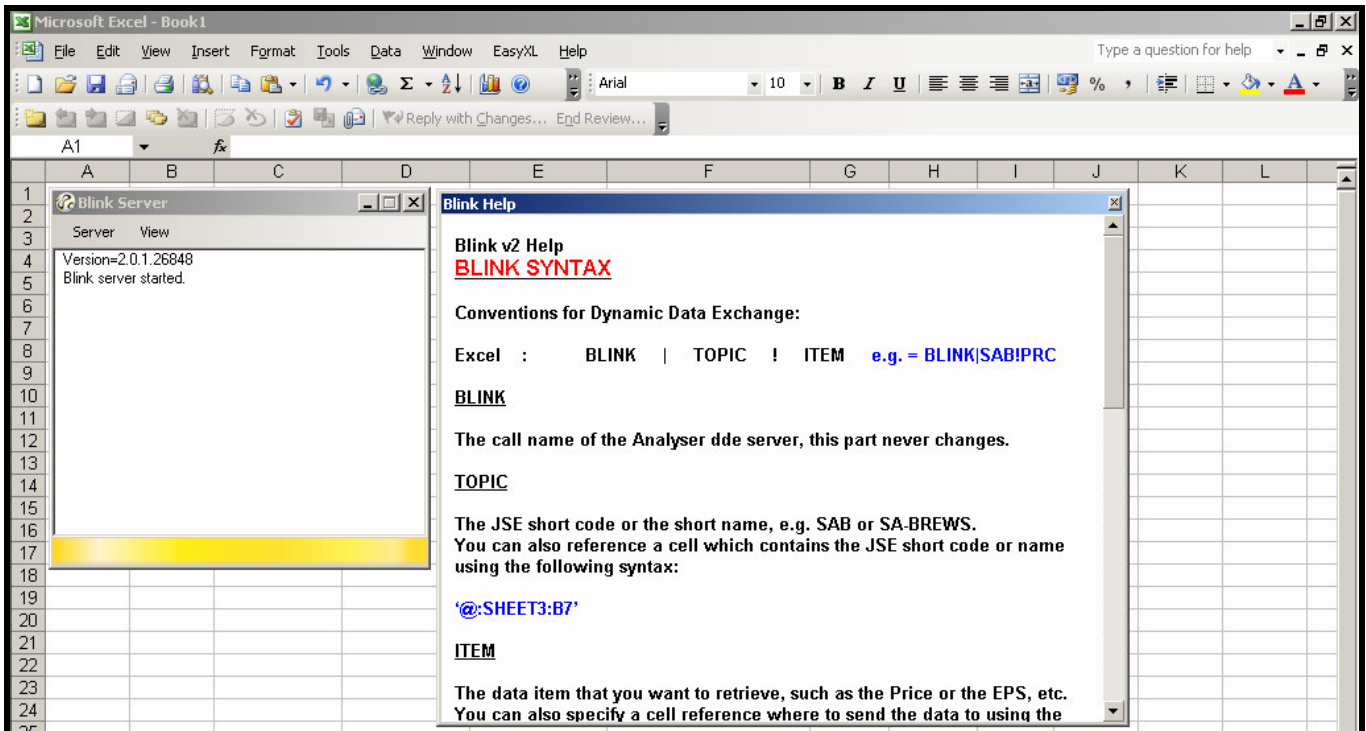
	A	B	C	D	E	F	G	H	I	J	K	L
1	Blink Completed.											
2												
3		2006	{SNM}	{MRK}	{CLO}	{CAP}	{DEY}	{DPE}	{DDY}			
4	AEA	AFEAGLE	Basic Materials		0	0	0	0	0			
5	AFL	AFLEASE	Basic Materials		0	0	0	0	0			
6	AFO	AFGOLD	Basic Materials		307	1454841072	-0.785	-127.3858	0			
7	ANG	ANGGOLD	Basic Materials		32999	91155168128	-2.0758	-48.1737	0.8242			
8	DRD	DRDGOLD	Basic Materials		642	2149667858	-20.3426	-4.9157	0			
9	ERA	E R P M	Basic Materials		0	0	0	0	0			
10	GBG	GB GOLD	Basic Materials		1245	1402681901	0	0	0			
11	GFI	GFIELDS	Basic Materials		13275	73351121089	1.9058	52.4703	1.1299			
12	GFS	GFSA	Basic Materials		0	0	0	0	0			
13	HAL	HALOGEN	Basic Materials		1055	19665474	-4.4914	-22.2646	0			
14	HAR	HARMONY	Basic Materials		11120	44333048644	-0.9982	-100.1801	0			
15	JCG	JCI GOLD	Basic Materials		0	0	0	0	0			
16	NWT	NEW WITS	Basic Materials		0	0	0	0	0			
17	PAN	PAN AFRICAN	Basic Materials		0	0	0	0	0			
18	PZG	PZGOLD	Basic Materials		1900	779380000	0	0	0			
19	SIM	SIMMERS	Basic Materials		494	4964633976	-4.0971	-24.4071	0			
20	VIL	VILLAGE	Basic Materials		124	7524873	-3.8709	-25.8333	0			
21	WGR	WITS GOLD	Basic Materials		7500	1920982950	0.7986	125.2086	0			
22												
23		Company Short	Industry		Daily Close Price	Latest Market Cap R'000	Daily EY	Daily PE	Daily DY			
24												

Blink Help

If you need any further assistance when using Blink, there is also a **Blink Help** option that you will find under the “**Server**” menu.



The Blink Help will assist you with understanding the Blink Syntax/Formula and Data Items. There are also some examples for reference.





McGREGOR BFA HELPDESK AND CONTACT INFORMATION

McGregor BFA Helpdesk

08h00 – 17h00	Tamara Sabani	011 217 3077
08h00 – 17h00	Kholofelo Mabolabola	011 217 3078

Contact Information

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Sandy Kerkhove	Assistant General Manager: Sales	011 322 0988
Riaan Van Niekerk	Chief Information Officer	011 263 4700
Glenn Orford	Manager: Products	011 217 3040

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Wilnadene Adolph	Customer Relationship Consultant	011 217 3036
Lorna van Nus	Customer Relationship Consultant	011 217 3041
Bontle Nkgau	Customer Relationship Consultant	011 217 3042

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