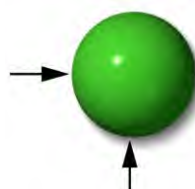


# CA Logger

## User manual – draft

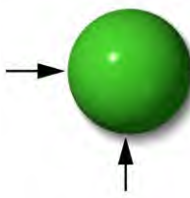
Ver. 1.01



**CONTROL APPLICATIONS Ltd.**

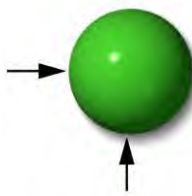
**Supervision & control system**

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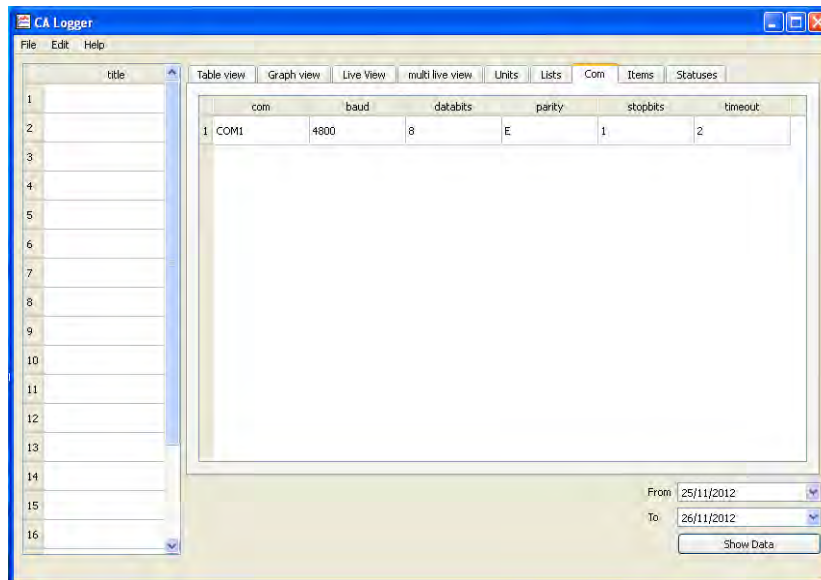


## 1. Installation CA Logge

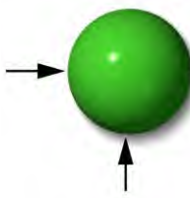
- 1.1 Run the CA Logger installation file.
- 1.2 Click "Next" each time you will require to do so.

## 2. Setting up the RS485 communication via CA Logger:

- 2.1 Click on the "Com" tab, the RS485 setup window appears.



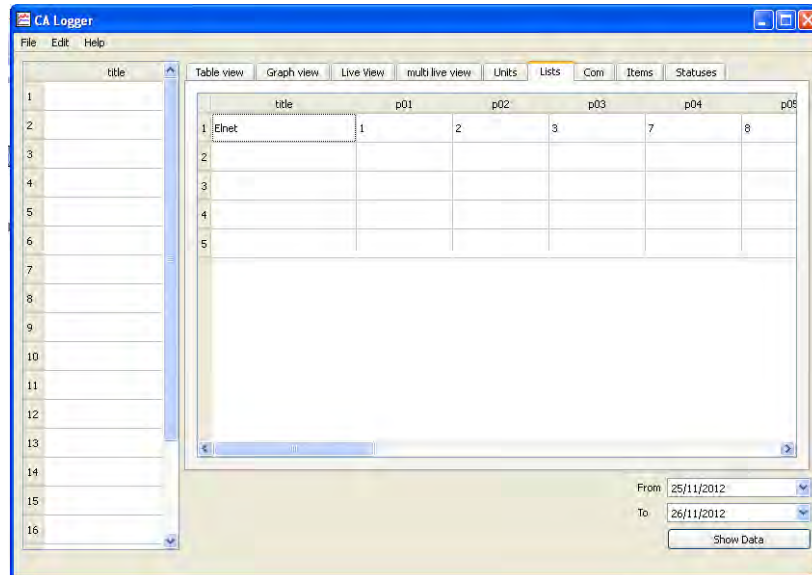
- 2.2 Define the PC com number under the "com" column.
- 2.3 Define the baud rate, number of data bits, parity type and number of stop bit of the Elnet device.



### 3. Setting up the Points list:

In order to create or change point list for units

3.1 Click on the "Lists" tab, the point list setup window appears.

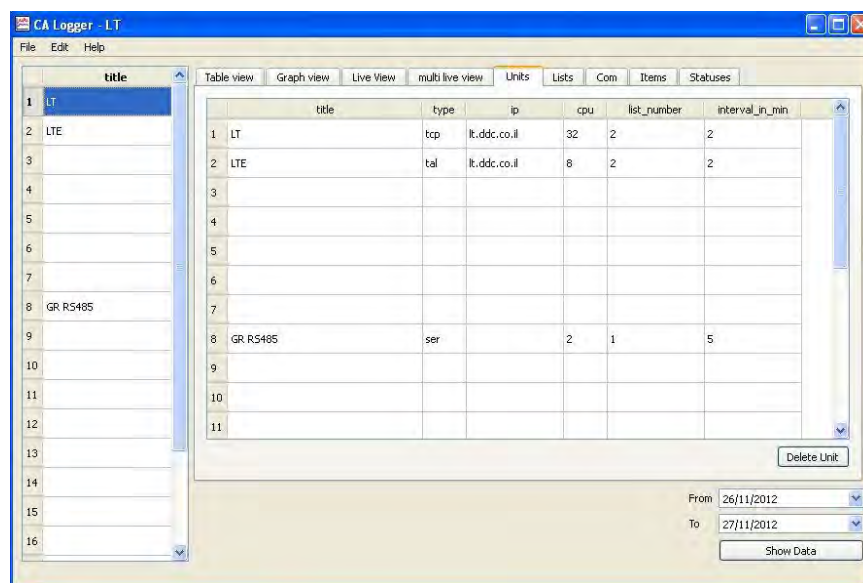


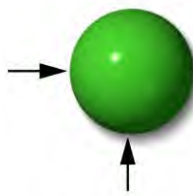
3.2 Enter title at one from the five point list.

3.3 Define the items number of the points that you want to store, up to 20 different points.

### 4. Setting up the Units:

4.1 Click on the "Unit" tab, the unit setup window appears.





- 4.2 Define title for the unit you want to add.
- 4.3 Define the unit communication type TCP, Serial (RS485) or Tal (TCP gateway).  
If the unit is connected via TCP port define the IP number in the relevant column.
- 4.4 Define the unit address at the "CPU" column.
- 4.5 Define which points list this unit has to store, enter the number of the list that define at the List tab.
- 4.6 Define the sampling rate in minutes for the device in the "interval\_in\_min" column.

## 5. Save settings changes:

After set all the definition items it must to save them. In order to save the changes go to "Edit" at toolbar and click on the "Save settings", other way is by clicking on "Ctrl" + "S".

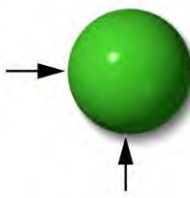
## 6. Communication check:

In order to check the communication between the units to the PC click on the "Statuses" tab, the statuses screen appears.

Title	Fails	Request Time	Answer Time	Connection
1 LT	0	26/11/2012 10:06:56	just now	tcp://lt.ddc.co.il:32/
2 LTE new	0	26/11/2012 10:06:57	just now	tal://lt.ddc.co.il:8/
3 LTE old	0	26/11/2012 10:06:58	just now	tal://lt.ddc.co.il:9/
4 GR RS485	0	26/11/2012 10:06:54	just now	ser://COM4,4800,E,8,1:2/
5				
6				
7				
8				
9				
10				
11				
12				

From: 26/11/2012  
To: 27/11/2012  
Show Data

- \* Green color means that there is a communication between the unit and the PC.
- \* Red color means that there is no communication between the unit and the PC.



## 7. View data:

### 7.1 Standard data view screen.

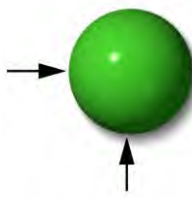
7.1.1 Click on the "Table view", the data screen appear.

	Time	Voltage Line 1	Voltage Line 2	Voltage Line 3	Current in Line 1	ve
1	2012-11-26 08:56:00	227.471V	228.652V	228.465V	21.129Amp	105
2	2012-11-26 08:54:00	227.914V	228.729V	228.521V	19.537Amp	105
3	2012-11-26 08:52:00	227.650V	228.982V	228.760V	19.322Amp	105
4	2012-11-26 08:50:00	227.965V	229.198V	228.926V	19.949Amp	105
5	2012-11-26 08:48:00	227.558V	228.989V	228.767V	24.366Amp	105
6	2012-11-26 08:46:00	227.659V	228.774V	228.966V	19.452Amp	105
7	2012-11-26 08:44:00	227.713V	229.007V	229.172V	19.424Amp	105
8	2012-11-26 08:42:00	227.941V	229.178V	229.387V	23.455Amp	105
9	2012-11-26 08:40:00	227.959V	229.219V	229.249V	23.930Amp	105
10	2012-11-26 08:38:00	228.435V	229.613V	229.628V	23.505Amp	105
11	2012-11-26 08:36:00	228.265V	229.739V	229.734V	22.769Amp	105

7.1.2 At the left under the "title" column click on the unit title that you want to display.

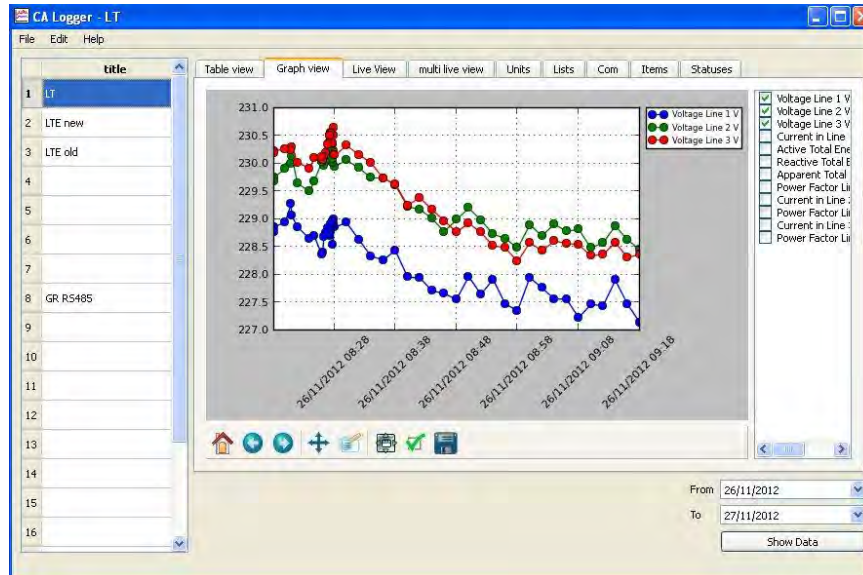
7.1.3 At the right bottom side define the period time, at the "From" enter the first date and at the "To" enter the date of the next day from the one that you want to display.

7.1.4 Click on "Show Data" button.



## 7.2 Graph view screen.

7.2.1 Click on the “Graph view”, the graph screen appear.



7.2.2 At the left under the “title” column click on the unit title that you want to display.

7.2.3 At the right side select the parameters that will displayed in the graph.

7.2.4 At the right bottom side define the period time, at the “From” enter the first date that appear and at the “To” enter the date of the next day from the one that you want to display.

7.2.5 Click on “Show Data” button.

## 7.3 Real time view.

7.3.1 In order to display specific unit in real time mode, select the unit title from the left column by clicking on his line and click on the “Live View” tab.

7.3.2 In order to display the same units group (unit with the same list number) in real time mode, select the unit title from the left column by clicking on his line and click on the “Multi Live View” tab.