

# **CA Logger**

# User manual – draft

Ver. 1.01





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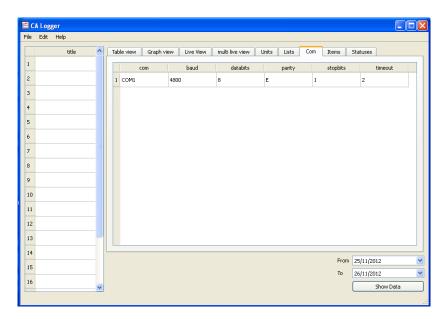
CONTROL APPLICATIONS Ltd.
Supervision & control system
Tel: +972-3-6474998 Fax: +972-3-6474598 24a Habarzel St. Tel-Aviv, 69710, Israel

# 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.

	title	Tab	le view	Graph view	Live \	/iew multi l	ive view Unit	s Lists	Com	Items	Statuses		
				title		p01	p02		p03		p04		pC
		1	Elnet		1		2	3		7		8	
		2	š										
		3											
		4											
		5											
-													
0													
0													
0		<											>
0 1 2 3		<		III									>
1 2 2 4 4 5 5		<	][	111						From	25/11/2012 26/11/2012		>

- 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.

title	Table	view	Graph view	Live View	multi live	view	Units	Lists	Com	Items	Status	es	
Ц			title		type	ļ	ip	ct	u	list_number	r i	nterval_in_min	
LTE	1	LT			tcp	lt.dd	c.co.il	32	2		2		
	2	LTE			tal	lt.dd	c.co.il	8	2		2		
	з												
	4												
	5												
	6					-							
GR R5485	7										1		
	8	GR RS4	85		ser			2	1		5		
D	9										-		
1	10					-							-
2	11					1		C.			1		
3											-	De	elete Unit
4									_				
5												26/11/2012	
6											То	27/11/2012	

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- 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 init 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	Tabl	e view	Graph view	Live View	m	ulti live view	Units	Lists	Com	Items	Statuses		
1	LT		1	Title	B	ails	Reque	est Time		An	wer Time		Connection	^
2	LTE new	1	LT		0		26/11/2012 10	0:06:56	3	ust now		tcp://lt.	ddc.co.il:32/	
3	LTE old	2	LTE nev	v	0		26/11/2012 10	0:06:57	j.	ust now		tal://lt.c	ldc.co.il:8/	
ŧ		з	LTE old		0		26/11/2012 10	0:06:58	1	ust now		tal://lt.o	ldc.co.il:9/	
5		4	GR R54	85	0		26/11/2012 10	0:06:54	j	ust now		ser://CO	OM4,4800,E,8,1:2/	THE REAL
5		5												
7		6												
8	GR R5485	7												1
,		8												
10		9												
11		10												
12		11												
13		12												~
14													[	
15												From	26/11/2012	
16	v											10	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.

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#### 7. View data:

#### 7.1Standard data view screen.

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

title	A Table	e view	Graph view	Live View	multi live view	Unit	s Lists	Con	n Items	Statu	ises	
LT		1	Time		Voltage Line	1	Voltage Li	ne 2	Voltage Lin	e 3	Current in Line 1	ve 🔺
LTE new	1	2012-11-26 08:56:00		:00 227.471V		4	228.652V		228.485V		21.129Amp	105
LTE old	2	2 2012-11-26 08:54:00			227.914V		228.729V		228.521V		19.537Amp	105
	3	2012-1	1-26 08:52:00		227.650V	2	228.982V 2		228.760V		19.322Amp	105
	4	2012-1	1-26 08:50:00		227.965V	1	229.198V		228.926V		19.949Amp	105
	5	2012-1	1-26 08:48:00		227.558V	2	228.989V		228.767V		24.366Amp	105
	6	2012-11-26 08:46:00			227.659V		228.774V		228.966V		19.452Amp	105
GR R5485	7	2012-1	1-26 08:44:00		227.713V	1	229.007V		229.172V		19.424Amp	105
	8	2012-1	1-26 08:42:00		227.941V	1	229.178V		229.387V		23.455Amp	105
o	9	2012-1	1-26 08:40:00		227.959V	2	229.219V		229.249V		23.930Amp	105
1	10	2012-1	1-26 08:38:00		228.435V	2	229.613V		229.628V		23.505Amp	105
2	11	2012-1	1-26 08:36:00		228.265V	1	229.739V		229.734V		22.769Amp	105
3					-	l	l l					>
4						10 <sup>-</sup>				F	-	
5										To	26/11/2012	

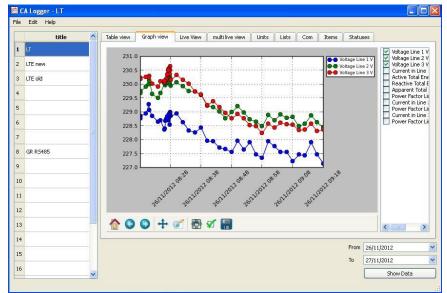
- 7.1.2 At the left under the "title" column click on the unit title that you want to display.
- 7.1.3 At the right bottom side define the period time, at the "From" enter the first date and at the "To" enter the date of the next day from the one that you want to display.
- 7.1.4 Click on "Show Data" button.

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#### 7.2Graph 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.

#### 7.3Real 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.