ARC-10 Configurator

User Guide





ARC-10 Configurator

ARC-10 GSM Controller Management Software Windows 8, XP, 2000 User Guide

Version 1.3, 3/2014

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1. Introduction

*
<u>_</u>
Version:1.1 @ 2014, Infinite Inform
ersion Comments
1.1
ENTER
put configuration
Enable D01 System Mode
Enabled
Unable
Enable Output Control via SMS
Disabled
Disable
Set D01 Pulse Duration 2
Set D02 Pulse Duration 2
Output control
oupu contor
2 - Reset D02
1 Reset D01
Diagnostics
Read I/O
d1/0 Configuration
d

ARC-10 Configurator is a Windows application dedicated to the ARC-10 GSM Controller. The application supports:

- Convenient device parameter configuration and testing of the GSM Controller through the serial port
- Synchronized management of up to 500 Call users, between the ARC-10 device and the internal data base, with file import capability.

2. Installation & Setup

2.1 Installation

Open the Installation CD and run the **ARC-10 Config.exe** installation file. An ARC-10 Config folder is created on your root directory after the installation completion.



Do not put the folder on the desktop!

Select the file '**ARC-10 Config.exe'** file and make a shortcut for it. Put the shortcut on your desktop. This is the executable file for the ARC-10 Config application.

2.2 Setup

2.2.1 Creating a new data file

The data file selection form appears after launching the WA Manager application for the first time. Browse and open the '**ARC-10 Config**' folder.

Open which d	latafile		<u>? ×</u>
Look in: 🔁	ARC-10 Config	🔹 🗕 💽	📸 -
BURSR			
🚞 Win4DX			
File name:			Open
Files of type:	Data files	-	Quit
	,		
			1
			New

Click on the '**New**' button to create a new database file. Save the data file with the default naming by pressing the '**Save**' button.

Create a data	ı file		<u>?</u> ×
Save in: 🚞	ARC-10 Config	E	📸 🎹 -
BURSR			
🗎 Win4DX			
File name:	ARC-10 Config.4DD		Save
Save as type:	Data files	•	Cancel
			Split

The application screen appears after a few seconds.

	Pa	age Tab				
ARC-10 Config File Edit Help	/					<u>X</u>
	ARC-10 Configurator			A		
				.		
	Call Users Control users			Records in Lis	t: 0	
	ID User Name	Phone Number	Date Time	Comments		
	•					
🥂 Start 🛛 🍙 😰 🥥 🗒 😢	* ••• ••• ••	😸 Inbox - Outloo 📃 Search Resu	lts 🛛 🥹 Arealist 4D plu	. 🛛 📴 Adobe Photos 🛛 🧶 A	RC-10 Config 🔡 🖪 🎎 🔊 🔍 🞙	🏂 💁 💽 🚳 🔎 8:32 µµ

The ARC-10 configuration form consists of two pages:

- 1. The User Management page.
- 2. The Device Configuration page.

3. Device Configuration

Click on the Page Tab to go to the Device Configuration page.



3.1 Serial port Settings

You have to set the serial communication parameters at first:

1. Double click in the 'Serial port' field and enter the port number.



If you have changed the default password of the unit, you have to enter the actual password in the '**Password**' field.

Select the serial Baud Rate. The factory default rate of the device is 115200 bps.

	Connect button
ARC-10 Configurator	
Users Device Configuration	1,200 2,400 4,800 9,600 19,200 Version:1.1 © 2014, Infinite Informatics Ltd.
A/A Name Serial Port Baud Rate 3 ARC-10 1 115.200 (38,400 Device Version Comments 57,600 1.1 1.1
Terminal command	ENTER

Connect the ARC-10 GSM Controller to the selected serial port and power up the unit. Click on the '**Connect**' button. The button changes color and the Device Monitor area displays the current status (Online).

	Dev	ice Monitor are	a			
ARC-10 Configurator						
C	Device found and connect Status: Online	ed!				
Users Device Configuration					Version:1.1 © 2014, Infinite In	nformatics Ltd.
A/A Name	Serial Port Ba	aud Rate Password	Device Version	Comments		
3 ARC-10	1	115,200 💌 12	34 1.1			
Terminal comman	1		E	NTER		

If the connection with the device fails, you get the following alert:



3.2 Setting the operational parameters

All commands to the ARC-10 device can be passed only during 'Online' mode. If you click on a configuration button during "Offline' mode, you will get the following alert:



3.2.1 Setting the Unit Password

You can select a new password for the ARC-10 device. The password is used for passing commands to the unit via the serial port or SMS.

	Pas	SWO	rd ent	ry fie	ld						
_											
	ARC-10 Con	figurat	or								
				Device Status:	found and conr Online	nected!			•		
	Users Device I	Configur	ation							Version:1.1 © 2014, Infinite I	nformatics Ltd.
		A/A	Name		Serial Port	Baud Rate	Password	Device Version	Comments		
			3 ARC-10		1	115,200 💌	1234	1.1			
		Termin	al comman	d 🗌				EN	ITER		
		Gene	ral settir	gs	Click to s	et S	ignal Quality	Click to	o set	Output configuration	
		<u> AF</u>	9214		Unit Nar Passwo			Ena Disa		DO1 System Mode —— Enabled	

Enter the desired password in the entry field and click on the '**Set Password**' button. The new password is uploaded to the unit:

ARC-10 Co	nfigurator							
Users Device	Comm Devic	and: PWD:9214, e response: COM	: 'Change the A MAND PROCESSE	RC-10 Passwo ED OK	rd	•	Version:1.1 © 2014, Infinite	Informatics Ltd.
	A/A Name	Serial Port	Baud Rate	Password	Device Version	Comments		
	3 ARC-10	1	115,200 💌	9214	1.1			
	Terminal command				EN	ITER		
	General settings ARC-10 9214	Click to s Unit Na Passwo		ignal Quality	Click to	o set	Output configuration DO1 System Mode —— Enabled	

The Device Monitor area displays the action.

3.2.2 Setting the Unit Name

You can select a new name for the ARC-10 device. The unit name is used for identification purposes in SMS announcements. Enter the desired unit name in the appropriate field and click on the '**Unit Name**' button:

ARC-10 Con	figurato	or							_ 🗆 ×
	Command: DN:My ARC-10; 'Change the Unit Name Device response: COMMAND PROCESSED OK								
Users Device	Configura	ation						Version:1.1 © 2014, Infinite	e Informatics Ltd.
	A/A	Name	Serial Port	Baud Rate	Password	Device Version	Comments		
	3	My ARC-10	1	115,200 💌	9214	1.1			
	Terminal command ENTER								
	Gener	al settings	Click to s	et S	ignal Quality	Click to	o set	Output configuration	
	Му	ARC-10	Unit Nar			Ena		D01 System Mode	

The new password is uploaded to the unit.

3.2.3 General settings

You can set the following parameters by clicking on the respective buttons:



- Unit name
- Password
- Factory default parameters
- Enable/Disable Response SMS

See the ARC-10 User Guide for detailed information on the configuration commands.

3.2.4 ARC-10 outputs configuration

You can set the following parameters by clicking on the respective buttons:



- Enable/Disable DO1 System Mode (Activate Output 1 on Call).
- Enable/Disable DO control via SMS (Only for Control users).
- Set the active state pulse duration of DO1, DO2 in seconds.

See the ARC-10 User Guide for detailed information on the configuration commands.

3.2.5 ARC-10 inputs configuration

You can set the following parameters by clicking on the respective buttons:



- Select the active alarm transition for the digital inputs between positive (0→1) and negative transition (Dix Alarm mode buttons).
- Set the alarm delay in seconds for each input (DIx Alarm delay buttons).
- Select the Alarm Message, used in SMS, for each input (DIx Message buttons).

3.2.6 ARC-10 output control

You can set or reset the device outputs (DO1, DO2) by clicking on the respective buttons:



3.2.7 Diagnostic commands

You can inspect the current device settings by clicking on the respective diagnostic buttons:



Device status (Status button)

Typical response is:

ARC-10,V1.1.0 UNIT: My ARC-10 USER DO CONTROL: ENABLED RESPONSE SMS: ENABLED DO1 SYSTEM MODE: ENABLED	
	_

Device I/O states (Read I/O button)

Typical response is:

UNIT: My ARC-10	<u> </u>
I1=OFF	_
12=0FF	
02=0FF	
	-

Device I/O parameters (Read I/O configuration)

Typical response is:

DI ALARM MODES: POS, NEG DELAYS: 3.5.550	<u>^</u>
ALARM MESSAGES: DI ALARM 1, DI ALARM 2	
DO PULSE DURATIONS: 2, 5 SEC DO1 SYSTEM MODE: ENABLED	
	-

4. User Management

The ARC-10 device supports two kinds of users:

Control users (up to 10): They can interact with the unit via SMS, change parameter settings, control the device outputs and receive alarm SMS.

Call users (Up to 500): They can switch DO1 via a toll free call to unit.

ARC-10 Configurator supports a synchronized management, between an ARC-10 device and the internal user data base, for both groups.

🚍 ARC-10 Confic urator _ 🗆 × Device found and connected! Status: Online • Users Device D Version:1.1 © 2014, Infinite Informatics Ltd. nfiguration Call Users
 O Control users Records in List: 0 User Name ID Date Phone Number Time Comments Q Search Add Delete Edit

User group selection (radio buttons)

Available management functions are:

- Search a user in the respective user list (Search button).
- Add a user to the device and the respective user list (Add button).
- Delete a user from the device and the respective user list (Delete button).
- Edit an existing user in the device and in the respective user list (Edit button).

4.1 Control users

Click on the 'Control users' radio button to select the Control users group.

4.1.1 Add a Control user

You must enter the 'Online mode' to perform the action! Click on the '**ADD**' button. The entry form opens:

ARC-10 Configurator			×
Device fou Status: Onli	id and connected! ne		٩
Users Device Configuration	庄 Create Control User & Alarm Recipient	×	'ersion:1.1 © 2014, Infinite Informatics Ltd.
Call Users Control users	User Name Peter K		Records in List: 0
ID User Name	Phone +306977544322		
	Cancel OK		

Enter the control user Name and Phone number. Both fields are mandatory:

	ARC-10 Configura	ator							
	C		Command: UN:+30697754432 Device response: COMMAND	2 'Add Control use PROCESSED OK	r: Peter K				0
Us	ers Device Config	guration					Vers	sion:1.1 © 2014, Infinite I	nformatics Ltd.
	🔾 Call Users 🌘	Control users	8					Records in List: 1	
	D User I	Name		Phone Number	Date	Time	Comments		
	1 Peter K	<		+306977544322	16/03/14	14:18	Administrator	*	

The Date/Time fields mark the time of the transaction.

The control user is uploaded to the device and inserted in the Control Users list. You can add additional 9 users to the device and the user list on the same way.

4.1.2 Delete a Control user

You must enter the 'Online mode' to perform the action!

ARC-10 Co	onfigurator							
C.	9	Device found and connected! Status: Online						0
Users Devic	e Configuration					Versi	on:1.1 © 2014, Infinite	nformatics Ltd.
🔘 Call U:	sers 💿 Control user	\$					Records in List: 2	
ID	User Name		Phone Number	Date	Time	Comments		
2	Hannes W		+306976455099	16/03/14	20:00		*	
1	Peter K		+306977544322	16/03/14	19:58	Administrator		

Select the user by clicking on the respective row and click on the 'DEL' button. A confirmation dialog box opens:

Confirm		
	Remove User: Hannes W?	
		Cancel OK

Click 'OK' to confirm:

ARC-10 Configurator							_ 🗆 ×
Users Device Configuration	Command: UD:+30697645509 Device response: COMMAND	9 'Delete Call User: PROCESSED OK	Hannes W		Version	γ.1.1 © 2014, Infinite I	Informatics Ltd.
Call Users Control user	8					Records in List: 1	
ID User Name		Phone Number	Date	Time	Comments		
1 Peter K		+306977544322	16/03/14	19:58	Administrator	<u> </u>	

The user is removed from the device memory and the internal Control user list.

4.2 Call users

Click on the 'Call users' radio button to select the Call users group.

4.2.1 Add a Call user

You must enter the 'Online mode' to perform the action! Click on the 'ADD' button. The entry form opens:

📕 ARC-10 Configurator			<u>_0×</u>
De Sta	vice found and connected! stus: Online	×	U
	🚊 Create Call User	×	Version 1.1 © 2014 Infinite Informatics I.td
Call Users O Control users	User Name George S	Ē	Records in List: 0
ID User Name	Phone +306976002399 Comments		
	Cancel OK		

Enter the control user Name and Phone number. Both fields are mandatory:

j,	ARC-10 C	onfigurator							_ 🗆 ×
	6	2	Command: CUN:+3069760023 Device response: COMMAND	199 'Add Call user: I PROCESSED OK	George S				0
Π	Jsers Devi	ice Configuration					V	ersion:1.1 © 2014, Infinite I	nformatics Ltd.
	€ Call L	Jsers 🔾 Control use	rs					Records in List: 1	
	ID	User Name		Phone Number	Date	Time	Comments		
	1	George S		+306976002399	16/03/14	14:26		<u> </u>	

The control user is uploaded to the device and inserted in the Call Users list. You can add up to 500 call users to the device and the Call user list in the same way.

4.2.2 Delete a Call user

You must enter the 'Online mode' to perform the action!

ARC-10 Co	onfigurator							
Users Devic	se Configuration	Device found and connected! Status: Online					Version:1.1 © 2014, Infinite I	nformatics Ltd.
e callo	seis 🔾 Contiorusei	2					Hecolus In List. 33	
ID	User Name		Phone Number	Date	Time	Comments		
28	Alexis T		+306525929666	15/03/14	23:02		<u> </u>	
20	Andreas J		+306888777244	15/03/14	23:02			
11	Anna K		+306789033222	15/03/14	23:02			
21	Brigitte O		+306766666167	15/03/14	23:02			
2	Chris K		+306946466454	15/03/14	23:02			ADD
II . .						1		

Select the user by clicking on the respective row and click on the '**DEL**' button. A confirmation dialog box opens:

Confirm		
	Remove User: Brigitte 0?	
		Cancel OK

Click 'OK' to confirm:

Ŀ	ARC-10 Co	nfigurator							
			Command: CUD:+3067666661 Device response: COMMAND	67 'Delete Call User: PROCESSED OK	Brigitte O		_		
1	0	2					-		V
ſ	Users Devic	e Configuration					V	ersion:1.1 © 2014, Infinite Ir	nformatics Ltd.
	Call Us	sers 🔘 Control user	8					Records in List: 32	
	ID	User Name		Phone Number	Date	Time	Comments		
	28	Alexis T		+306525929666	16/03/14	14:29			
	20	Andreas J		+306888777244	16/03/14	14:29			

The user is removed from the device memory and the internal Call user list.

4.3 Importing Call users from a file

Click on the '**Call users**' radio button to select the Call users group. Now, click on the '**Connect**' button to enter 'Offline' mode.

figurator					
Device connection of Status: Offline	closed!			4	U
Configuration				Version:1.1 © 2	1014, Infinite Informatics Ltd.
ersi O Control users				Records	in List: 0
User Name	Phone Number	Date	Time	Comments	
					· ·

The 'Import' button appears on the bottom right of the form. Applicable file formats for import are:

- Text files (.txt)
- CSV files (.csv)

Click on the 'Import' button. The Call users import wizard opens:

🛄 Call Users Import Wizard	×
Import sequence Selectable Fiel	ds
Field delimiter	
End of row characters RETURN+LINE FEED 👤	
Cancel	ОК

Select a field on the 'Selectable Fields' list on the right and click on the 'Insert Field' button.

🚊 Call Us	sers Import Wiz	ard		×
Import : A/A	sequence Field User Name		Selectable Fields User Name Phone number Comments	
			2	-
Field d End of	elimiter	SEMICOLON	TEED T	
		ĺ	Cancel 0	к

<u> </u>	Call Us	sers Import Wizard	×
	Import s	sequence Selectable Fields	
[A/A	Field User Name	*
	1	User Name Comments	
	2	Phope number	
		Delete Field	
			-
	Field de	delimiter SEMICOLON 🖵	
	Endof		
	Eria ori		
_		Cancel	ОК

The fields order must conform to the corresponding data sequence in the file rows. You can delete the '**Import sequence**' list fields by selecting them and clicking on the '**Delete Field**' button, in order to enter a different sequence.

You can select between following delimiter characters:

🛄 Call V	sers Import W	izard			×
Import	sequence			Selectable Fields	
A/A	Field			User Name Rhono number	
1	User Name		ē	Comments	
2	Phone number		٣		V
Field o	lelimiter i row characters	SEMICO TAB SPACE COMMA			
		2 3410(100)		Cancel	ОК

- For Text files (.txt extension): TAB, SPACE
- For CSV files (.csv extension): COMMA, SEMICOLON

A/A	Field	_ ≡+	User Name Rhana number	4
1	User Name		Comments	-
Field d	elimiter SEMI			
End at	row characters	JRN+LINE F	EED 🚽	

Selectable row termination characters are:

- Carriage Return + Line Feed
- Single Carriage Return

Make the appropriate selections and click 'OK'. The 'Open file' dialog opens, expecting a .CSV file:

Open					<u>? ×</u>
Look in:	Confi	9	•	🗢 🗈 💣 🎟 •	
My Recent Documents Desktop	BURSR Temp Win4DX				
My Documents My Computer					
My Network Places	File name: Files of type:	Callers 1.csv Custom document Open as read-only		•	Open Cancel

Select a .CSV file and click 'Open'.

32 Records imported, 0 Records rejected.	
	ОК

The file content is inserted in the Call user list.

sers De	vice Configuration				Version:1.1 © 2014, Infini
🖲 Ca	IUsers 🔾 Control users				Records in List: 33
ID	User Name	Phone Number	Date	Time	Comments
28	Alexis T	+306525929666	00/00/00	00:00	
20	Andreas J	+306888777244	00/00/00	00:00	
11	Anna K	+306789033222	00/00/00	00:00	
21	Brigitte O	+306766666167	00/00/00	00:00	
2	Chris K	+306946466454	00/00/00	00:00	
16	Claudia L	+306327888999	00/00/00	00:00	
29	Dimitri R	+306972319866	00/00/00	00:00	
32	Edith V	+306811777999	00/00/00	00:00	
27	George A	+306888010211	00/00/00	00:00	
4	George P	+306977455233	00/00/00	00:00	
9	George W	+306877566444	00/00/00	00:00	
12	Helene F	+306888000111	00/00/00	00:00	
10	Helmut S	+306779355777	00/00/00	00:00	
22	Herbert N	+306755999081	00/00/00	00:00	
8	Jack C	+306755344000	00/00/00	00:00	
7	Johann N	+306755999333	00/00/00	00:00	
31	Leo K	+306946426454	00/00/00	00:00	
25	Lora P	+306779356987	00/00/00	00:00	

Click on the '**Connect**' button to upload the records to the ARC-10 device:

sers Device Config • Call Users C ID User	Device cor Status: Off uration	Innection clo line Uplo Plez	sed! ading	Call	Users	to Al	RC-10)					Version:	:1.1 © 2014, Infin	ite Informatics Ltd.
ers Device Config Call Users (ID User 1	uration	Uplo	ading	Call	Users	to Al	RC-10)					Version:	:1.1 © 2014, Infini	ite Informatics Ltd.
ID User	- control asols		ase wa	ait									Re	ecords in List: 33	
	lame							-					ments		
28 Alexis		'n	10	20	30	40	50	60	70	80	90	100			
20 Andrea	sJ									100					
11 Anna K															
21 Brigitte	0			+30	067666	666167	7		00/00/	/00	00:	:00			

U	sers Dev	vice Configuration					Versio	on:1.1 © 2014, Infinite
	🖲 Call	Users 🔾 Control users						Records in List: 33
	ID	User Name		Phone Number	Date	Time	Comments	
	28	Alexis T		+306525929666	00200200	00-00		. 🔺
	20	Andreas J						
	11	Anna K	Upload co	mpleted!				
	21	Brigitte O						
	2	Chris K						
	16	Claudia L						
	29	Dimitri R						
	32	Edith V					OK	
	27	George A		130000010211	00700700	00.00		
	4	George P		+306977455233	00/00/00	00:00		
	9	George W		+306877566444	00/00/00	00:00		
	10	Holono E		. 200000001111	00,000,000	00-00		

🚊 AF	RC-10 Co	onfigurator						_ 🗆 ×
User	rs Devic	e Configuration	Device found and connected! Status: Online				Version:1.1 © 2014, Infinite Becords in List: 33	Informatics Ltd.
			10		1			
)	User Name		Phone Number	Date	lime	Comments	
28	3	Alexis I		+306525929666	15/03/14	23:02	^	
20)	Andreas J		+306888777244	15/03/14	23:02		
11		Anna K		+306789033222	15/03/14	23:02		_
21		Brigitte O		+306766666167	15/03/14	23:02		
2		Chris K		+306946466454	15/03/14	23:02		ADD
16	6	Claudia L		+306327888999	15/03/14	23:02		
29)	Dimitri R		+306972319866	15/03/14	23:02		
32	2	Edith V		+306811777999	15/03/14	23:03		DEL
	_	1200 - 2502-0						

The Date/Time fields are set to the time of the transaction.

4.4 Editing a User

Select a user by clicking on the respective row.

ARC-1	0 Configurator					
Sers D	Device found and Status: Online	d connected!			Version:11 © 2014	
⊡ ● Ca	all Users O Control users				Records in List	32
ID	User Name	Phone Number	Date	Time	Comments	
28	Alexis T	+306525929666	16/03/14	00:58		
20	Andreas J	+306888777244	16/03/14	00:58		
11	Anna K	+306789033222	16/03/14	00:58		
2	Chris K	+306946466454	16/03/14	00:58		
16	Claudia L	+306327888999	16/03/14	00:58		A
29	Dimitri R	+306972319866	16/03/14	00:58		
32	Edith V	+306811777999	16/03/14	00:58		
27	George A	+306888010211	16/03/14	00:58		
4	George P	+306977455233	16/03/14	00:58		
1	George S	+306976002399	16/03/14	00:57		
9	George W	+306877566444	16/03/14	00:58		
12	Helene F	+306888000111	16/03/14	00:58		E
10	Helmut S	+306779355777	16/03/14	00:58		
34	Herbert N	+306755999081	16/03/14	01:13		
8	Jack C	+306755344000	16/03/14	00:58		
7	Johann N	+306755999333	16/03/14	00:58		

Click on the 'Edit' button,

User Name Herbert N Phone +306755999081	
Phone +306755999081	
Comments	

Type in the Phone field the corrected number:

🔜 Edit Call User			×
User Name Phone	Herbert N +306755999082		
Comments			
		Cancel OK	

Click 'OK' to close the form:

ARC-1	0 Configurator							-
E.	Ş	Command: CUD:+3067559990 Device response: COMMAND Command: CUN:+3067559990 Device response: COMMAND	081 "Delete Call Us PROCESSED OK 082 "Add Call user: PROCESSED OK	er: Herbert N Herbert N		- -	(
ers D	evice Configuration					Version:1.	1 © 2014, Infinite Informa	atics
• Ca	all Users 🔘 Control user	18				Rec	ords in List: 32	
ID	User Name		Phone Number	Date	Time	Comments		
28	Alexis T		+306525929666	16/03/14	14:29		<u> </u>	0
20	Andreas J		+306888777244	16/03/14	14:29			
11	Anna K		+306789033222	16/03/14	14:29			-
2	Chris K		+306946466454	16/03/14	14:29			
16	Claudia L		+306327888999	16/03/14	14:29			ADD
29	Dimitri R		+306972319866	16/03/14	14:29			
32	Edith V		+306811777999	16/03/14	14:30			-
27	George A		+306888010211	16/03/14	14:29			DEL
4	George P		+306977455233	16/03/14	14:29			
1	George S		+306976002399	16/03/14	14:26			
9	George W		+306877566444	16/03/14	14:29			
12	Helene F		+306888000111	16/03/14	14:29			EDIT
10	Helmut S		+306779355777	16/03/14	14:29			-
34	Herbert N		+306755999082	16/03/14	14:37			
8	Jack C		+306755344000	16/03/14	14:29			
7	Johann N		+306755999333	16/03/14	14:29			
			1		1			

Two transactions are made:

- 1. The current phone number is deleted from the device memory.
- 2. The corrected phone number is uploaded.

The Phone number can be edited only in 'Online' mode. The other two fields can be edited either in 'Online' or in 'Offline' mode.

4.5 Search a User

Click on the '**Search**' button. The Search form opens. Enter the name or part of it in the respective field and click on the respective radio button to activate the search argument.

ARC-1	LO Configurator					
-7	Device fr Status: C	ound and connecte	ədl		*	U
	Pavice Configuration				×	Version:1.1 © 2014 Infinite Informatics I.td
.			Bain		∎n -	Peoprete in Lint: 22
		Phone	[]			HECOIDS IN LIST. 32
	User Name		<u>г</u>	1		
28	A AQIA					
28	Alexis I Andreas I	Comments	L		-	
28 20 11	Alexis I Andreas J Anna K		L			 🔍
28 20 11 2	Alexis I Andreas J Anna K		L			
28 20 11 2 16	Alexis I Andreas J Anna K Chris K		<u> </u>	Cancel	ок –	

ID	User Name	Phone Number	Date	Time	Comments	
2	Chris K	+306946466454	15/03/14	23:02		
16	Claudia L	+306327888999	15/03/14	23:02		
29	Dimitri R	+306972319866	15/03/14	23:02		-
32	E dith V	+306811777999	15/03/14	23:03		
27	George A	+306888010211	15/03/14	23:02		ADD
4	George P	+306977455233	15/03/14	23:02		
1	George S	+306976002399	15/03/14	22:56		
9	George W	+306877566444	15/03/14	23:02		DEL
12	Helene F	+306888000111	15/03/14	23:02		
10	Helmut S	+306779355777	15/03/14	23:02		-
34	Herbert N	+306755999082	15/03/14	23:20		
8	Jack C	+306755344000	15/03/14	23:02		EDIT
7	Johann N	+306755999333	15/03/14	23:02		
31	Leo K	+306946426454	15/03/14	23:02		
25	Lora P	+306779356987	15/03/14	23:02		
5	Lukas V	+306888777999	15/03/14	23:02		
6	Maria P	+306766666000	15/03/14	23:02		
19	Marie L	+306977455211	15/03/14	23:02		
23	Markus M	+306755344854	15/03/14	23:02		
13	Paul L	+306555999666	15/03/14	23:02		
26	Paul L	+306789033032	15/03/14	23:02		
33	Peter J	+306755433854	15/03/14	23:03		
17	Rainald G	+306301466454	15/03/14	23:02		
3	Theo K	+306722555777	15/03/14	23:02		
30	Theo N	+306956818920	15/03/14	23:02		
14	TomW	+306972110966	15/03/14	23:02		
24	Ursula K	+306877566207	15/03/14	23:02		

Click 'Search' to find additional instances:

Name	Rain	74	۲	
^o hone			0	
Comments			0	
	2.			

If there are no more instances in the list:

Alert	
	No more instances found!
	<u></u> ОК]

5. Rejected Transactions

In some cases an attempted transaction command is rejected from the ARC-10 device. In those cases the whole transaction is cancelled.

In the following example, an attempt is made to delete the first uploaded control user (marked as Administrator):

Ŀ.	ARC-10 Co	onfigurator						
	SPIS Devin	e Configuration	Device found and connected! Status: Online				Version:11 © 2014 Infinite	
Users Device Configuration Ver								
	O Call U:	sers 💿 Control user	\$				Records in List: 2	
	ID	User Name		Phone Number	Date	Time	Comments	
	2	Hannes W		+306976455099	15/03/14	23:43	<u> </u>	
	1	Peter K		+306977544322	15/03/14	23:43	Administrator	

Click on the 'DEL' button.

Alert		
	Unexpected Response! Error=-7	
		ОК

The respective deletion command is rejected by the ARC-10 device.

Ē	ARC-10 C	onfigurator							
[1	Jsers Devin	e Configuration	Command: UD:+30697754432 Device response: NOT ALLOV	2 ¹ Delete Call User /ED			Vers	sion:1.1 © 2014, Infinite	Informatics Ltd.
	🔾 Call U	sers 🔘 Control user	8					Records in List: 2	
	ID	User Name		Phone Number	Date	Time	Comments		
	2	Hannes W		+306976455099	16/03/14	01:08		4	
	1	Peter K		+306977544322	16/03/14	00:53	Administrator		

6. Entering Terminal commands

Click on the Page Tab to go to the Device Configuration page and click on the '**Connect**' button to enter 'Online' mode.

Ter	minal command line		
ARC-10 Configurator			
Device for Status: Or	ind and connected! line	-	0
Users Device Configuration		Version:1.1 © 2014, Infinite	Informatics Ltd.
A/A Name S 3 ARC-10	erial Port Baud Rate Password 1 115,200 ▼ 1234	Device Version Comments	
Terminal command			

ENTER button

Enter a command in the command line and click on the 'ENTER' button.

ARC-10 Con	figurato)r								
			User Co Device I	mmand: at+creș response: +CRE	g? :G: 0,2			×		
Users Device	Configura	tion							Version:1.1 © 2014, Infinite I	nformatics Ltd.
1										
	A/A	Name		Serial Port	Baud Rate	Password	Device Version	Comments		
	3	ARC-10		1	115,200 💌	1234	1.1			
	Termina	l command	at+cre	g?			EN	ITER		

Both standard GSM MODEM AT commands and ARC-10 specific commands can be passed to the device.



Export button

Click on the 'Export' button:

7. Configuration Export

Save the document ? X					
Αποθήκευση σε:	Config) V10	•	(= 🗈 💣 🖪	•
Γρόσφατα έγγραφα Επιφάνεια εργασίας Τα έγγραφά μου Ο Υπολογιστής	BURSR User demo				
- S	Όνομα αρχείου:	*.txt			Αποθήκευση
Θέσας δικτύου	Αποθηκεύση ως:	Custom document			

Type in a document name and click 'Save'.

- The Password used in the exported file is the default password ('1234').
- The unit name is the default name ('ARC-10').

Typical export file contents:

atsms="1234DN:ARC-10" atsms="1234RSPE" atsms="1234O1SYSON" atsms="1234UCD" atsms="1234O1:2" atsms="1234O2:2" atsms="1234I1AM:0" atsms="1234I2AM:0" atsms="1234|1:5" atsms="1234I2:5" atsms="1234E1:DI ALARM 1" atsms="1234E2:DI ALARM 2" atsms="1234CUN:+306946466454;CUN:+306722555777;CUN:+306977455233;CUN:+306888777999;CUN:+3067666 66000;CUN:+306755999333;CUN:+306755344000" atsms="1234CUN:+306877566444;CUN:+306779355777;CUN:+306789033222;CUN:+306888000111;CUN:+3065559 99666;CUN:+306972110966;CUN:+306956888000" atsms="1234CUN:+306327888999;CUN:+306301466454;CUN:+306722555000;CUN:+306977455211;CUN:+3068887 77123;CUN:+306766666167;CUN:+306755999081" atsms="1234CUN:+306755344854;CUN:+306877566207;CUN:+306779356987;CUN:+306789033032;CUN:+3068880 10211;CUN:+306525929666;CUN:+306972319866" atsms="1234CUN:+306956818920;CUN:+306324848909;CUN:+306946426454;CUN:+306722556677;CUN:+3069774 33233;CUN:+306811777999;CUN:+306246666000" atsms="1234CUN:+306755999007;CUN:+306755348700;CUN:+306077566044;CUN:+306709350077;CUN:+3067000 33222;CUN:+306888888111;CUN:+306522999666" atsms="1234CUN:+306972945966;CUN:+306956888756;CUN:+306327934999;CUN:+306301400454;CUN:+3067330

55000;CUN:+306999155211;CUN:+306888777020" atsms="1234CUN:+306744476167;CUN:+306033999081;CUN:+306755433854;CUN:+306867766207;CUN:+3067788 26987;CUN:+306782233032;CUN:+306123010211"

atsms="1234CUN:+306592329666;CUN:+306966619866;CUN:+306902218920;CUN:+306329338909"