

# **SMS Modem install manual**

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Change IMEI
CALL
Send USSD
Put in PIN/PUK code



# 1, SMS Modem contact PC

①Device USB port contact to PC USB port, For the first time,

put CD into the computer, or **Download the driver** 

(2)Install antenna and SIM card.

③Open SMS Modem power.



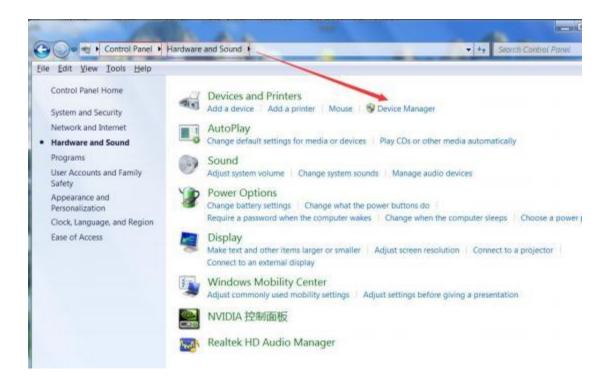


If you are using DC 5V USB UART HUB, 4G LTE Dongle need to toggle the small switch to the "Uart" position. (2G GSM Dongle does not have this switch)



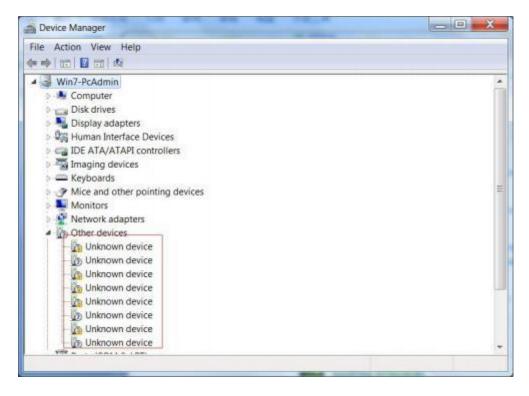


# 2, Install driver



#### 1,Open the "Device Manager "(devmgmt.msc)

If versions below Windows 7, you can see: in "Other devices", there is no driver



If Windows 10 and above, in "Ports(COM & LPT)" displayed as COMXX, which is not complete driver and needs to be updated

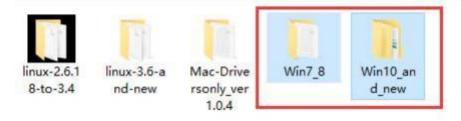


と同子	1印机 8日 (COM 和 LPT)
T.	USB 串行设备 (COM10
é	USB 串行设备 (COM3)
6	USB 串行设备 (COM4)
é	USB 串行设备 (COM5)
9	USB 串行设备 (COM6)
¢.	USB 串行设备 (COM7)
Ú.	USB 串行设备 (COM8)
Ű.	USB 串行设备 (COM9)



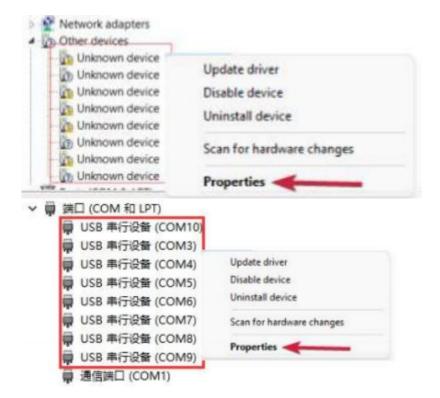
#### 2, Install driver (Download the driver)

① Unzip this file , If there is no decompression procedure, please <u>Download WinRAR</u>,and install it



## 2 Install or update drivers:

Right click on "Unknown device" or "COMXX" and follow the steps below





General	Driver	Details	Events	Resou	roes	
-	Intel(R)	DUD Gr	-			
	Driver Pr	rovider.		Corporat	ion	
	Driver D	ate:	10/28	/2020		
	Driver V	ension:	27.20	100.89	35	
	igner:	Micro Publis		dows Hardware (	Compatibility	
Dri	ver Details		View de	tails abo	ut the installed dr	iver files.
Up	date Drive	-	Update	the ch	or this device.	
Rol	Back Drive	NT.			after updating th ously installed dri	
Disa	sble Devio	•	Disable	the devi	ж.	
Unin	stall Devic		Uninstal	the dev	ice from the syste	em (Advanced).
					OK	Cancel

How do you want to search for drivers?

- → Search automatically for drivers Windows will search your computer for the best available driver and install it on your device.
- → Browse my computer for drivers Locate and install a driver manually.



#### Browse for drivers on your computer

Search for drivers in this location:



③After the driver installation or update is completed, "XR21V1414......(COMXX)" will be displayed.

Eile Action View Help	
🖂 🥌 Computer	
Disk drives	
🖻 📲 Display adapters	
Q Human Interface Devices	
IDE ATA/ATAPI controllers	
Imaging devices	
Keyboards	
Mice and other pointing devices	
Monitors	
Network adapters	
Ports (COM & LPT)	
·李 ECP 打印机端口 (LPT1)	
- T XR21V1414 USB UART Ch A (COM4)	
TT XR21V1414 USB UART Ch A (COM5)	
TT XR21V1414 USB UART Ch B (COM6)	
- 🃅 XR21V1414 USB UART Ch B (COM7)	
TT XR21V1414 USB UART Ch C (COM8)	
TT XR21V1414 USB UART Ch C (COM9)	
- T XR21V1414 USB UART Ch D (COM10)	
XR21V1414 USB UART Ch D (COM11)	



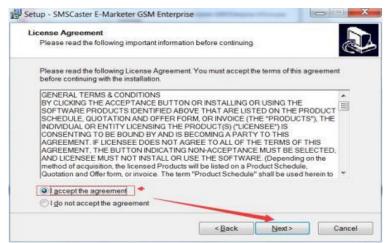
# 3, Install SMS Caster E-Marketer software

(If the module used is EC200A/ UC20/ UC200T/ UG96, it is recommended to use "<u>SMS\_Deliverer</u>" which would be more suitable)

#### 1, Download SMSCaster



#### 3 As shown in figure





#### 4 Next, and continue Next



#### 5 click Install

Ready to Install	
Setup is now ready to begin installing SMSCaster E-Marketer GSM Ente computer.	erprise on your
Click Install to continue with the installation, or click Back if you want to re settings.	eview or change any
Destination location: C\Program Files (x86)\SMSCaster	٨
Start Menu folder. SMSCaster	
	-
4	*



#### 6,Install done, click Finish



7, software registered, As shown in figure, just installed software

shows Unregistered. So it need to be registered.

File View Tool Help			
Start 📢	Send eceive		Î
ixplorer:	Compose SMS Message	💊 Long SMS 🎦 Qations 📄 Clear	
Contacts Groups Inbox Outbox Phone Responder Scheduler Scheduler	To Numbers: To Groups: Subject: Encoding : GSM 7-bit Characters : 0 Message 1/2 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2		•
ecevie SMS from ph		Unregistered	



Ele View Iool	Help	
Start	Command Line Responder Enter Unlock Key	iv
Explorer:	About	, Copy the

1, Click on the "Help-About" Explor

content about "Serial#" to our engineers, we will generate a unlock key to you.

License	Information				
Ivpe	e: Per Comp	uter			
Seria	# : H48A540	RD 5			
<u>U</u> cer	ise : Unregiste	red			
	Untitled - SM	SCaster E-Marketer GS	M Enterprise v3.6		
	Start	<u>C</u> ommand Line Responder	ive		
		Enter Unlock Key			
2,open it	Explorer:	About	and Chi	, Copy the	generated
content t	to "Unlock I	key", click "ok"	/		-
Unlock k		/			
KFNI	L5-3E42X-V	QZZD-9GFCJ-91	JWR-5F65B		
(You ma	ay copy and <u>paste th</u>	e unlock key)			
		C	ок	-	



3, if the "Unregistered" is disappeared, it mean registered is success. If not, please do it again about registered steps.

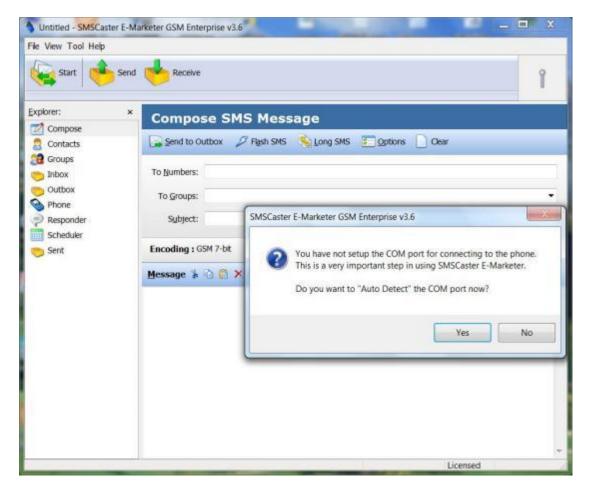


# 4, The use of SMSCaster E-Marketer

## 1,Use the information



1,open E-Marketer , If you didn't choose any port in advance, It will promptly check COM list. Select "Yes".



2, it mean , this COM port have SIM card, and it have read this SIM card , if you select it , The "Status" will "ready".



Compose	Phone Information	
Contacts	🕏 Update 🥎 Update Al 🖅 Option	5
Groups	Phone/COM Port	Status
nbox 🔁	COM1	Timeout reading COM1
Outbox	COM4	Timeout reading COM4
Phone	COM5	Timeout reading COM5
×	COM6	Timeout reading COM6
P Responder	COM7	Timeout reading COM7
Scheduler	COM8	Timeout reading COM8
Sent	Quectel_M35 at COM9	
John	Quectel_M35 at COM10	
	COM11	Timeout reading COM11
<b>X 1 1 1 1</b>	COM5	Timeout reading COM5
Phone (2 Phones)	COM6	Timeout reading COM6
Responder	COM7	Timeout reading COM7
Scheduler	COM8	Timeout reading COM8
	V SQuectel_M35 at COM9	Ready
ラ Sent	V SQuectel_M35 at COM10	Ready
	CON11	Timonut reading COM11

Select done ,it means , it will use them to send SMS. If you need to

close the software, it is better do not select any com port,

otherwise, you can't see the COM list when you open again, than

you need to re-install the software again.

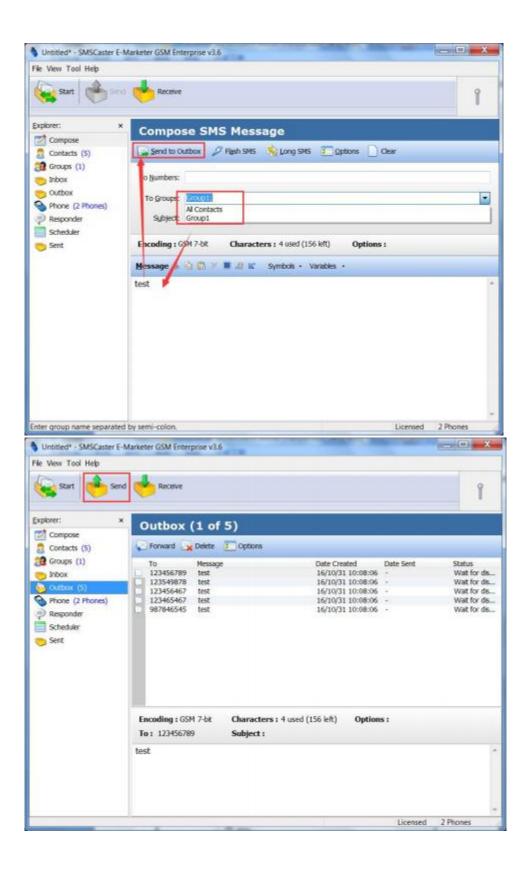


## 2,Send SMS

Select Groups or all (default all) => Input Message content => click

"Send to Outbox" =>check Outbox (click "Send")







Send SMS, if successful, the message will be saved in "Sent", the failed message will keep in "Outbox"

# 3,Other features(Automatically add prefix, intermittent sent, Multitasking is sent, Timing task)



Automatically add prefix, intermittent sent, As shown in figure:

Message Centre Address (SMSC)   © Default in SIM card   © Custom:   © Custom list:     Speed   © Use +CMMS command (Enable to send faster)   Pause   © esconds for every   1 est   SM5 sent      Prefix Code   • Add Prefix Code   • International Number	
Custom list:     Speed   Use +CMMS command (Enable to send faster)   Pause   O   seconds for every   I   SMS sent      Prefix Code   O   + Local Number   O   + International Number	
Speed Vise +CMMS command (Enable to send faster) Pause  Verfix Code Add Prefix Code + Local Number Vermational Number	
Use +CMMS command (Enable to send faster)   Pause   Image: Code   Image: Add Prefix Code   Image: Object to the send faster in the second secon	
Pause 0 seconds for every 1 SMS sent  Prefix Code Add Prefix Code 0 + Local Number 00 + International Number	
Add Prefix Code 0 + Local Number 00 + International Number	
00 + International Number	
QK Cancel	
Ciptions	
Erable Queues at Outbox (Each queue is independent and is sent by different phones)	



#### function

Seneral Compose       Send       Unsent       Receive       Connection       Queue       Responder         (Each queue is independent and is sent by different phones)	Seneral	Compose	Send	Unsent	Receive	Connection	Queue	Responder
phones) Queue Names Default : Default Queue Ist Queue : My Queue One 2nd Queue : My Queue Two 3rd Queue : My Queue Three 4th Queue : My Queue Four	0-011-01-08	compose		drigerie.	Theorem			- mappinger
phones) Queue Names Default : Default Queue Ist Queue : My Queue One 2nd Queue : My Queue Two 3rd Queue : My Queue Three 4th Queue : My Queue Four								
phones) Queue Names Default : Default Queue Ist Queue : My Queue One 2nd Queue : My Queue Two 3rd Queue : My Queue Three 4th Queue : My Queue Four	3	-						
Default :     Default Queue       1st Queue :     My Queue One       2nd Queue :     My Queue Two       3rd Queue :     My Queue Three       4th Queue :     My Queue Four			e is inde	pendent a	and is sen	t by different		
Default :     Default Queue       1st Queue :     My Queue One       2nd Queue :     My Queue Two       3rd Queue :     My Queue Three       4th Queue :     My Queue Four	~	un un Alberton						
1st Queue :     My Queue One       2nd Queue :     My Queue Two       3rd Queue :     My Queue Three       4th Queue :     My Queue Four	10	ieue marries						
2nd Queue : My Queue Two 3rd Queue : My Queue Three 4th Queue : My Queue Four	1	Default :	De	fault Que	NC .			
2nd Queue : My Queue Two 3rd Queue : My Queue Three 4th Queue : My Queue Four		1st Oueue -	M	DIRIEO	0e			
3rd Queue : My Queue Three 4th Queue : My Queue Four		sat Queue .	1.14	queue o	ine.			
4th Queue : My Queue Four	3	2nd Queue	My	Queue T	ND			
4th Queue : My Queue Four				Course T				
	33	sra Queue :	my	Queue II	aree			
Sth Queue : My Queue Five	3	4th Queue :	My	Queue Fr	ur			
Sth Queue : My Queue Five								
	1	5th Queue :	My	Queue Fi	ve			
						0		
OK						- SQN	G	

After open the multitasking function, you need to set COM in which

Untitled* - SMSCaster E-Marketer G	GSM Enterprise v	3.6		X
File View Tool Help				
Start 📸 sent 👼	Receive			î
Explorer: * Pho	one Infor	mation		
Compose	pdate 👧 Update	Contraction of the second		
	one/COM Port COM1	Work for Queue	Status	
outbox			Unavailable	
Phone (2 Phones)				
🐤 Sent				
СОМ	1: COM9			
Bran	id :			
Mod				
IMEI				
SMS				
Batt	0.0110			
Quei		Queue		•

Queue, and also need to select Queue when Add to the Outbox.



ile View Tool Help		
Sart 🐣 🖛	Receive	Ŷ
xplorer: >	Compose SMS Message	
Contacts (5)	🔓 Send to Outbox 🖉 Flash SMS 🐁 Long SMS 🐑 Options 🗋 Gear	
Groups Inbox Outbox Outbox Phone (2 Phones) Responder Scheduler Sent	Queue :     Default Queue       To Bumbers:     To Groups: All Contacts       Subject:     Subject:       Encoding : GSM 7-bit     Characters : 4 used (156 left)     Options :	•
	Message 🖌 🖓 🕅 🗡 📕 🚑 🖬 Symbols • Variables • test	15

Timing task:( Please see prompt box)

xplorer: ×	Scheduler
Compose	
Contacts	ANN JEdt A Dikte
Groups	Type Summary
5 Inbox	
Outbox	
Phone (2 Phones)	(No Schedule)
Responder	
Scheduler	
5ent	



Type :	Qne Time Daily
<u>T</u> ask :	Send & Receive 🔹
Start at :	2016/10/31   Time:11:08 上午 🚔 🔹
Stop at :	16/10/31 🗇 * Time: 4:08 下午 🐮 *
Summary	Auto send and receive at 11:08 Today.

Type :	One Time O Daily
<u>T</u> ask :	Send & Receive -
Day :	Mon V Tye Wed V Thu V En V Sat V Sug
Start at :	8:00 上午 🛬
Stop at :	6:00 下午 [本]
Summary	Auto send and receive at 8:00 everyday.

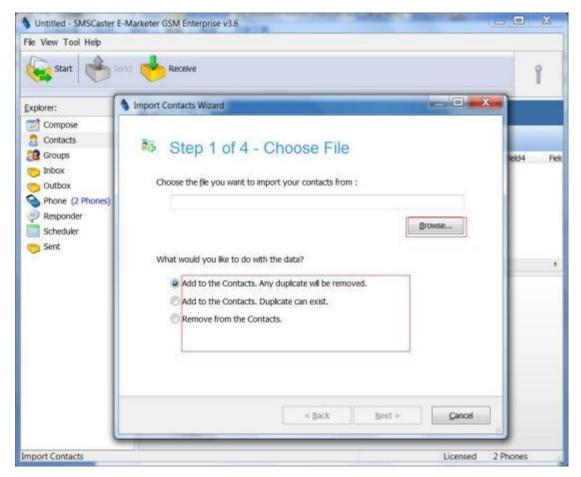


## 4,Import contacts list

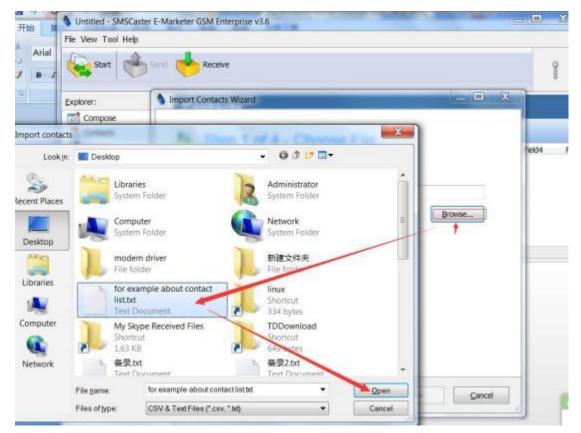
D A								
start 🔭 Servi	Receive							î
xplorer: ×	Contacts	🏡 New 🍮 Ritt	General Ba	Import 🗺	Export			
Groups Inbox Outbox Phone (2 Phones) Responder Scheduler Sent	Name	Phone	Groups	Feld1	Field2	Field3	Field4	Rel
	Name : Phone : Group : Field1 : Field2 : Field3 :							,

1, Please pay attention to choose the option below(Details please see the options, For example: The first is default, it means it will delete duplicate number When adding)



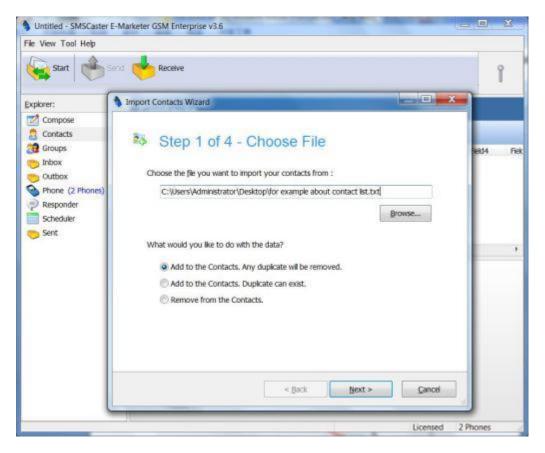


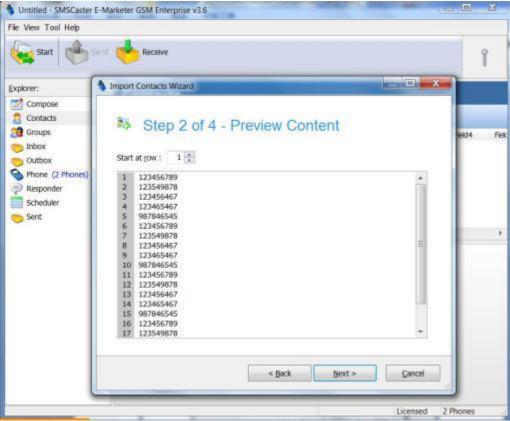
#### 2,Select the file(csv or txt)





#### Click "Next"

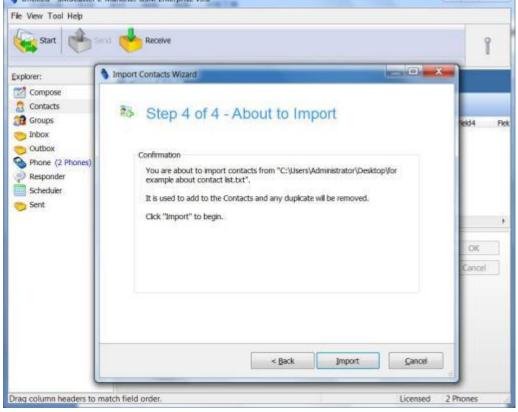






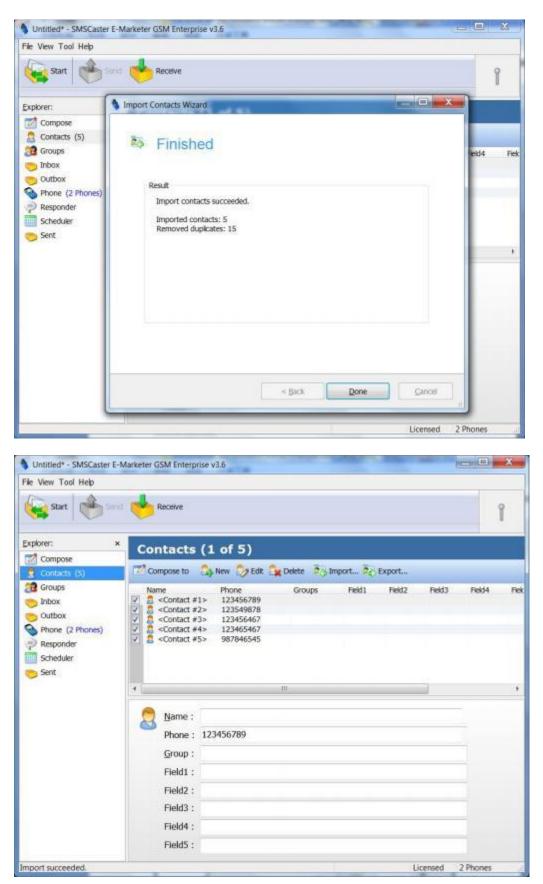
. . S Untitled - SMSCaster E-Marketer GSM Enterprise v3.6 File View Tool Help The Receive Start î **—** X S Import Contacts Wizard Explorer: Compose Contacts Step 3 of 4 - Arrange Fields and Columns Groups 1d4 Fiek the state of the s Field Separator Outbox Comma (,) 💮 Tab 👘 Semi Colon (;) Other S Phone (2 Phones) Responder Field Order (Drag and move the header to rearrange them) Scheduler Field2 🖱 Sent Phone Field1 Field3 Field# Field5 Last Se 123456... 123549... 123456 .... 123465... Ĥ **DK** 987846... 123456... Cancel 123549... 123456... 123465... 987846.. 123456. < Back Next > Cancel 2 Phones Licensed Untitled - SMSCaster E-Marketer GSM Enterprise v3.6 File View Tool Help Receive Start î

Please pay attention to the relevant options, the default click "Next":





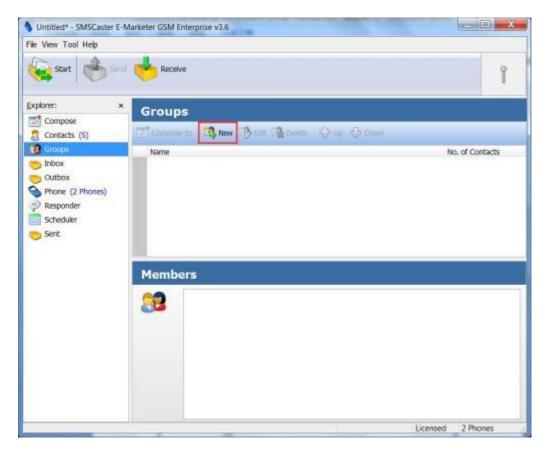
4, Import is done, See the prompt.





## 5,Add Groups

1,click New





2, Input Group	Name and	select the	need to	add the	number
----------------	----------	------------	---------	---------	--------

Sond Decelus	
New Group	
Group Name: 20000	
Non Group Members (5):	Group Members (0):
123456789	Add >
123549878 123456467	
123465467 987846545	Remove <
	Add All >>
	Remove All <<
Tips: You may search for name/	/phone number by typing in the list. OK Gancel
Caster F-Marketer GSM Entern	Licensed
Caster E-Marketer GSM Enterp	
þ	
A COMPANY OF THE OWNER	
b Send Becove	orise v3.6
b Sand Deceive	orise v3.6
b Send Becove	orise v3.6
b Send Becove	Group Members (5):
b New Group Group Name: Group1	Group Members (5): Add > 123456769 12345876
b New Group Group Name: Group1	Group Members (5): Add > 123456789 123456467
b New Group Group Name: Group1	Group Members (5): Add > 123456769 12345876
b New Group Group Name: Group1	Group Members (5): Add > 1234564769 123456467 Remove < 123455467
b New Group Group Name: Group1	Group Members (5): Add > 123456789 123459678 123459678 123459678 12345967 Remove < 12345967 987846545 Add All >>
b New Group Group Name: Group1	Group Members (5): Add > 123456789 123459678 123459678 123459678 12345967 Remove < 987846545
b New Group Group Name: Group1	Group Members (5): Add > 123456789 123459678 123459678 123459678 12345967 Remove < 12345967 987846545 Add All >>
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b New Group Group Name: Group1	Group Members (5): Add > 123456789 123459678 123459678 123459678 12345967 Remove < 12345967 987846545 Add All >>
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b Send Beroke. New Group Marne: Group1 Non Group Members (0):	Group Members (5): Add > 123456789 123459678 123459678 123459678 12345967 Remove < 12345967 987846545 Add All >>



3,Group add done,please note it that to select the group when adding to outbox.

SMSCaster E-N	larketer GSM Enterprise v3.6		x
File View Tool Help			
Start Sand	Receive	Î	1
Explorer: ×	Compose SMS Message		
Contacts (5) Groups (1) Inbox Outbox Phone (2 Phones) Responder Scheduler Sent	To Numbers: To Groups: Al Contacts Subject: Group1 Encoding : GSM 7-bit Characters : 4 used (156 left) Options :		
	Message % (a) (a) >> III (a) & Symbols + Variables + test		*
Enter group name separated	by semi-colon, Licer	nsed 2 Phones	-

# 5,FAQ

1, COM and port number is not corresponding, how do I know this port can not use?

Each module has LED lights:

①LED light flash every 3 s, means normal registration card, can be used;

(2) LED light flash every 1 s or always on, it isn't normal registration card, Need to check the card is installed correctly or not.

③You have installed SIM cards, but device can't read SIM card.



Please re-install SIM card and reboot it port, Installing sim card, the direction of the note card is correct

2,COM port have error 2 Please reboot this port or re-install this port(Each module is removable)

3, Just began to normal to send, but send failure after a period of time, may no balance or be blocked by operator or limit, Check the SIM card again or contact SIM Operator.



# 6,Change IMEI/Send USSD/Call/Put in PIN/PUK

# code(AT command)

putty exe Download putty, and open it ,put in COM number ,open it ,

egory: B- Session	Basic options for your PuT	TY session
<ul> <li>Logging</li> <li>Terminal</li> <li>Keyboard</li> <li>Bell</li> <li>Features</li> <li>Window</li> <li>Appearance</li> <li>Behaviour</li> <li>Translation</li> <li>Selection</li> <li>Colours</li> <li>Connection</li> <li>Data</li> <li>Proxy</li> <li>Telnet</li> <li>Rlogin</li> <li>SSH</li> <li>Serial</li> </ul>	Specify the destination you want to o Serial line COM Connection type: O Raw O Telnet O Riogin O Load, save or delete a stored session Saved Sessions	Speed 115200
	Default Settings	Load Sa <u>v</u> e Delete
	Close window on exit: Always Never  Only	y on clean exit

According to the following text instructions.

#### **Change IMEI**

(Operation demonstration video)

- 1, open Putty
- 2, click " Serial"
- 3, Input the com port in "Serial line" such as COM 3
- 4, PUT IN "at&f"
- 5, put in "at+cgsn"//check IMEI



6, at+egmr=1,7,"IMEI number" change imei, for example : AT+EGMR=1,7,"453243242432134" if you put in imei is wrong ,it will reset or keep old IMEI 7, put in "at+cgsn"//check new IMEI

### CALL

1,open Putty

2,click " Serial"

3. Input the com port in "Serial line" such as COM 1

4,PUT IN "at&f"

5,put in "ate1"

6,put in "atd number;"

for example:

atd 0976006161;

7,put in"ATH" hung off call

#### Send USSD

1,open Putty

2,click "Serial"

3. Input the com port in "Serial line" such as COM 1

4,PUT IN "at&f"

5,put in "at+cusd=1,"USSD command"



for example:

at+cusd=1,"\*097#"

### Put in PIN/PUK code

1,open Putty

2,click " Serial"

3. Input the com port in "Serial line" such as COM 1

4,PUT IN "at&f"

5,PUT in "at+cpin?" //check PIN status

If display "ready"=> it is ok, don't need put in PIN code If

display "SIM PIN" =>need put in PIN code

PUT IN "at+cpin=PIN code", for example:

at+cpin=1234

If display "SIM PUK" =>need put in PUK code

PUT IN "at+cpin="PUK code","NEW PIN code" ", for example:

at+cpin="12345678","1234"