

DMT-V

VoIP GSM Channel Bank

User Manual



PORTech Communications Inc.

【Content】

1. Introduction.....	3
2. Products illustration.....	3
3. Dimension: 43d×48w×24h cm.....	4
4. Chart of the device.....	4
5. Structure of DMT-V.....	6
6. Web IP.....	6
7. System Setting.....	7
8. DMT-V IP Setting.....	7
9. DMT-V Submark Setting.....	7
10. DMT-V Gateway Setting.....	7
11. IP setting.....	7
12. DMT-V/System Parameters Setup.....	12
13. MT Group Setting.....	22
14. Q&A.....	27

1. Introduction

DMT-V: 8/16/24/31 ports VoIP GSM Gateway (support SIP and H.323)

-with CDR, LCR, Remote Monitor

-GSM ,CDMA can be combined in one DMT-V

DMT-V accepts incoming call from VoIP and choose one GSM channel to dial out according to the prefix of the destination mobile number. In this way, we can have least cost routing (LCR). DMT-V can provide Call Detail Record (CDR) for traffic and accounting management. User can remote monitor traffic via VNC

2. Products illustration

Please contact our agents if there are any parts missing.

2.1 Hardware

GTS Card(back-up use);

PC Disc: DMT-V disc, Trend disc



Network cable X 2;

Power Cord;

Antenna

2.2 「DMT-V」 Main Body

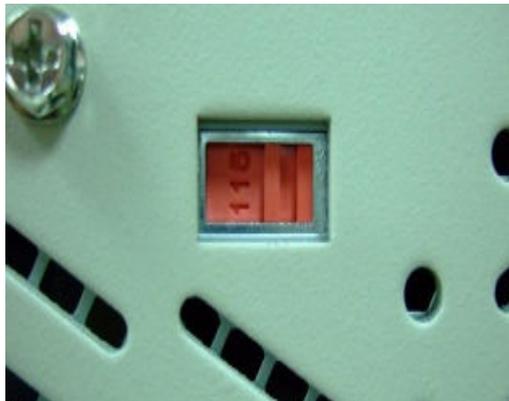


3. Dimension: 43d×48w×24h cm

4. Chart of the device

4.1 Turn on DMT-V

Please Check power voltage (110-120V or 220-240V), then turn it on.



4.2 Light signal (right to left)



1) IMS

- ◆ Alive (Every flicker for 3 seconds)
- ◆ STO TXD: Light on when sending to GTS Card
- ◆ STD RXD: Light on when receiving from GTS Card

2) Control

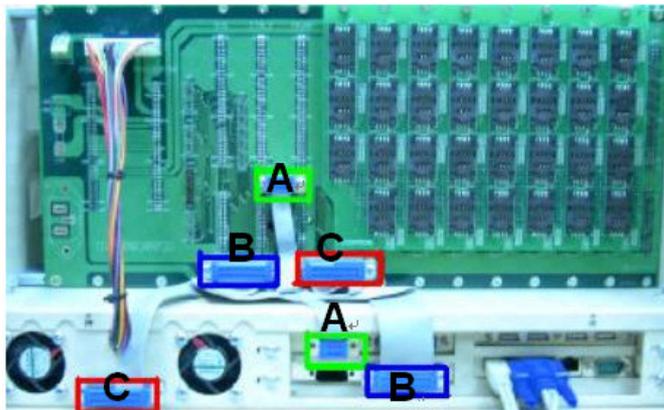
- ◆ Alive
 - ✓ Normal: light on for 3 seconds, off for 3 seconds by turns
 - ✓ Disconnect: Light on for 1 second, off for 1 second
- ◆ STO TXD: Light on when sending to GTS Card
- ◆ STD RXD: Light on when receiving from GTS Card

- 3) P-Gateway(A)
 - ◆ Start: Light on
 - ◆ Ready: when SIP server is registered, it will on blue light
- 4) GTS MTIC: Flickering in 2 seconds by turns

NOTE:

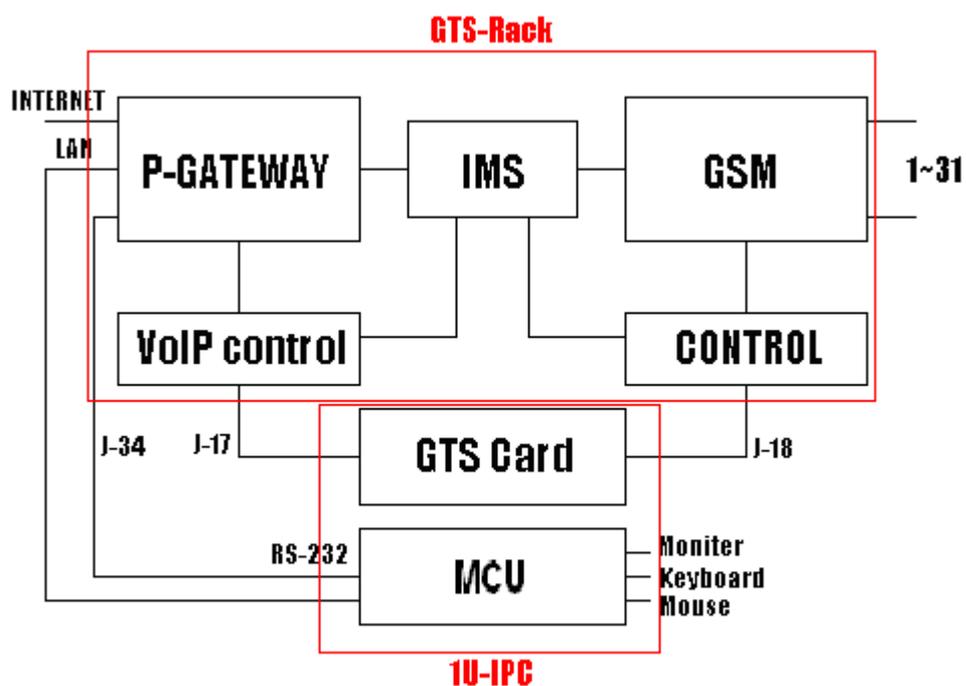
If everything is settle down, but no signal shows on the monitor; please try Ctrl+Alt+F1 to remove Screen Saver mode

4.3 Back of DMT-V



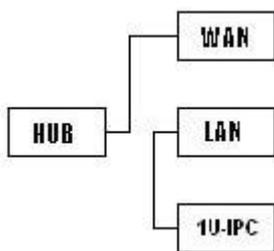
- 1) Connect to monitor, mouse, keyboard, antenna and network cable
- 2) A to A; B to B; C to C (The connecting is settled down)

5. Structure of DMT-V



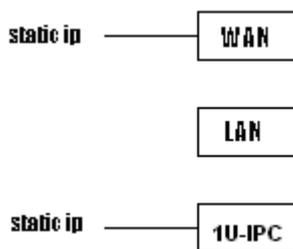
6. Web IP setting

6.1 One Fixed IP



- ◆ Hub-WAN and LAN-1U-IPC can't in the same IP

6.2 Two Fixed IP



- ◆ Wan and 1U-IPC connect to two Fixed IP.

7. System Setting

Enter the default password: PORTech

8. DMT-V IP Setting

192.168.0.10

9. DMT-V Submark Setting

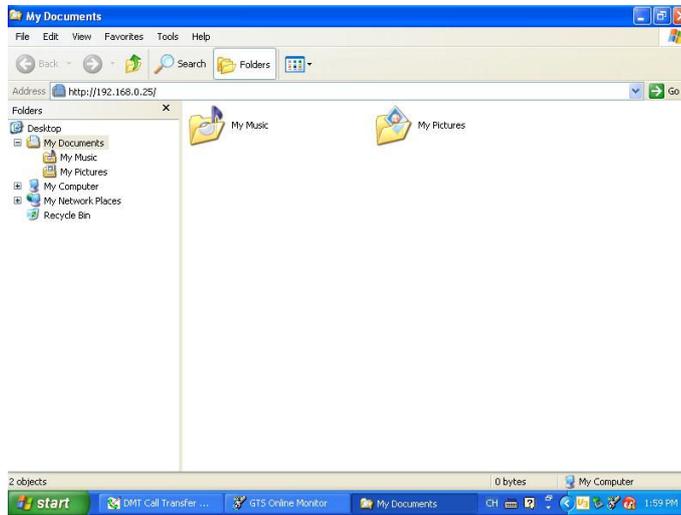
255.255.255.0

10. DMT-V Gateway Setting

192.168.0.25

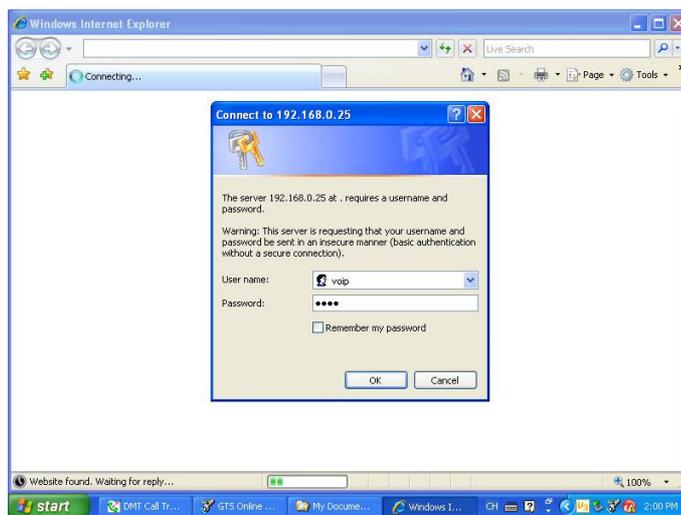
11. IP Setting

11.1 DMT-V Windows Explore: http:// 192.168.0.25(p-gateway default IP)



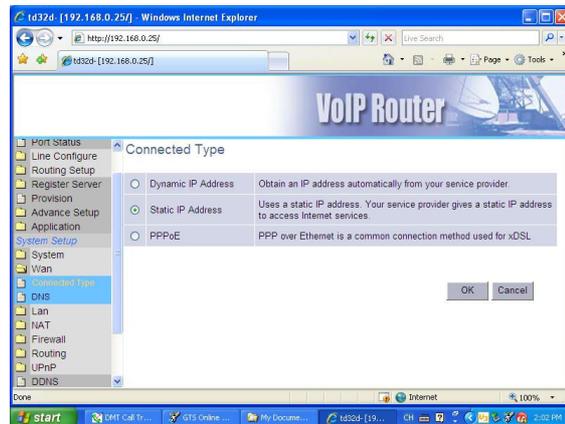
11.2 User: voip

Password: 1234



11.3 Connected IP Type

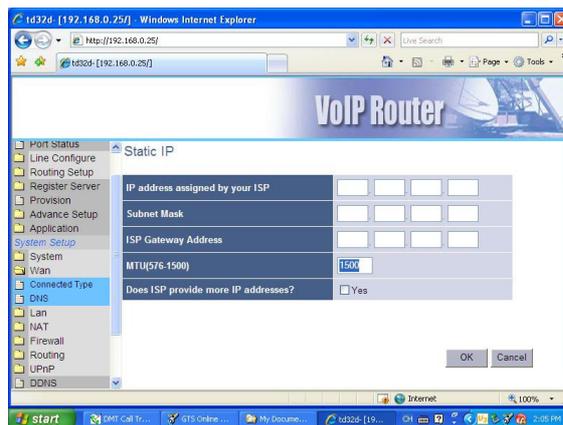
1) System Setup → Wan → Connected Type



2) Dynamic IP Address

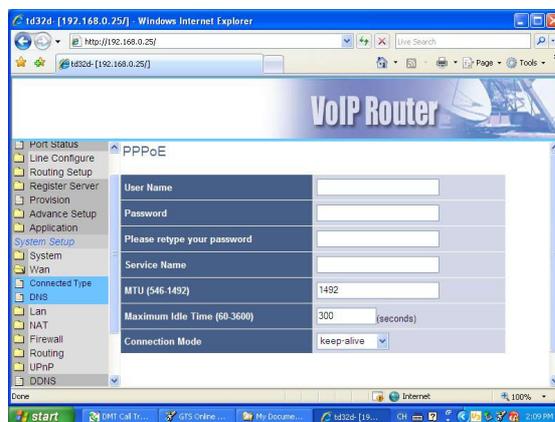
3) Static IP address

* MTU (576-1500): 1500 (keep default value as possible)



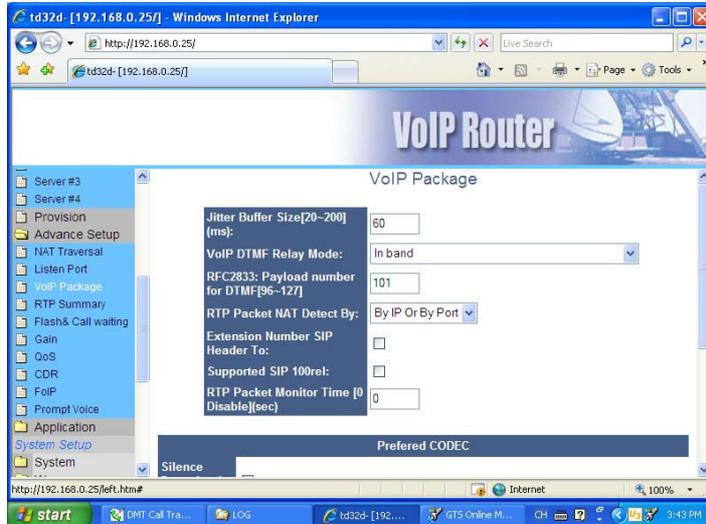
4) PPPoE: ADSL Dial-up

* Only fill in User Name and Password

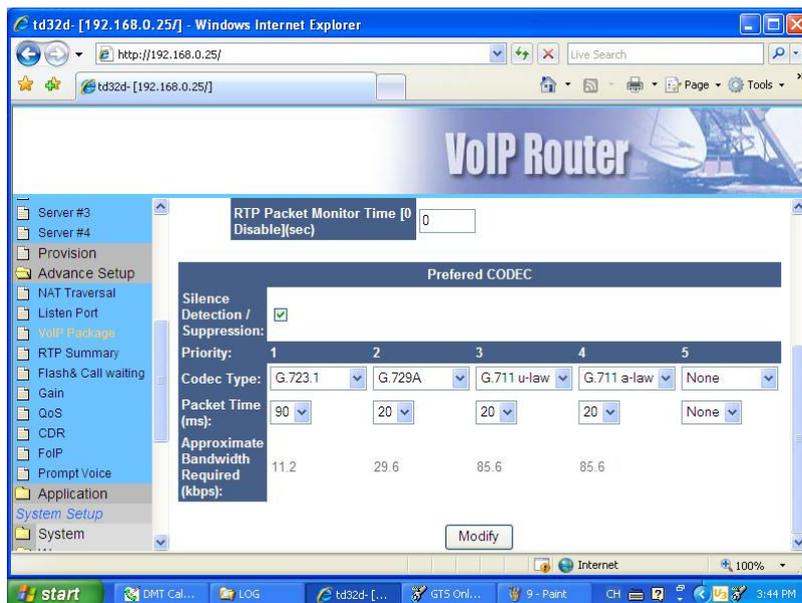


11.4 DMT-V Call Transfer System

1) Advance Setup → VoIP Package



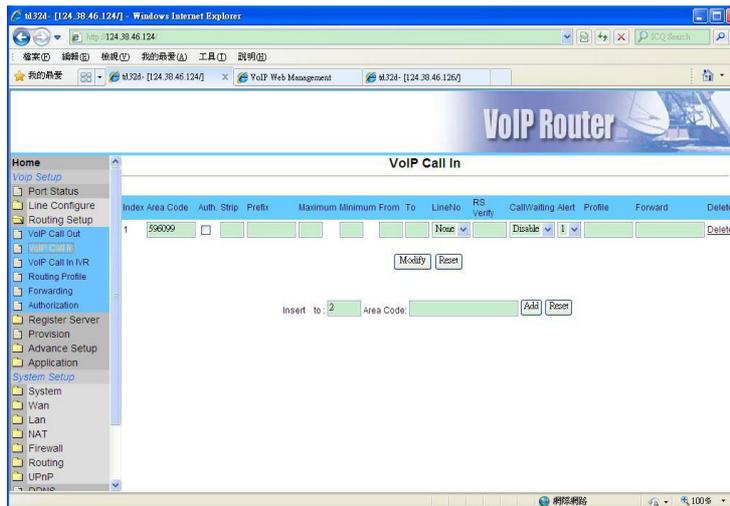
2) Preferred CODEC:



NOTE: If you want to accept all incoming calls, Codec Type should be G.711 , G.723 , G.729 , G.726)

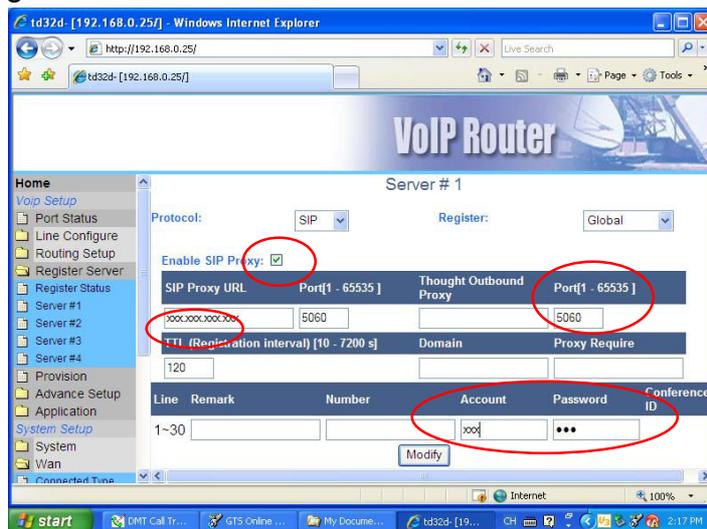
11.5 FXO setup

- 1) Routing Setup → VoIP Call in
- 2) Only setup Index Area Code: enter the FXO number for accepted calls



11.6 SIP Server Register

11.7 Register Server → Server#1



11.8 Server#1

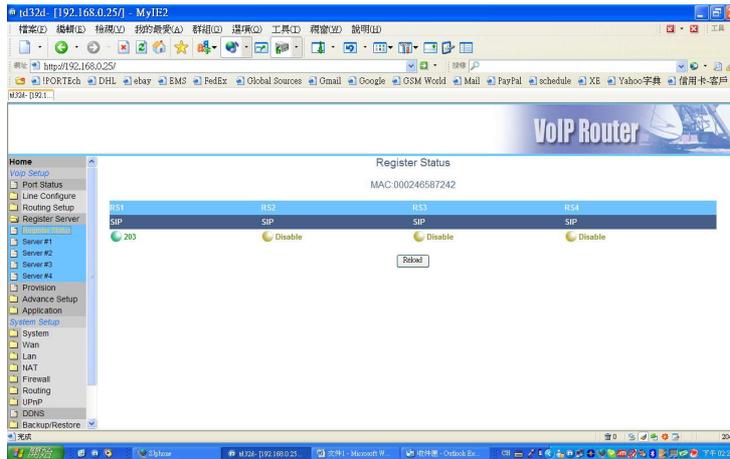
- ◆ Mark “Enable SIP Proxy”
- ◆ SIP Proxy URL: Enter the registered SIP Server IP
- ◆ Port: If you need to register more than one SIP server with Dynamic IP, you must change the parameter of “Port” setting.
- ◆ Account, password: Enter your own account and password

NOTE: Basically, you only setup for above five parameters

11.9 Register Status

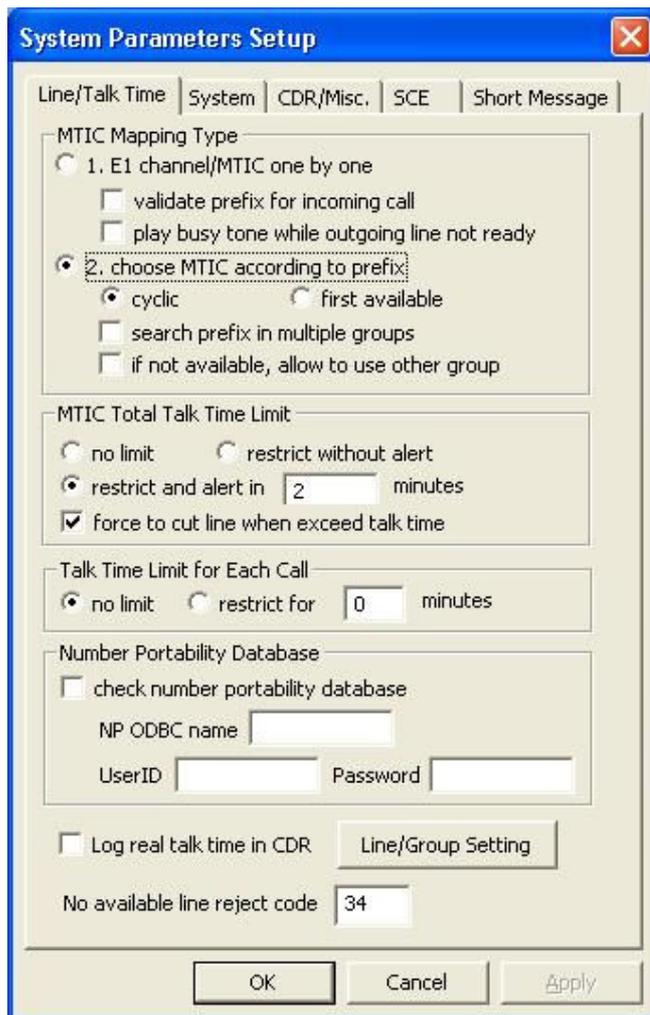
- ◆ E.g. If you finished setting Server#1, your RS1 will be in green mode

- ◆ The P-gateway “Ready” light on DMT-V will also in blue mode



12. DMT-V System Parameters Setup

12.1 Line/Talk Times



12.1.1 MTIC Mapping Type

1) E1 Channel/ MTIC one by one

When you select type 1), DMT E1-PRI (channel 0 to 29) will go with MTIC (channel 32 to 62).

- For example, when an incoming call from E1 (channel 0), it will be dialed out from MTIC (channel 32); an incoming call from E1 (channel 1) will be dialed out from MTIC (33); an incoming call from E1 (channel 29) and dialed out from MTIC (61).
- In that way, if MTIC (channel 62) doesn't go with any line of E1, the channel 62 won't be used.

There are two other functions:

- Validate prefix for incoming call: to select incoming call by prefix number.
- Play busy tone while outgoing line not ready: if MTIC is not ready, E1 Channel will answer busy tone.

2) Choose MTIC according to prefix

When you select type 2), E1-PRI will dial out the call according to prefix groups of MTIC; and divided into "cyclic" and "first available"

There are two other functions:

- Search prefix in multiple groups
- If not available, allow to use other group

12.1.2 MTIC Total Talk Time Limit

You can setup talk time limit for each MTIC SIM Card.

- Not limit
- Restrict without alert
- Restrict and alert in () minutes

*E.g. when user reaches the talk time limit, it will send out DO DO tone to alert

*force to cut line when exceed talk time

12.1.3 Talk Time Limit for Each Call

In this type, you can select to setup the limit minutes of each talk.

12.1.4 Number Portability Database

In this part, you can check number portability databases

- If yes, you need to input User ID and Password

12.1.5 Log real talk time in CDR

To setup the real talk time minutes in CDR

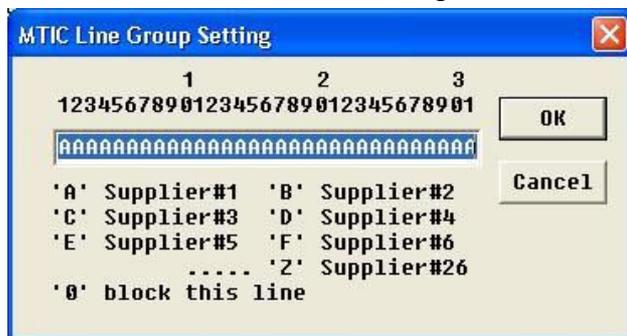
- If you don't mark this, the system will write your billing charge according to your GSM operator into CDR database

12.1.6 Not available line reject code

- When there's incoming call from E1 but cant' find any available MTIC line, it will report to Protocol Q931

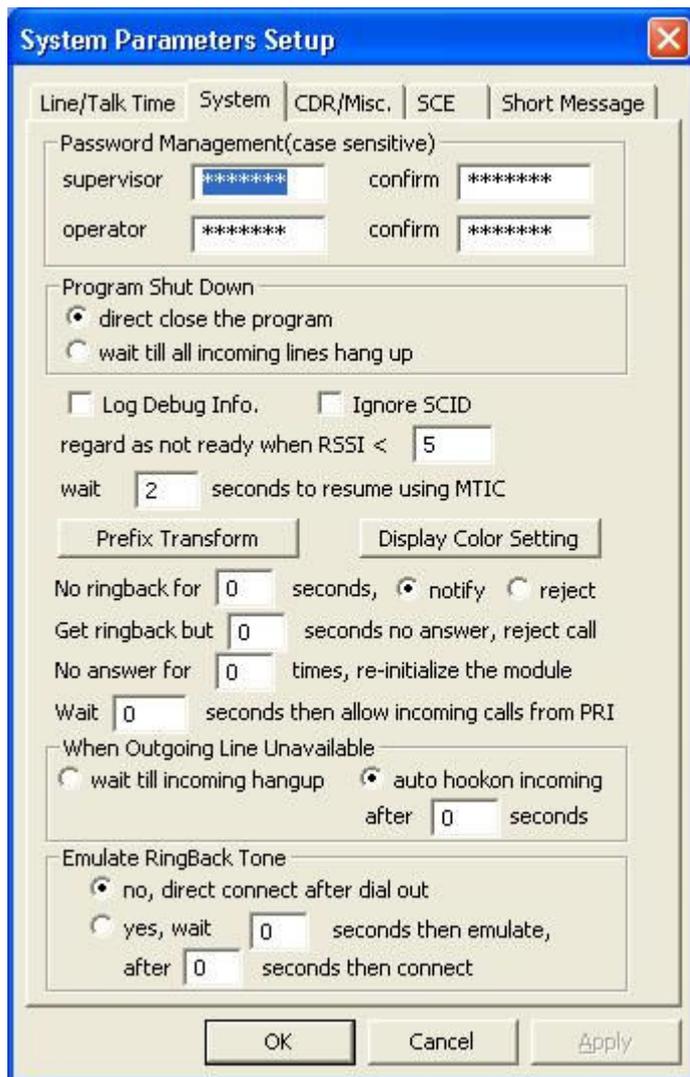
12.1.7 Line / Group Settings:

Here's screen shot showing all the setting



- You can make open use and line group setting for 31 ports of MTIC.
- If you put "0", the line will be blocked.
- Total: 26 groups (A to Z)

12.2 System



12.2.1 Password Management

Please input a series password to enter DMT-V

- There are two password managements: “Supervisor” and “Operator”
- When “operator” is selected, the user can’t revise any parameters in the system, only checking data is available.

12.2.2 Program Shut Down

- Direct close the program: the user can direct end the all system.
- Wait till all incoming lines hang up: Until all incoming lines hang up, the user may close the system.

12.2.3 Log Debug Info

- When you mark this, DMT-V will automatically save all the following process for debug
- Remember to close this function when log debug is done because it will take lots of CPU-Time and Discs Space.

12.2.4 Ignore SCID

Normally, after registering GSM operator, the SIM Card message will be showed up during MTIC process.

- If mark it, you can choose to show SIM Card information or not when MTIC is starting.
- Otherwise, MTIC will be ready while registering is done.

12.2.5 Regard as not ready when RSSI < 5

MTIC will show the intension of internet signal, and the maximum will be 31

- E.g. MTIC should not be used when the signal value is under 5.

12.2.6 Wait 2 seconds to resume using MTIC

- E.g. MTIC will wait for 2 seconds after another call coming

12.2.7 Prefix Transform

Here is screen shot in this parameter:



To setup Mobile Number with “Subtract” and “Add” function:

- E.g. As the above picture, the setup value is -886+0
So when E1 receive the number “8869331234”, it will transfer the number to “09331234” and dial out.

12.2.8 Display Color Setting

You can use your favorite colors to indicate DMT-V free time and answers status.

12.2.9 No ringback for 0 seconds notify or reject

To setup the ringback seconds while MTIC is dialing out.

- To Notify Do Do alert or Reject the calls when there's no answer within setting time
- E.g. If the setup value is 0, it won't response any ringback.

12.2.10 Get ringback but 0 seconds no answer , reject call

To setup the response within ringback seconds while MTIC is dialing out

- To Reject the calls when there's no answer within setting time
- E.g. If the set value is 0, it won't response any ringback.

12.2.11 No answer for 0 times , re-initialize the module

- When there's continuous no answers for couple times, it will re-initialize the MTIC system.
- E.g. If the value is 0, it won't make the difference.

12.2.12 Wait 0 seconds then allow incoming calls from PRI

- To setup the waiting seconds to allow incoming calls while DMT-V system is settle down.
- Mostly, when DMT-V is done, E1 channel will be ready before MTIC channel.
- In that way, you can adjust the waiting time for MTIC to prepare.

12.2.13 When Outgoing Line Unavailable

- If all MTIC channel are busy and can't go with outgoing E1 channel, you can make the calls to wait till incoming hang up or auto hook on incoming after 0 seconds.

12.2.14 Emulate RingBack Tone

MTIC line will take a little time while receiving the ringback tone.

- By this part, you can emulate ringback tone for this blank time or not
- If yes, you need to setup the period of ringback time after MTIC is dialing out and how long to stop the connection time
- When MTIC is receiving the real ringback tone, the system will automatically stop the emulating tone.

12.3 CDR/Misc.

The screenshot shows the 'System Parameters Setup' dialog box with the 'CDR/Misc.' tab selected. The dialog has a blue title bar and a close button (X) in the top right corner. It contains several sections with various settings:

- Write 'Left Seconds' into SIM Card:** Includes radio buttons for 'disable' (selected), 'when switch SIM card', 'each call', and 'every' (with a text box containing '0' and the label 'minutes').
- E1 Trunk Group Information:** Includes a 'name' text box containing 'EEEEEEEE' and an 'ID' text box containing '1'.
- CDR Backup:** Includes radio buttons for 'disable' (selected) and 'enable, path=' (with an empty text box).
- CDR Database:** Includes a checkbox for 'write CDR into database' (unchecked), a 'CDR ODBC name' text box containing 'CDRDB', a 'UserID' text box containing 'root', and a 'Password' text box.
- Write CDR Information According To:** Includes radio buttons for 'GSM no. entered' and 'SIM Card ID' (selected).
- Speech Codec Bearer Capability(only for Siemens TC35i):** Includes radio buttons for 'Full rate preferred' (selected), 'Half rate preferred', and 'Half rate disabled'.
- Redial When Remote Busy:** Includes a 'Maximum dial' text box containing '1' and the label 'times', and a 'GSM congestion' checkbox.

At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

12.3.1 Write “Left Seconds” into SIM Card

In this part, you can decide whether to write (record) left seconds into SIM card.

- If no, please mark “disable”
- If yes, you can make the record timing; like after each call, when switch SIM card or after every (__) minutes

12.3.2 E1 Trunk Group Information

- Enter the name of DMT-V and ID for your reference

12.3.3 CDR Backup

- If backup is necessary, please mark “enable” and enter the path for CDR backup save.

12.3.4 CDR Database

- Write CDR into database, and put those following information
 - * CDR ODBC name
 - * User ID and password.

12.3.5 Write CDR Information According To

- To decide to write CDR information into GSM no. or SIM Card ID

12.3.6 Speech Codec Bearer Capability(only for Siemens TC35i)

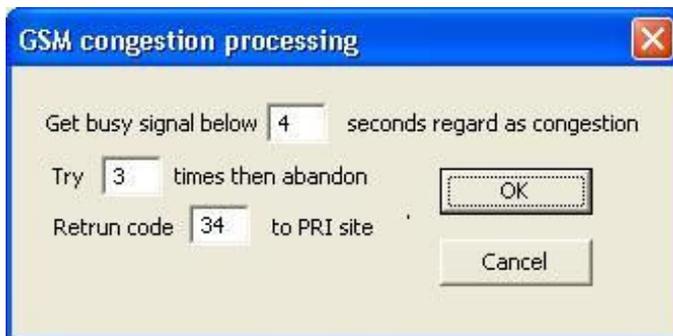
- If your DMT-V is Siemens TC35i, you can use Speech Codec Bearer Capability

12.3.7 Redial When Remote Busy

- To setup remote busy times after MTIC line is dialing out.
- If not, please input 0 for it.

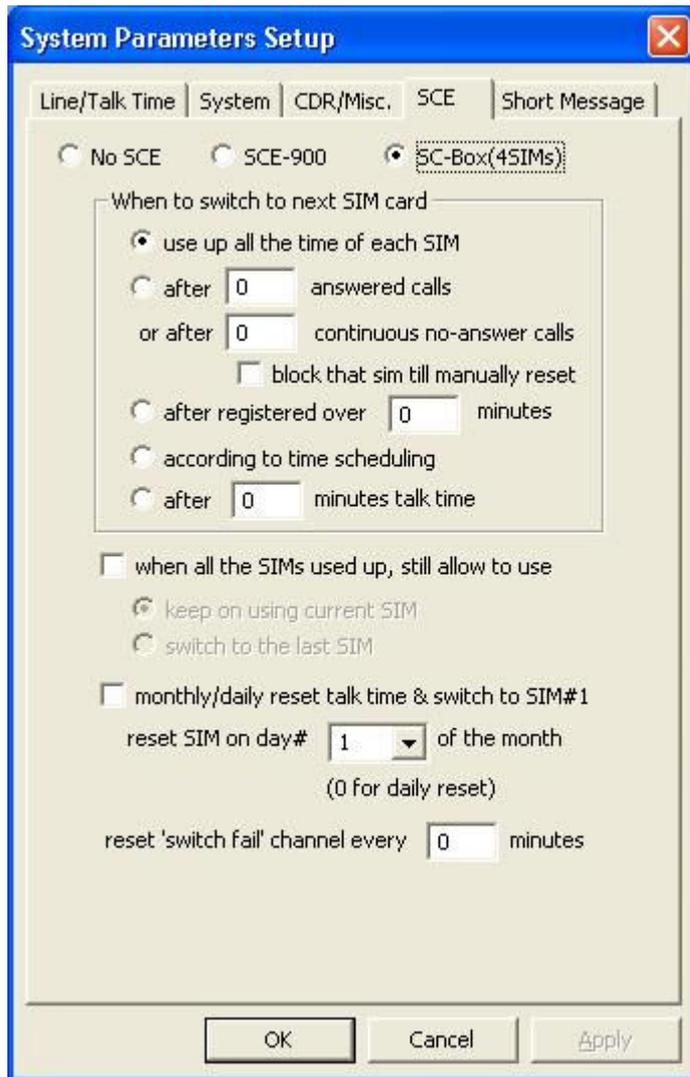
12.3.8 GSM congestion

Here is screen shot in GSM congestion processing



- To define the period of busy signal regard as line congestion
- To try () times then abandon
- To return code () to PRI site

12.4 SCE



12.4.1 To select SCE type to accommodate with DMT-V

- No SCE(SCB)
- SCE-900
- SC-Box

12.4.2 When to switch to next SIM Card

To select the timing when to switch the next SIM card

- Use up all the time of each SIM
- After () answered calls or after () continuous no-answer calls; block that SIM till manually reset
- After registered over () minutes
- According to time schedule
- After () minutes talk time

12.4.3 When all SIMs used up, still allow use

To continue using SIM card while all SIMs card are used up

- If yes, please select keep on using current SIM or switch to the last SIM

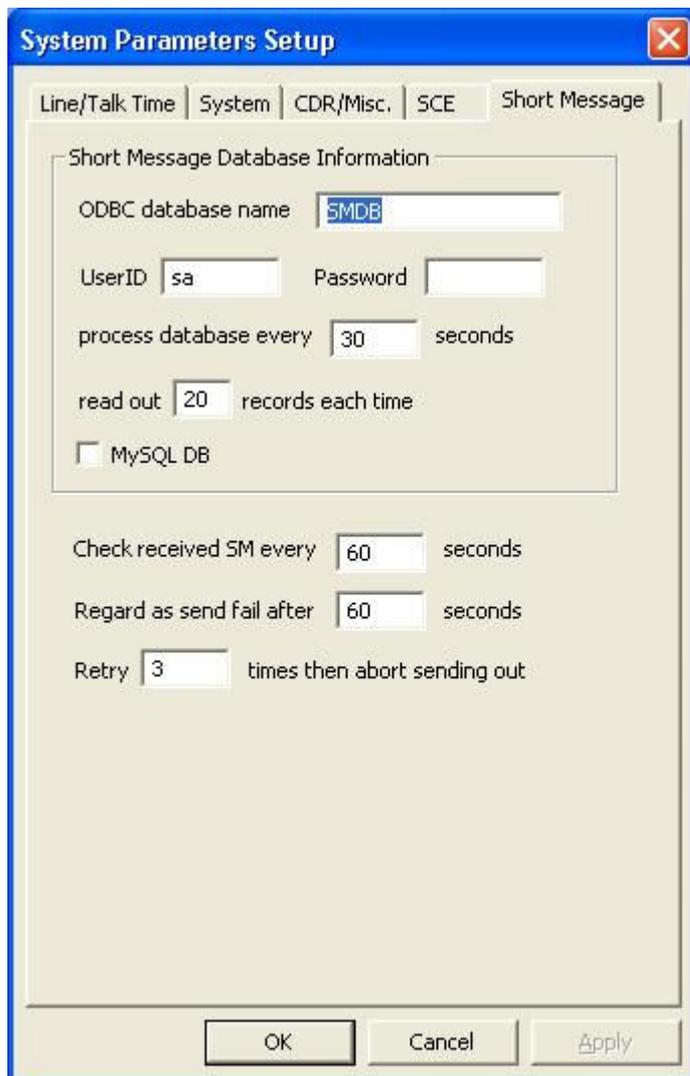
12.4.4 monthly/daily reset talk time & switch to SIM#1

- To setup whether to monthly/daily reset talk time & switch to SIM#1 or not

12.4.5 reset SIM on day# 1 of the month (0 for daily reset)

- To setup the day of the month to reset SIM
- E.g. If you input "0" on it, it will reset SIM talk time everyday

12.5 Short Message



The screenshot shows a Windows-style dialog box titled "System Parameters Setup" with a close button (X) in the top right corner. The dialog has several tabs: "Line/Talk Time", "System", "CDR/Misc.", "SCE", and "Short Message". The "Short Message" tab is selected. Inside the dialog, there is a section titled "Short Message Database Information" which contains the following fields and options:

- ODBC database name:
- UserID: Password:
- process database every: seconds
- read out: records each time
- MySQL DB

Below this section, there are three more fields:

- Check received SM every: seconds
- Regard as send fail after: seconds
- Retry: times then abort sending out

At the bottom of the dialog, there are three buttons: "OK", "Cancel", and "Apply".

12.5.1 Short Message Database Information

- In this part, you can setup the type of short message: ODBC or SQL
- User ID and password
- process database every () seconds
- Read out () records each time

12.5.2 Check received SIM every () seconds

- E.g. If you input 60, it will check received SM every 60 seconds

12.5.3 Regard as send fail after 60 seconds Retry 3 times then abort sending out

- if short message is failed, you can setup the retry seconds and times

13. MT Group Setting

The screenshot shows the 'MT Group Setting' dialog box. It features a title bar with a close button. The main area includes a 'Group ID' dropdown menu, a 'Hide CLID' checkbox, a 'Prefix' field containing '09', and a list box below it. There are two '-->' buttons for moving items between the prefix field and the list box. Below the list box is an 'OK' button and a 'Cancel' button. At the bottom, there is a 'Remark' text field and a 'Charge Unit' section with two rows: 'minimum charge' and 'next interval', each with a text input field containing '1' and the unit 'second(s)'.

In the setting, you have to define the group ID for number prefix

- If you select "Hide CLID", MTIC line will send out like hidden call with #31# number
- Besides that, you need to setup the Charge Unit for minimum charge seconds and next interval seconds

For example : set 620 = 6200 to 6209

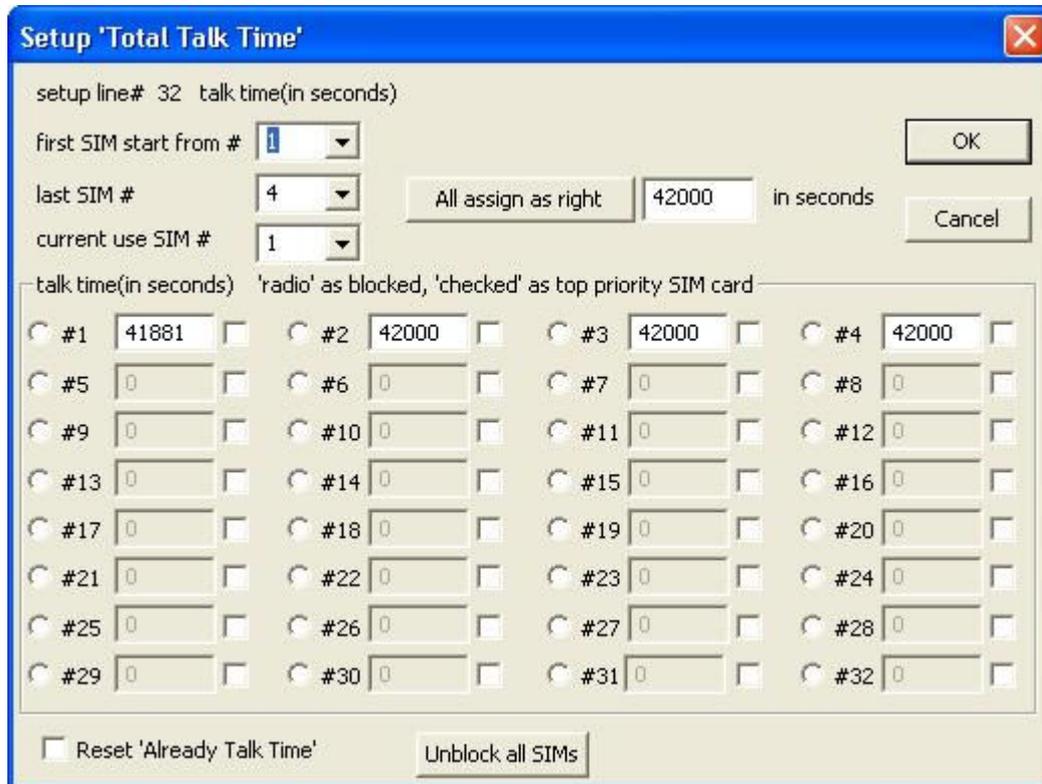
This Settings of prefix: Maximum 1000 Prefix.

13.1 Here's the DMT-V screen shot while you click the right button on the mouse:

LNo/Attr.	GSM Information	SIM Card ID	Status	Left Seco...	Start Tm.	Elapse	CLID	Transfer No.	Conn.	Talk Tm.	Duration	Ans/Use
0 Voip-Trunk			Idle									0/0
1 Voip-Trunk			Idle									0/0
2 Voip-Trunk			Idle									0/0
3 Voip-Trunk			Idle									0/0
4 Voip-Trunk			Idle									0/0
5 Voip-Trunk			Idle									0/0
6 Voip-Trunk			Idle									0/0
7 Voip-Trunk			Idle									0/0
8 Voip-Trunk			Idle									0/0
9 Voip-Trunk			Idle									0/0
10 Voip-Trunk			Idle									0/0
11 Voip-Trunk			Idle									0/0
12 Voip-Trunk			Idle									0/0
13 Voip-Trunk			Idle								1/2	
14 Voip-Trunk			Idle								1/1	
15 Voip-Trunk			Idle								1/1	
16 Voip-Trunk			Idle								0/0	
17 Voip-Trunk	Reset Mismatched Left Seconds		Idle								0/0	
18 Voip-Trunk	Reset Switch-Fail Lines		Idle								0/0	
19 Voip-Trunk	Change New SIM Card (Single Line)		Idle								0/0	
20 Voip-Trunk	Change New SIM Card (Multi Lines)		Idle								0/0	
21 Voip-Trunk	Scheduling to Switch SIM Card (Multi Lines)		Idle								0/0	
22 Voip-Trunk	Monthly/Daily Reset Talk Time		Talk		10:53:15	19(9)	906	0937183881	32	10:53:27	8	2/2
23 Voip-Trunk	Pause Use		Idle								0/0	
24 Voip-Trunk	Resume Use		Idle								1/1	
25 Voip-Trunk	Edit GSM Number		Idle								0/0	
26 Voip-Trunk	Force to Cut Off Line		Idle								0/0	
27 Voip-Trunk	GSM Income Handle Strategy		Idle								0/0	
28 Voip-Trunk			Idle								0/0	
29 Voip-Trunk			Idle								0/0	
32 Trunk-A 1 h	25 Chungghwa	89886920027025908522	Talk	41985	10:53:15	19(9)		0937183881	22	10:53:27	8	2/2
33 Trunk-A 2 h			Wait switch ok(0)	42000								0/0
34 Trunk-A 3 h			Wait switch ok(0)	42000								0/0
35 Trunk-A 4 h			Wait switch ok(0)	42000								0/0
36 Trunk-A 5 h			Wait switch ok(0)	42000								0/0
37 Trunk-A 6 h			Wait switch ok(0)	42000								0/0
38 Trunk-A 7 h			Wait switch ok(0)	42000								0/0
39 Trunk-A 8 h			Wait switch ok(0)	42000								0/0
40 Trunk-A 9 h			Wait switch ok(0)	42000								0/0
41 Trunk-A 10 h			Wait switch ok(0)	42000								0/0
42 Trunk-A 11 h			Wait switch ok(0)	42000								0/0
43 Trunk-A 12 h			Wait switch ok(0)	42000								0/0
44 Trunk-A 13 h			Wait switch ok(0)	42000								0/0
45 Trunk-A 14 h			Wait switch ok(0)	42000								0/0
46 Trunk-A 15 h			Wait switch ok(0)	42000								0/0
47 Trunk-A 16 h			Wait switch ok(0)	42000								0/0
48 Trunk-A 17 h			Wait switch ok(0)	42000								0/0

13.2 There are several extra functions as follows:

13.2.1 Change New SIM Card (Single Line) — see the picture below



Please Notice:

The symbol of means “radio as blocked

The symbol of means “check as top priority SIM card

- E.g. If is marked in #1, SIM card #1 won't be blocked
- E.g. If is marked in #1, SIM card #1 will be the first priority

13.2.2 Change New SIM Card (Multi Lines) — see the picture below



13.2.3 Scheduling to Switch SIM Card (Multi Lines) — see the picture below

	Day Of Week	Start Time	End Time		Day Of Week	Start Time	End Time
#1	1111111	0800	~ 1959	#2	1111111	2000	~ 0759
#3			~	#4			~
#5			~	#6			~
#7			~	#8			~
#9			~	#10			~
#11			~	#12			~
#13			~	#14			~
#15			~	#16			~
#17			~	#18			~
#19			~	#20			~
#21			~	#22			~
#23			~	#24			~
#25			~	#26			~
#27			~	#28			~
#29			~	#30			~
#31			~	#32			~

Example Day Of Week '1010101' for Sunday, Tuesday, Thursday, Saturday
StartTime ~ EndTime '1150' ~ '1459'

OK Cancel

Please Notice:

- Day of Week: The number of “1111111” represents Sunday to Monday, seven “1” means seven days
- If you input “1111111” , it means you need to use the SIM card every day
- E.g. If you don't want to use on Sunday, please input “0111111”

13.2.4 Monthly / Daily Reset Talk Time (Multi Lines) — see the picture below

Setup 'Monthly/Daily Reset Talk Time'

All assign as right | 700 minutes | OK | Cancel

Talk Time(in minutes)

#1	0	#2	0	#3	0	#4	0
#5	0	#6	0	#7	0	#8	0
#9	0	#10	0	#11	0	#12	0
#13	0	#14	0	#15	0	#16	0
#17	0	#18	0	#19	0	#20	0
#21	0	#22	0	#23	0	#24	0
#25	0	#26	0	#27	0	#28	0
#29	0	#30	0	#31	0	#32	0

Reset according to system parameter setting

reset SIM on day# 1 of the month

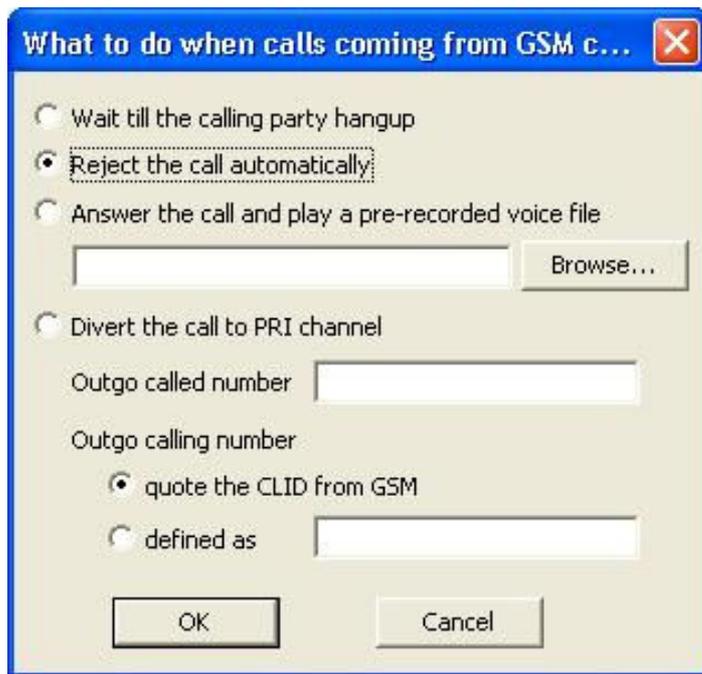
13.2.5 Edit GSM Number — see the picture below

Setup GSM Information for This Channel

Channel Remark | OK | Cancel

Ch#	Mobile Number	SIM Remark	Ch#	Mobile Number	SIM Remark
SIM 1			SIM 17		
SIM 2			SIM 18		
SIM 3			SIM 19		
SIM 4			SIM 20		
SIM 5			SIM 21		
SIM 6			SIM 22		
SIM 7			SIM 23		
SIM 8			SIM 24		
SIM 9			SIM 25		
SIM 10			SIM 26		
SIM 11			SIM 27		
SIM 12			SIM 28		
SIM 13			SIM 29		
SIM 14			SIM 30		
SIM 15			SIM 31		
SIM 16			SIM 32		

13.2.6 GSM Income Handle Strategy— see the picture below



There are four options when calls coming from MTIC line

- 1) Wait till the calling party hang up: ignore the call
- 2) Reject the call automatically
- 3) Answer the call and play a pre-recorded voice file
- 4) Divert the call to PRI channel: Transfer function
 - If you select this one, you need to input the “Outgo called number” (called ID) and “Outgo calling number”(calling ID)
 - Outgo calling ID:
 - * quote the CLID from GSM: The calling number will be the same as caller number.
 - * defined as: Input any number you’d like to be calling number

14. Q&A

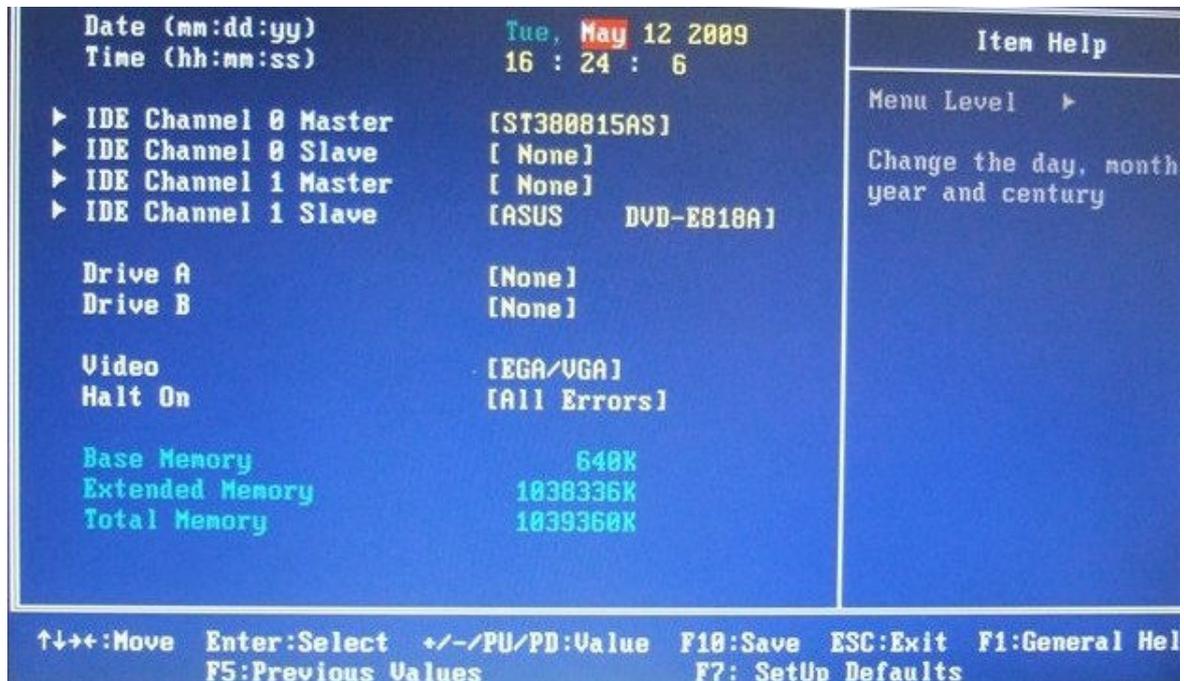
Q1: How to setup Bio system?

A1: Please follow the 12 steps as following pictures

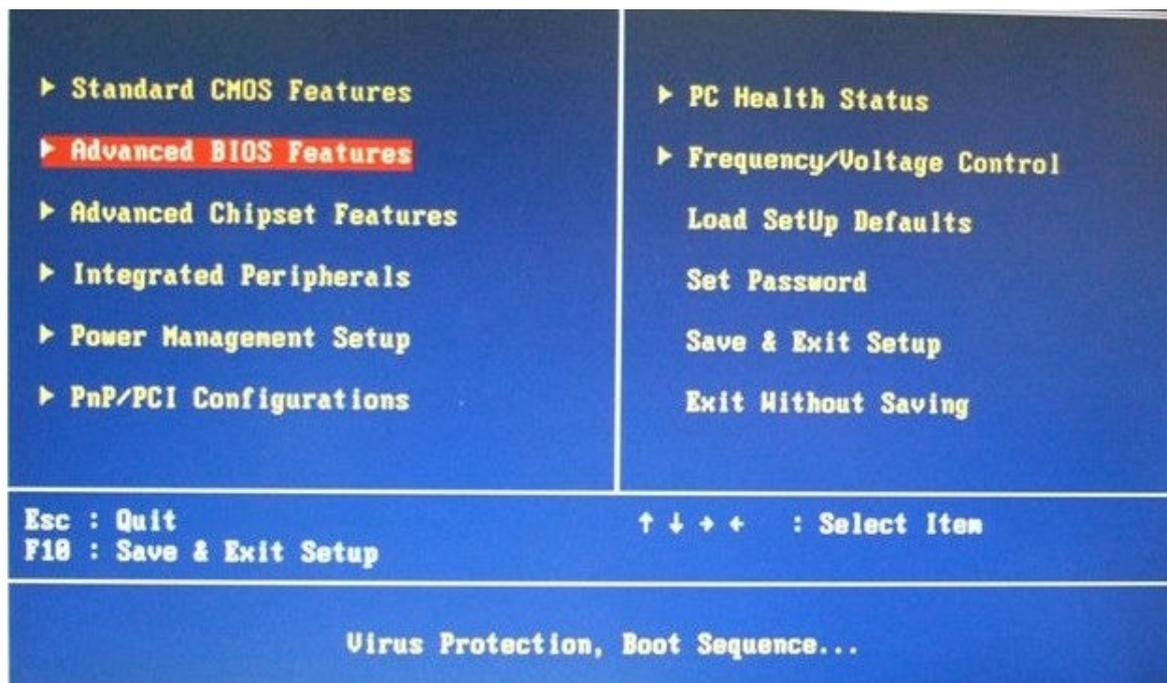
Step 1:



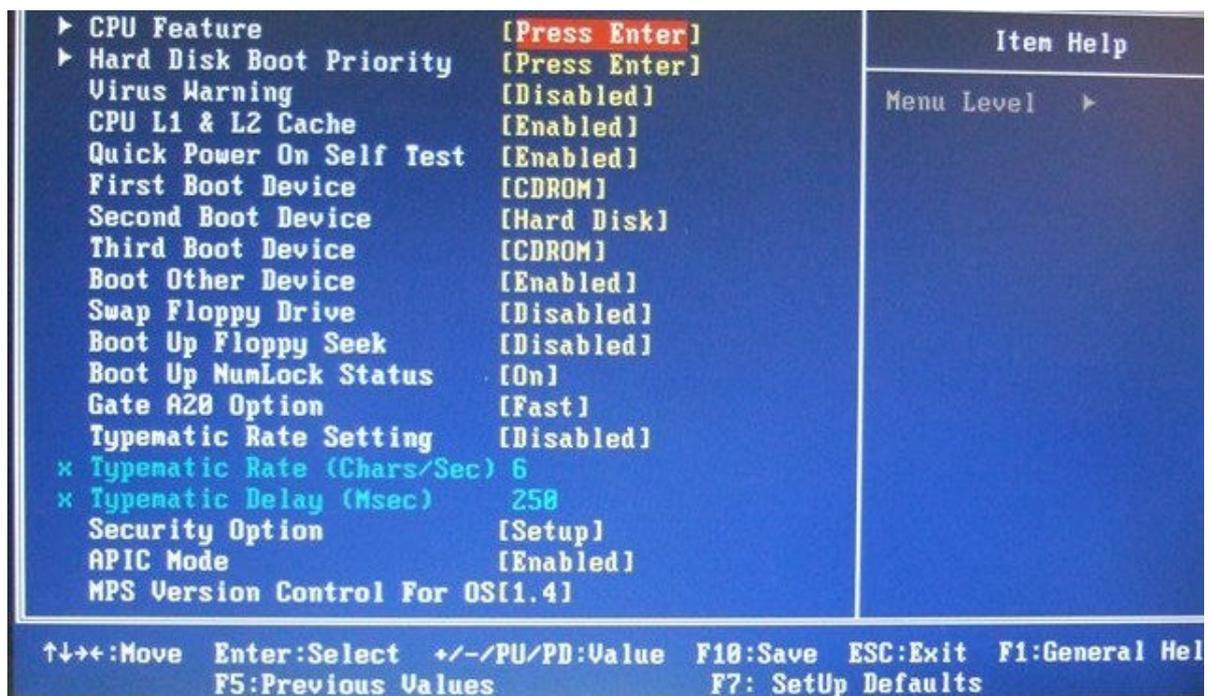
Step 2:



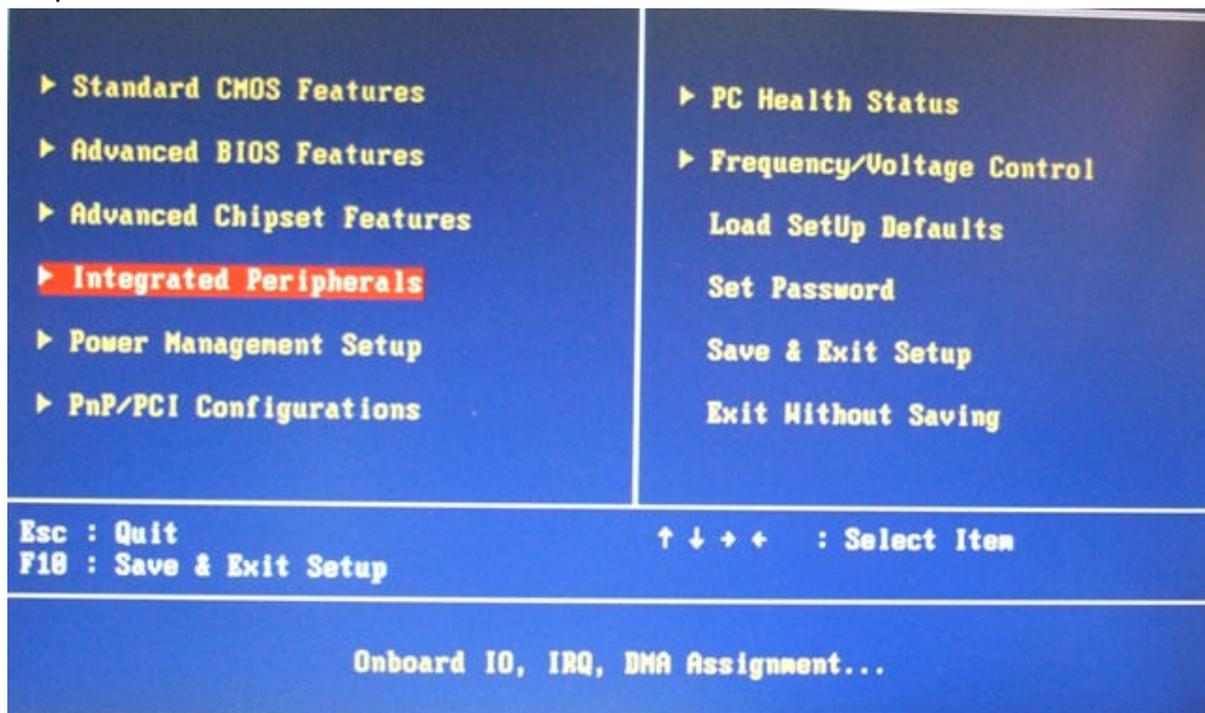
Step 3:



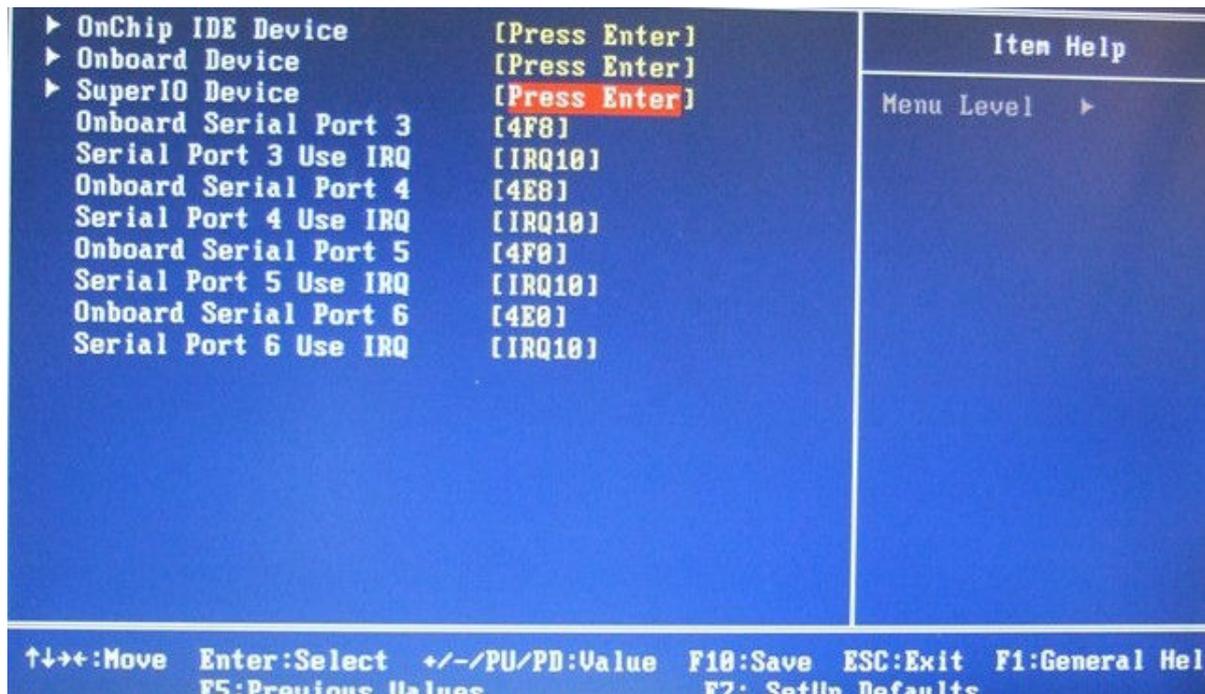
Step 4:



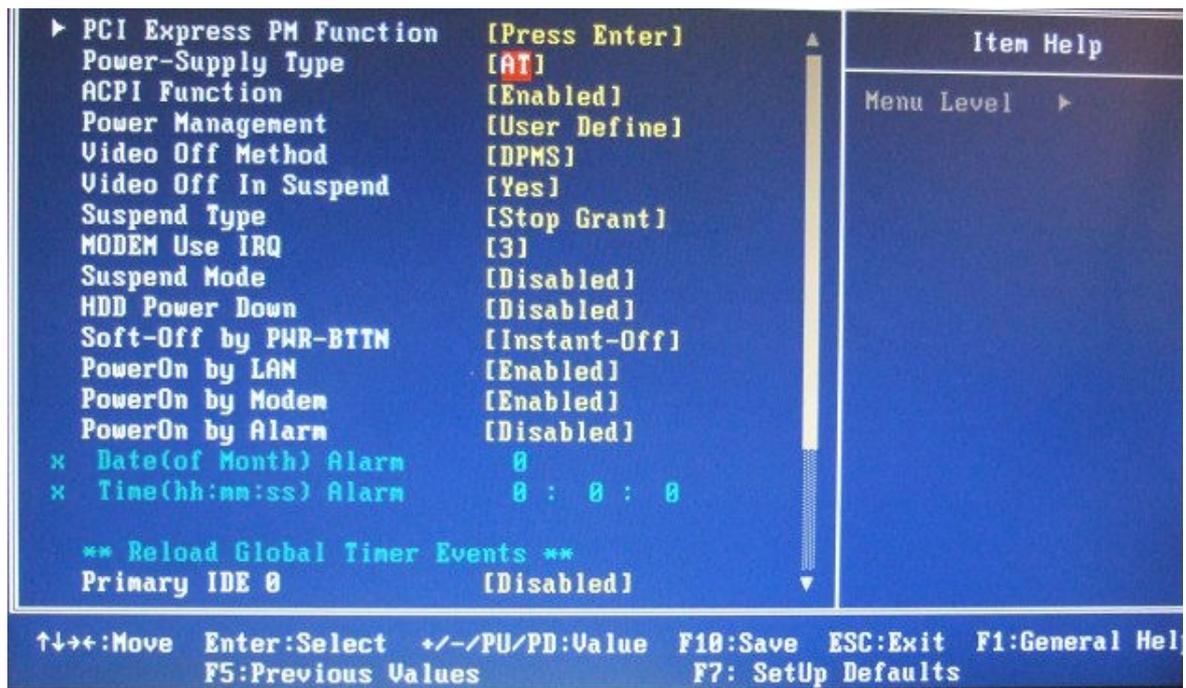
Step 5:



Step 6:



Step 9:



Step 10:



Q2: How to setup DMT-V's XP embedded System Recovery Recommend?

A2:

- 1) Put the Recover CD into DMT-V
- 2) Turn off the power
- 3) Power on and press any key to continue

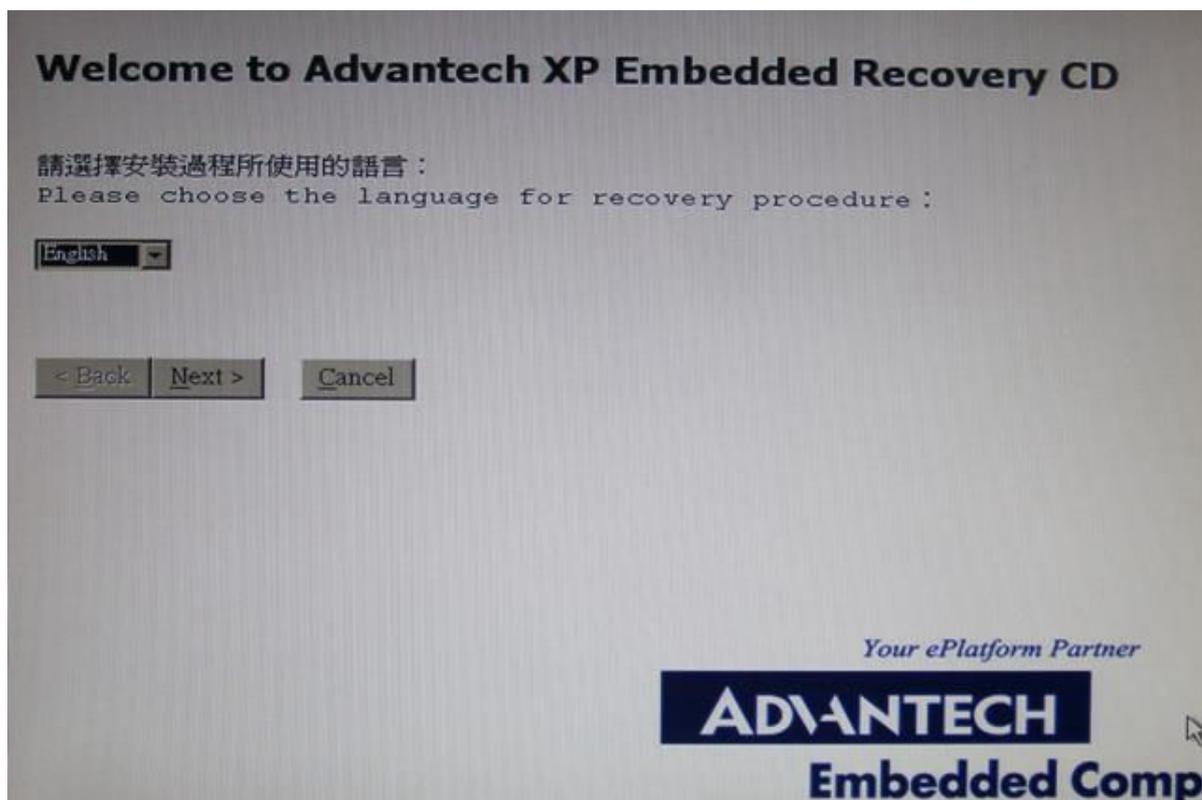
```
Pri. Slave Disk : None
Sec. Master Disk : None
Sec. Slave Disk : DVD,MODE 5

PCI device listing ...
Bus No. Device No. Func No. Vendor/Device Class Device Class IRQ
-----
0 2 0 8086 2592 0300 Display Cntrlr 9
0 29 0 8086 2658 0C03 USB 1.0/1.1 UHCI Cntrlr 5
0 29 1 8086 2659 0C03 USB 1.0/1.1 UHCI Cntrlr 11
0 29 2 8086 265A 0C03 USB 1.0/1.1 UHCI Cntrlr 9
0 29 3 8086 265B 0C03 USB 1.0/1.1 UHCI Cntrlr 9
0 29 7 8086 265C 0C03 USB 2.0 EHCI Cntrlr 5
0 31 2 8086 2653 0101 IDE Cntrlr 14
0 31 3 8086 266A 0C05 SMBus Cntrlr 11
1 0 0 10EC 8168 0200 Network Cntrlr 9
2 0 0 10EC 8168 0200 Network Cntrlr 5
ACPI Controller 9

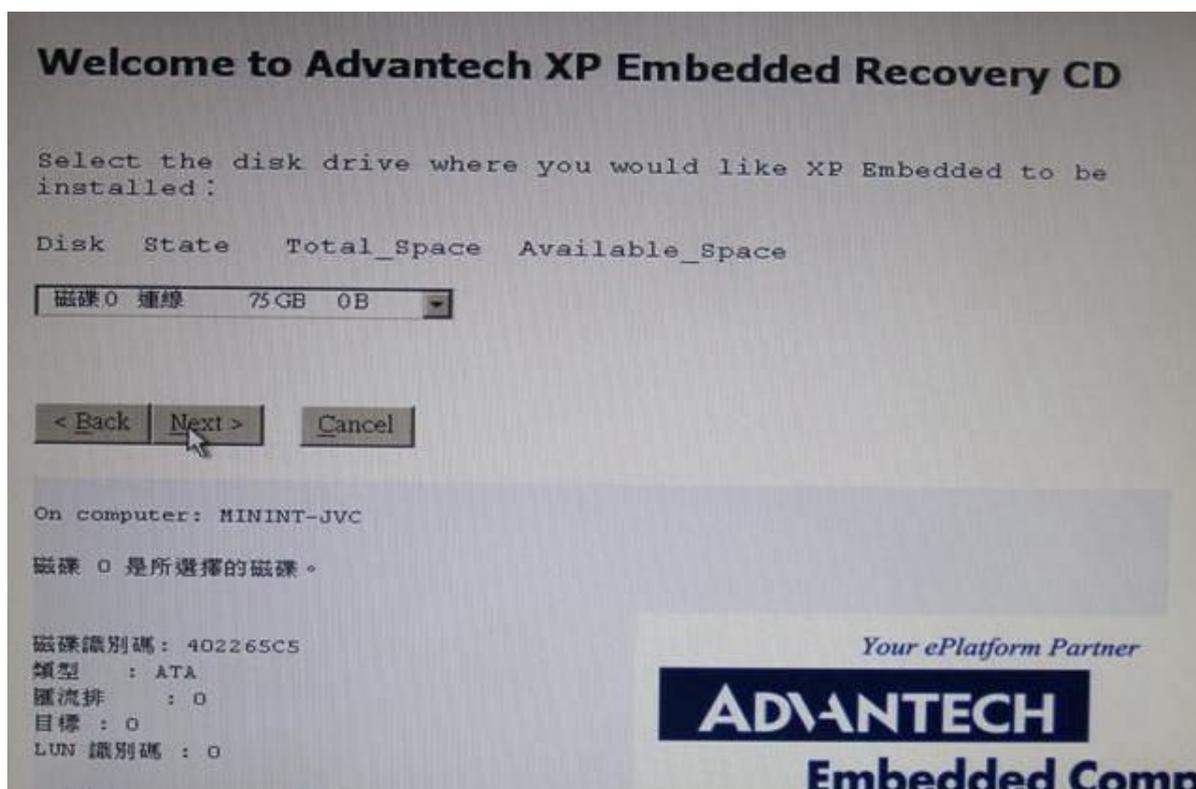
Verifying DMI Pool Data .....
Boot from CD :

Press any key to boot from CD...
```

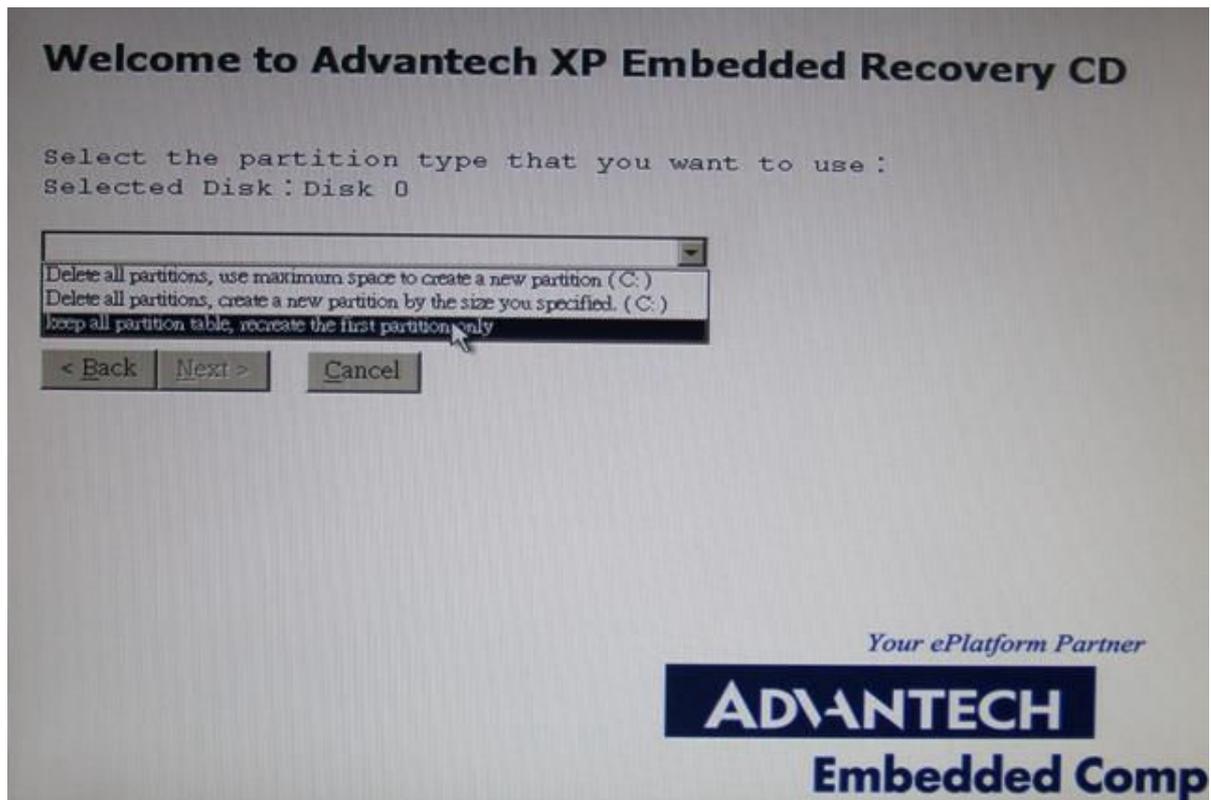
- 4) Welcome to Advanced XP Embedded Recovery CD: choose “English” version, and click “next”



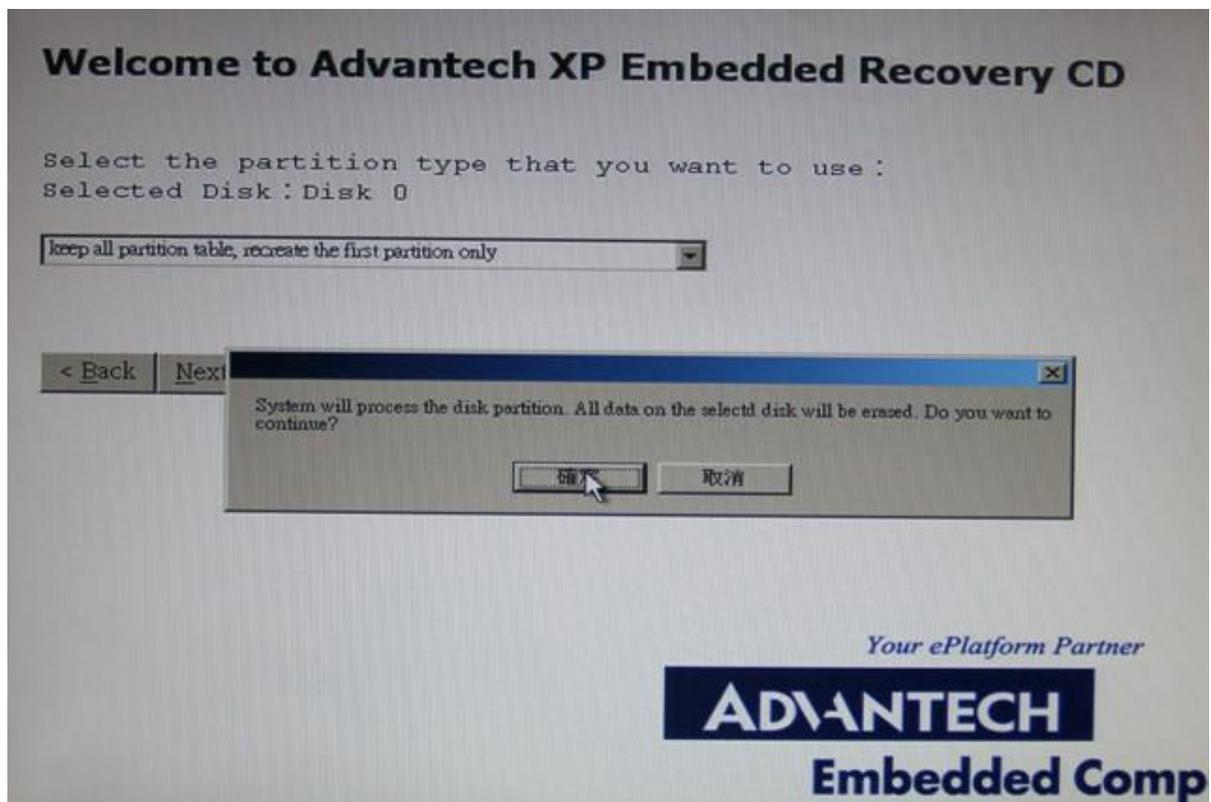
- 5) Disc State: Choose HardDisk 75G 0B, and “next”



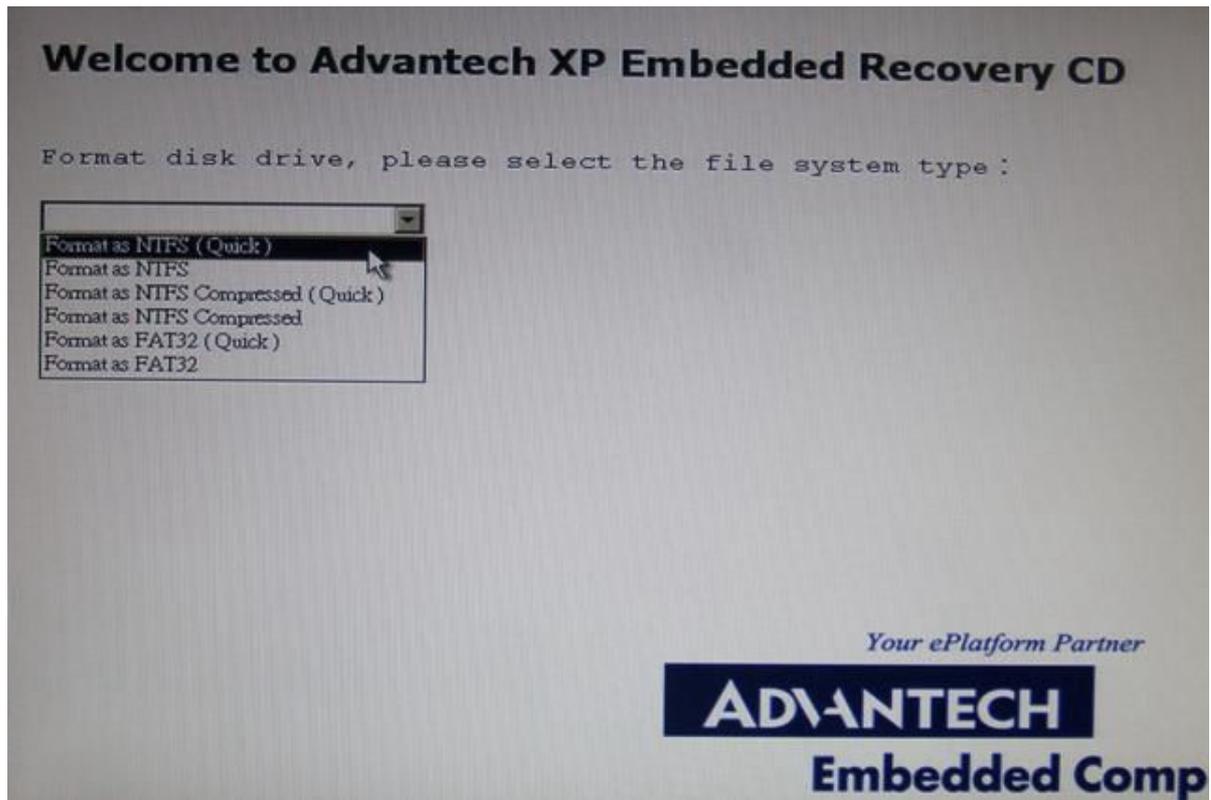
6) Select Disk: choose “Keep all partition table, recreate the first partition only”



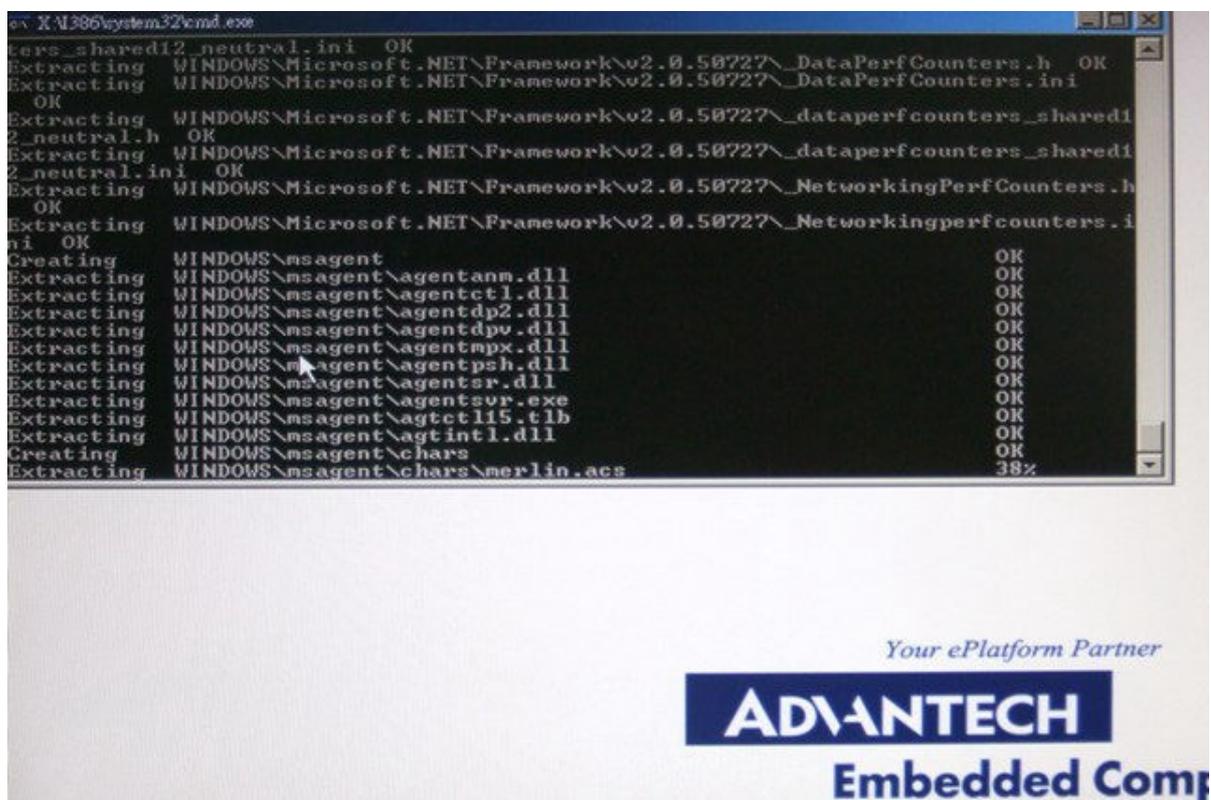
7) Click “yes” to continue



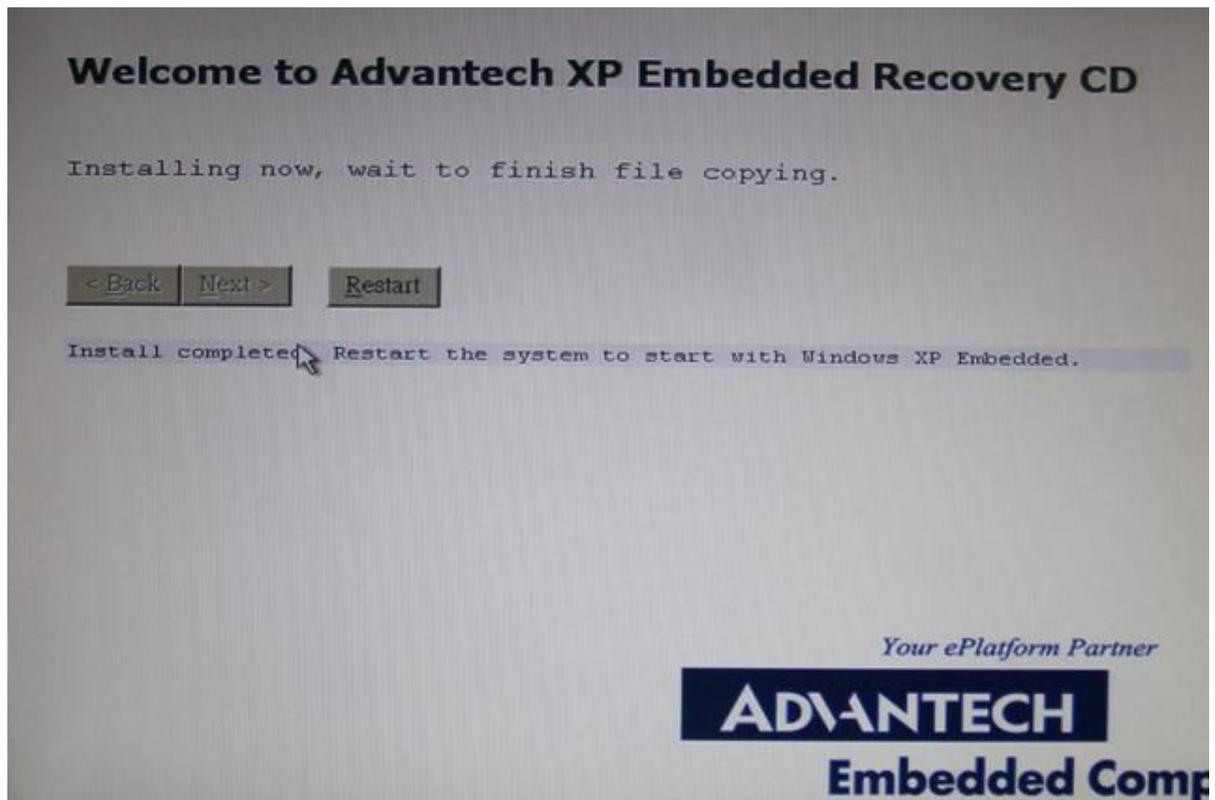
8) Format Disk Drive: choose "Format as NTFS (quick)"



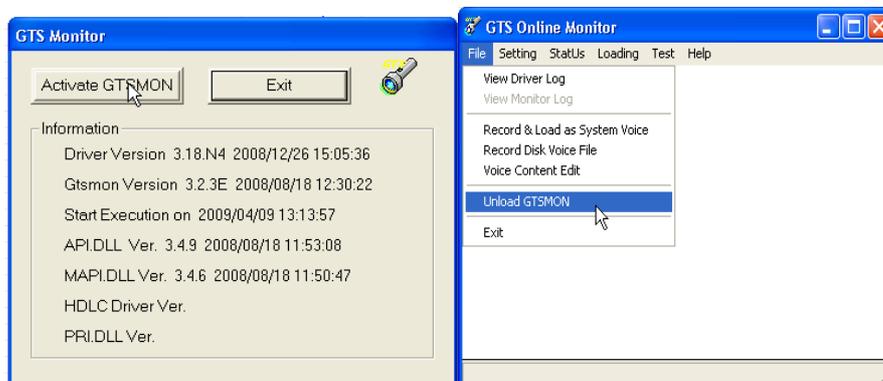
9) Wait for about 10 minutes to run the system



10) When download is complete, click “Restart” for continuing.

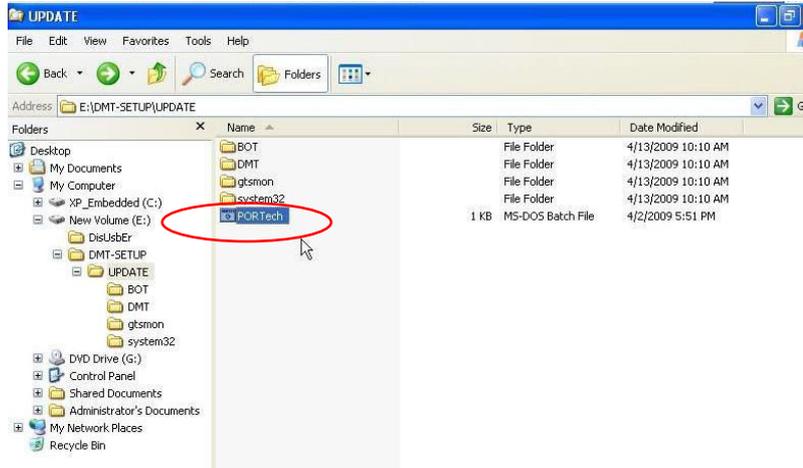


11) Upload: After the recovery is done, you need to upload both DMT exe. and GTS MON



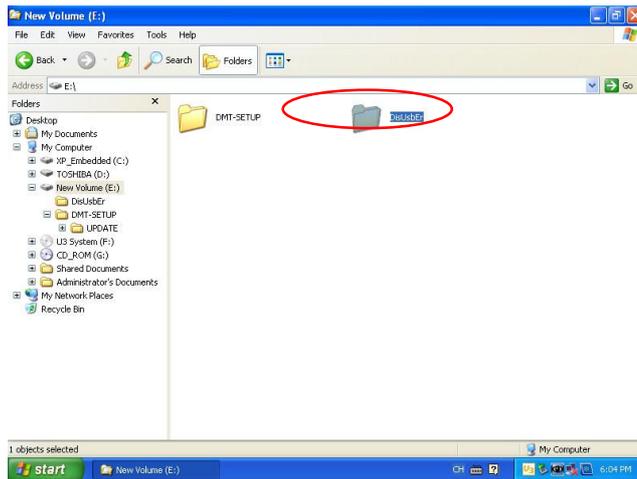
12) DMT-V -setup

- ◆ E:\DMT-SETUP\UPDATE
- ◆ Run PORTech

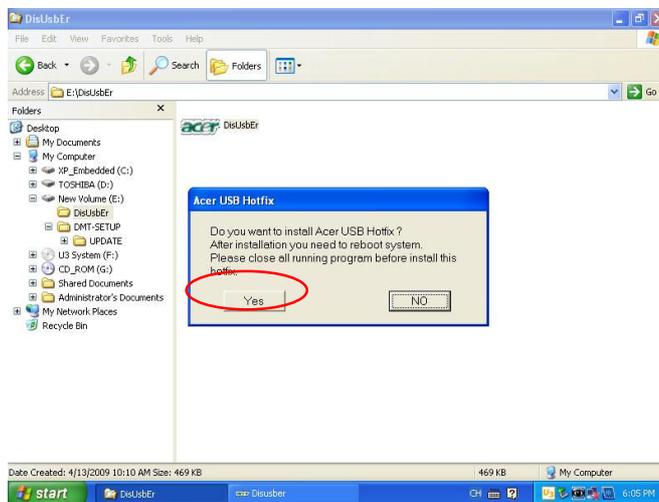


13) DisUSBer

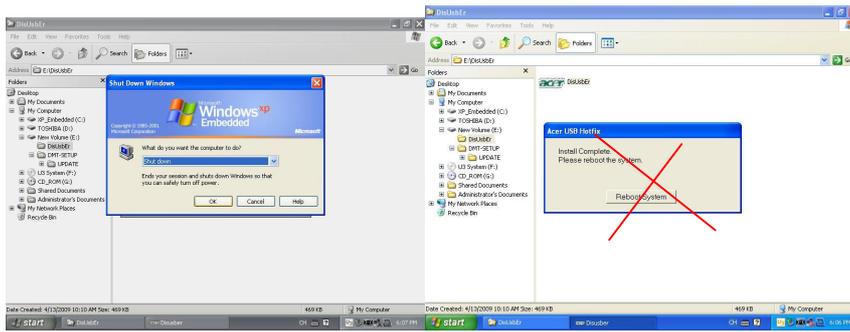
- ◆ E:\DisUSBer (Fix USB bug for 6008 motherboard)



- ◆ Run DisUSBer, and click "yes"



- ◆ Go to “Shut down” instead of “Reboot System”



13) Turn on the DMT-V and take out the Disc

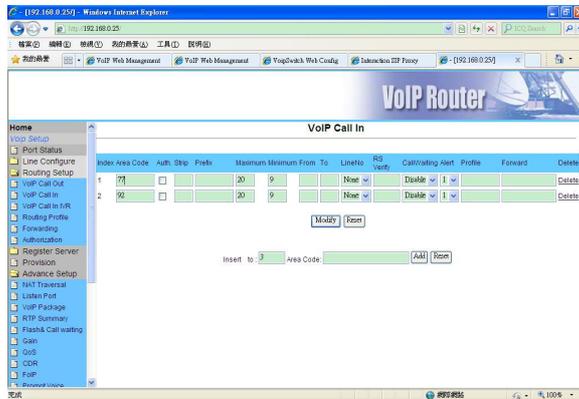
14) All done

Q3: How to setup Prefix number?

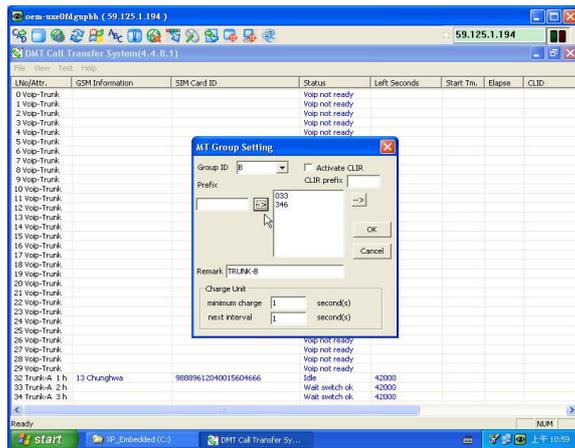
A3: For example, to setup 2 sets of area code and 3 groups:

1. Please enter [http:// 192.168.0.25](http://192.168.0.25) (p-gateway default IP) on Windows Explore or enter [http:// 192.168.0.25](http://192.168.0.25) on IE.

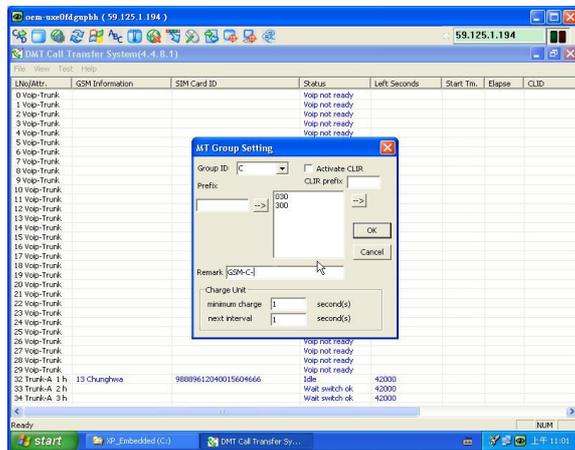
2. To click Routing Setup to VoIP Call in,



4) To setup area code of Group B

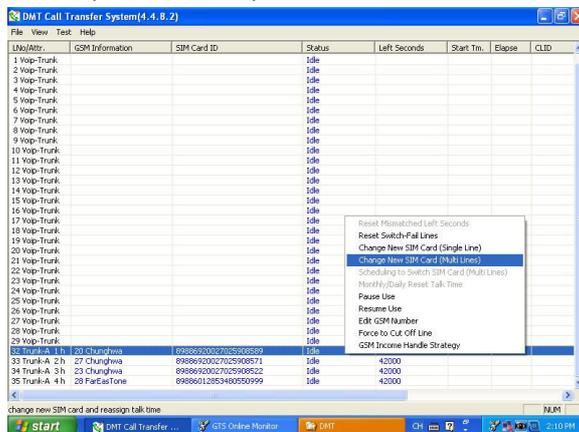


5) To setup area code of Group C



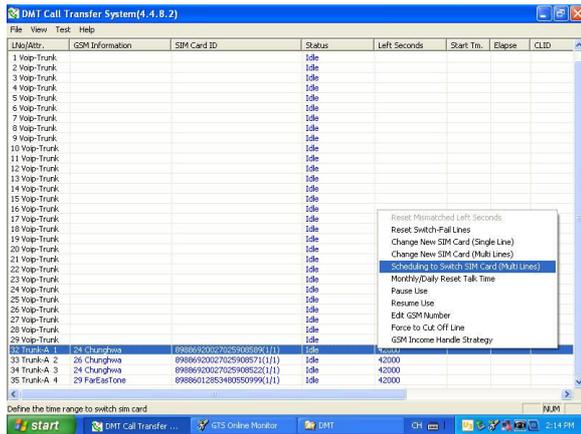
Q5: How to change SIM Card?

A5: Please click the right button on the mouse, and choose “change New SIM Card (Multi Lines)”.

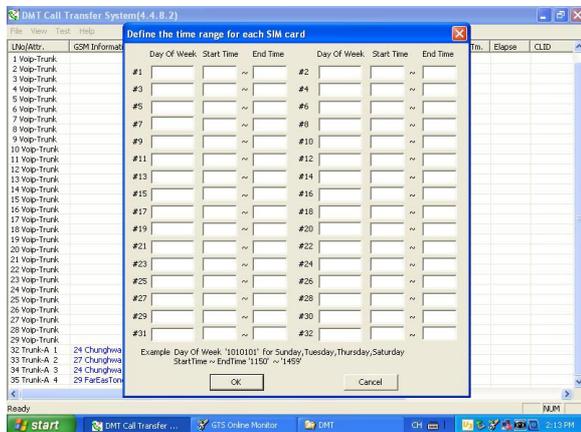


Note: If you use SCBOX or SCE900, you can schedule SIM Card’s working days and times as follows:

1) Scheduling to Switch SIM Card(Multi Lines)



2) Define the time range for each SIM Card



Q6: Why can't make the call?

A6: When you setup #31# or *31# as private call, please check with your operator to see if it's available or not.

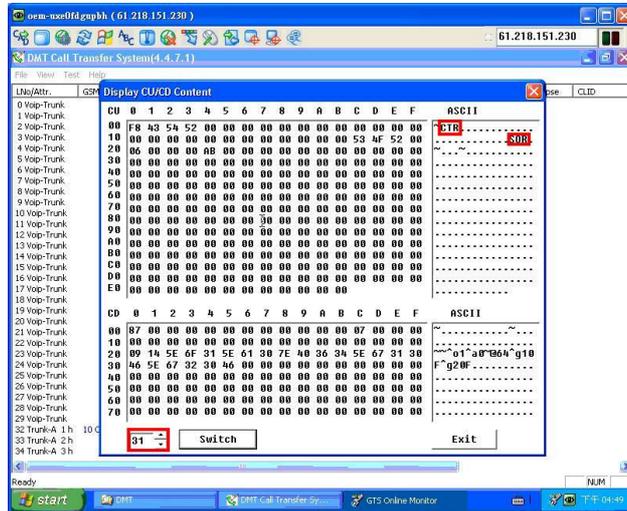
Q7: How to check up system status?

A7: It can be divided into parts: CONTROL; MTIC

1) CONTROL

31(Control-PLCC-VOIP)-status

63(Control)-status



NOTE: If CTR doesn't show up in the monitor like above diagram, it means the control card or GTS card is broken or damaged.

b) MTIC

1)32-62(MTIC)-32~62

NOTE:

AA” shows normal status; if not AA, it means something wrong with the setup

The type of boot file: 3.0 or 2.0

CU	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	ASCII	
00	9D	43	48	4D	56	33	2E	30	00	00	00	00	FF	00	00	00	00	~CHH3.0
10	00	AA	00	00	00	00	00	70	00	00	00	00	53	4F	52	83	~.p.SOR	
20	49	01	49	00	00	00	00	52	54	43	33	35	00	00	00	00	00	I~1. RTC35
30	00	30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.0
40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	5E	53	43	49	44	3A	20	38	39	38	38	36	39	32	30	30	00	SCID: 898869200
70	32	37	30	32	35	39	30	38	35	37	31	00	00	00	00	00	00	27025908571
80	4F	48	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	OK
90	22	43	68	75	6E	67	68	77	61	22	00	00	00	00	00	00	00	"Chunghua"
A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
B0	2B	43	53	51	3A	20	32	30	2C	39	39	00	00	00	00	00	00	+CSQ: 20,99
C0	2B	43	52	45	47	3A	20	30	2C	31	00	30	0D	00	75	6E	00	+CREG: 0,1,0,un
D0	67	68	77	61	22	00	30	00	30	00	00	00	30	0D	30	0D	00	ghua"0"0"
E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

CD 0 1 2 3 4 5 6 7 8 9 A B C D E F ASCII

00 BD FF FF 7E FF FE FF 7D 7E FE FF 7D 07 FF 7E FF }~~~~~}

10 7D FF FF FF 7E FF FF 7E FF FF 7D 7E FF 7E FF 7E }~~~~~}

20 3F 01 3C 3E 1F 41 54 5E 53 43 46 47 3D 22 43 61 ?~<~^AT^SCFG="Ca

30 6C 6C 2F 53 70 65 65 63 68 56 65 72 73 69 6F 6E ll/SpeechVersion

40 31 22 2C 30 3C 92 35 71 F5 83 EF F0 05 72 E5 72 1",0<5q~~~~~}

50 70 02 05 71 53 71 01 02 AC D3 22 E4 FF C2 AC E5 p~qSq~~~~~}

60 6C 65 70 70 04 E5 6B 65 6F 60 19 74 00 25 6C F5 lepp~keo~t.%l

70 82 74 90 35 6B F5 83 E0 FF 05 6C E5 6C 70 02 05 t%Sk~~~~~}

2) If your status shows “ERROR” as follows diagram, it means SIM Card is not functional. Please check if SIM Card has contact fault or not.

DMT Call Tr

Display CLUID Content

CU	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	ASCII	
00	9D	43	48	4D	56	33	2E	30	00	00	00	00	FF	00	00	00	00	~CHH3.0
10	00	AA	00	00	00	00	00	70	00	00	00	00	53	4F	52	83	~.p.SOR	
20	49	01	49	00	00	00	00	52	54	43	33	35	00	00	00	00	00	I~1. RTC35
30	00	30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.0
40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	5E	53	43	49	44	3A	20	38	39	38	38	36	39	32	30	30	00	SCID: 898869200
70	32	37	30	32	35	39	30	38	35	37	31	00	00	00	00	00	00	27025908571
80	4F	48	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	OK
90	22	43	68	75	6E	67	68	77	61	22	00	00	00	00	00	00	00	"Chunghua"
A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
B0	2B	43	53	51	3A	20	32	30	2C	39	39	00	00	00	00	00	00	+CSQ: 25,0
C0	2B	43	52	45	47	3A	20	30	2C	30	00	30	0A	00	3A	3A	00	+CREG: 0,0,0,un
D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
E0	00	3A	00	3A	00	00	00	00	00	00	00	00	00	00	00	00	00	ghua"0"0"

CD 0 1 2 3 4 5 6 7 8 9 A B C D E F ASCII

00 05 00 00 00 00 00 00 00 00 00 00 00 07 00 00 00 }~~~~~}

10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 }~~~~~}

20 47 01 00 1F 41 54 5E 53 43 46 47 3D 22 43 61 ?~<~^AT^SCFG="Ca

30 6C 6C 2F 53 70 65 65 63 68 56 65 72 73 69 6F 6E ll/SpeechVersion

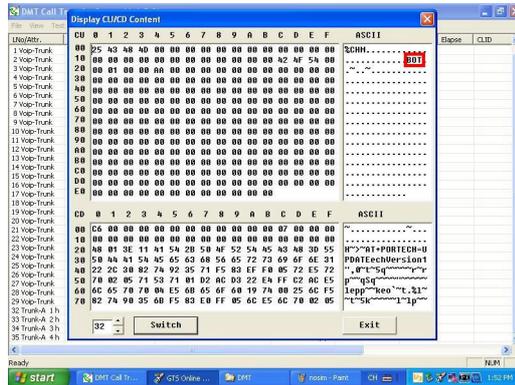
40 22 2C 30 3C 92 35 71 F5 83 EF F0 05 72 E5 72 1",0<5q~~~~~}

50 70 02 05 71 53 71 01 02 AC D3 22 E4 FF C2 AC E5 p~qSq~~~~~}

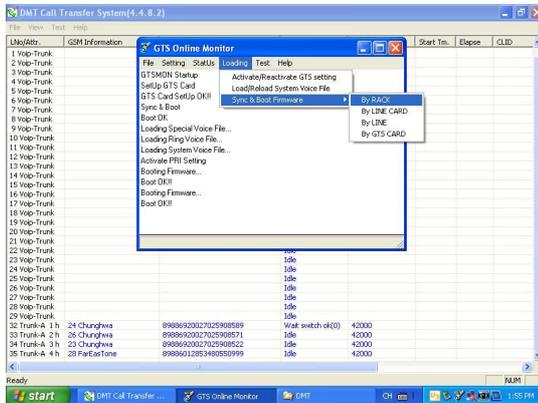
60 6C 65 70 70 04 E5 6B 65 6F 60 19 74 00 25 6C F5 lepp~keo~t.%l

70 82 74 90 35 6B F5 83 E0 FF 05 6C E5 6C 70 02 05 t%Sk~~~~~}

3) If your status shows “BOT” as follows diagram, it means the hardware is broken.

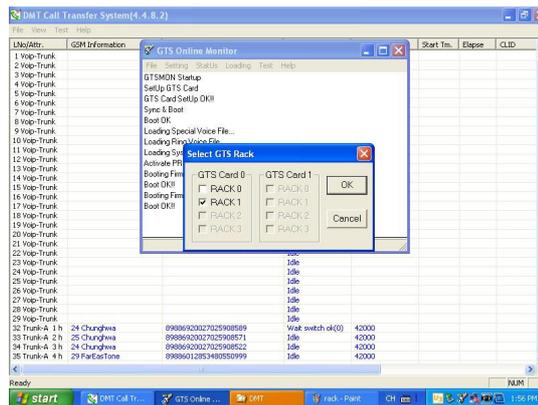


If does, please try to reboot DMT-V and follow these steps.

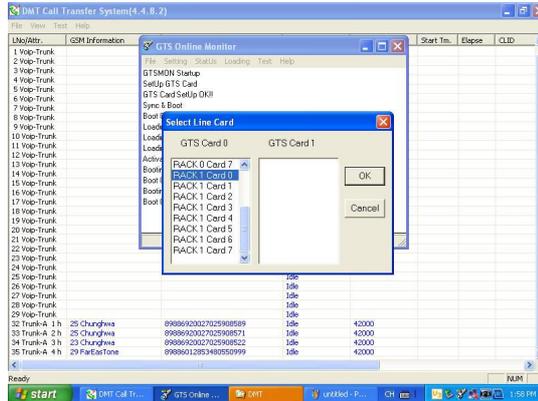


a. By RACK

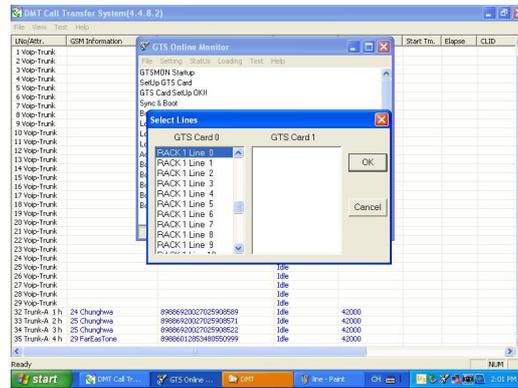
✓ Only choose RACK1



- b. By LINE CARD
 - ✓ Start with RACK1 Card 0



- c. By LINE
 - ✓ Start with RACK1 Card 0



- d. By GTS CARD
 - ✓ Don't make this parameter.

