# **DMT-V**

# **VoIP GSM Channel Bank**

# **User Manual**



# **PORTech Communications Inc.**

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# 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



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 Crtl+Alt+F1 to remove Screen Saver mode

4.3 Back of DMT-V



Connect to monitor, mouse, keyboard, antenna and network cable
 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

🖉 Windows Internet Explorer	
00-	V 4 K Live Search
🚖 🕸 🔿 Connecting	🟠 🔹 🔂 🚽 📑 Page 🕶 🎯 Tools 🕶
	Connect to 192.168.0.25
	R. C.
	The server 192,168.0.25 at , requires a username and password.
	Warning: This server is requesting that your username and password be senit in an insecure manner (basic authentication without a secure connection).
	User name: vojo vojo Password:
	Remember my password
	OK Cancel
S Website found. Waiting for reply	€ 100% -
🐉 start 🛛 😵 DMT Call Tr	💞 GTS Online 🔯 My Docume 🖉 Windows I CH 🖮 🛛 🕇 🌜 💆 🔞 2:00 PM

#### 11.3 Connected IP Type

1) System Setup  $\rightarrow$  Wan  $\rightarrow$ Connected Type



- 2) Dynamic IP Address
- 3) Static IP address
  - \* MTU (576-1500): 1500 (keep default value as possible)

C td32d- [192.168.0.2	25/] - Windows Internet Explorer
🕒 🗸 🖉 http://19	92.168.0.25/ 💙 😽 🗙 Live Search 🔎 -
🚖 🕸 🏀 td32d+[192.)	168.0.25/] 👘 • 🔂 • 🖶 • 🔂 Page • 🕲 Tools • 🎽
	VolP Router
Port Status     Line Configure	Static IP
C Routing Setup Register Server	IP address assigned by your ISP
Provision     Advance Setup	Subnet Mask
System Setup	ISP Gateway Address
System	MTU(576-1500)
Connected Type DNS	Does ISP provide more IP addresses? Yes
Lan NAT	
<ul> <li>Firewall</li> <li>Routing</li> </ul>	OK Cancel
UPnP DDNS	
	🍙 🍚 Internet 🔍 100% 🔹 🤃
start 🛛 😢 🕅	T Call Tr 🖇 GTS Online 🔯 My Docume 🌈 td32d- [19 🛛 OH 🖮 🖬 🖞 🔍 😕 🕉 🦓 🔞 2:05 PM

- 4) PPPoE: ADSL Dial-up
  - \* Only fill in User Name and Password



#### 11.4 DMT-V Call Transfer System

1) Advance Setup  $\rightarrow$  VoIP Package

		•	0
C td32d- [192.168	.0.25/] - Win	dows Internet Explorer	
🌀 💽 👻 http	://192.168.0.25/		V 4 Live Search
🚖 🕸 🍘 td32d-[	192.168.0.25/]		🏠 🔹 🗟 🔹 🖶 🔹 🚱 Page 🔹 🎯 Tools 🔹
			VolP Router
Server #3	A		VoIP Package
Server #4			
Provision Advance Setup		Jitter Buffer Size[20~200] (ms):	60
NAT Traversal		VolP DTME Relay Mode:	In band
Listen Port		DEC2022 Deules deumb	
VolP Package		for DTMF[96~127]	101
RTP Summary Elash& Call waitin	a	RTP Packet NAT Detect E	y: By IP Or By Port 🗸
Gain		Extension Number SIP Header To:	
		Supported SIP 100rel:	
E EOIR		DTD Dacket Monitor Time	
Prompt Voice		Disable](sec)	
Application			
System Setup			Prefered CODEC
🗋 System	Silenc	e	
http://192.168.0.25/left.h	ntm#		🔂 🚇 Internet 🗮 100% 🔹
🐉 start 🛛 😵	DMT Call Tra	🔄 LOG 🖉 L	32d- [192 👸 GTS Online M CH 🖮 😰 🗘 📢 💘 3:43 PM

#### 2) Preferred CODEC:

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					VolP R	outer	Alter C	10
Server #3	^	RTP Disat	Packet Mon ole](sec)	itor Time [0 0				^
Provision								
🔄 Advance Setup		-		Р	refered CODEC			
NAT Traversal		Silence	625-03					
Listen Port		Detection /						
D DTD Summary		Driority	1	2	2	4	5	1500
Elash& Call waiting		a to T	0 700 1	0 700 4	0.711		5	
Gain	=	Codec Type:	G./23.1	G.729A	G./TTu-la	G./11 a-la	w Y INone Y	
D QoS		Packet Time	90 🗸	20 🗸	20 🗸	20 🗸	None 🗸	
CDR		(IIIS).						
FolP		Bandwidth	44.0	00.0	05.0	05.0		
Prompt Voice		Required	11.2	29.6	0.00	0.00		
Application		(kbps):						
System Setup								
System	~				Modify			~
						🧓 😜 Internet	💐 100% 🔹	
🐉 start 🛛 😵 🛛	MT C	al 🏠 LOG	C	td32d- [ 😽 G	iTS Onl 🏼 🦉 9 -	Paint CH 🗎	😰 🕄 🔇 🛂 👸 3:44 P	М

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

#### 11.5 FXO setup

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

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55 Datati	• 🏉 til 32	28- [124.38.46.124/]	× 🏀 VolP V	Yeb Management	<b>€ 61.32d-</b> [124]	38.46.126/]			1 @ •
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oip Setup					0.010				
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VoIP Call Out		590099				TAORT A	Distant V I V		Dei
VolP Call IN					(36.5)	Dury)			
VoIP Call In IVR					Modu	y Neset			
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j Forwarding	1						(A11) (Devel)		
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I System									
Wan									
Lan									
AT LAN									
Firewall									
Routing									

- 11.6 SIP Server Register
- 11.7 Register Server  $\rightarrow$  Server#1

C td32d- [192.168.	0.25/] - Windows Interne	t Explorer			
🕒 🗸 🖉 http:	//192.168.0.25/		🖌 🛃 🗶 Live S	earch	2
😭 🕸 🎯 td32d- [1	192.168.0.25/]		🙆 · 🖻	🕤 🖶 🔹 🔂 Page	🔹 🙆 Tools 🔹
			VolP Rout	er 🥥	AT A
Home		S	erver # 1		
Voip Setup Port Status	Protocol:	SIP 🔽	Register:	Global	~
Routing Setup	Enable SIP Prexy:				
Register Server	SIP Proxy LIRI	Port[1 - 65535 ]	Thought Outbound	Portf1 - 6553	il.
] Server #1	on Troxy one	i orqi - oossoo j	Ргоху	i ontro ocost	
] Server #2	X00X.X00X.X00X.X00	5060	D-	5060	
] Server#3	TTL (Registration i	interval) [10 - 7200 s]	Domain	Proxy Requir	re
Server #4	120				
Advance Setup	Line Remark	Number	Account	Password	Conferen ID
System Setup	1~30		2004	•••	
System			Modify		
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📲 start 🛛 🕅	DMT Call Tr	ie 🙆 My Docume	🔏 td32d- [19 CH 🏛	- B 🖞 🔇 🖉 S	🕈 👩 2:17 PI

#### 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

System Parameters Setup
Line/Talk Time System CDR/Misc, SCE Short Message MTIC Mapping Type 1. E1 channel/MTIC one by one validate prefix for incoming call play busy tone while outgoing line not ready 2. choose MTIC according to prefix cyclic first available search prefix in multiple groups if not available, allow to use other group
MTIC Total Talk Time Limit  C no limit C restrict without alert  restrict and alert in C minutes  force to cut line when exceed talk time  Talk Time Limit for Each Call  C no limit
Number Portability Database       Image: Check number portability database       NP ODBC name       UserID       Password
Log real talk time in CDR Line/Group Setting No available line reject code 34
OK Cancel Apply

- 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

1000	1		2 3	
123	456789012345	6789	012345678901	ОК
AAA	алалалалалал	IAAAA	ааааааааааааа	
'A'	Supplier#1	·B·	Supplier#2	Cancel
'C'	Supplier#3	'D'	Supplier#4	-
Έ'	Supplier#5	'F'	Supplier#6	
	1000 (Second	.7.	Supplier#26	

- 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

System Param	eters Setup 🛛 🔀
Line/Talk Time Password Mar supervisor	System CDR/Misc. SCE Short Message
Program Shut	******* Confirm ****** Down e the program incoming lines hang up
Log Debu regard as not wait 2 Prefix Trai	g Info. Ignore SCID ready when RSSI < 5 seconds to resume using MTIC nsform Display Color Setting
No ringback fo Get ringback b No answer for Wait 0 When Outgoir When Outgoir	r 0 seconds, • notify C reject ut 0 seconds no answer, reject call 0 times, re-initialize the module seconds then allow incoming calls from PRI ng Line Unavailable pring hangup • auto hookon incoming after 0 seconds
Emulate RingE no, dire yes, wa after	Back Tone ect connect after dial out ait 0 seconds then emulate, 0 seconds then connect
	OK Cancel Apply

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 <u>2</u> 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:

Mobile Number Prefix Transf	orm	
-5009+0933579613 -886+0	Subtract Add C - Ad Remove	886 0 d
Ok Cancel	C Reco	rd Original No.

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 <u>0</u> 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 <u>0</u> 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 <u>0</u> 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 <u>0</u> 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 <u>0</u> 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.

stei	m Parameters Setup
ine/	Talk Time   System CDR/Misc.   SCE   Short Message
- W (0 (C	rite 'Left Seconds' into SIM Card disable C when switch SIM card each call C every 0 minutes
E1	Trunk Group Information
-CE	DR Backup
0	disable enable, path=
-00	R Database write CDR into database CDR ODBC name CDRDB UserID root Password
-W	rite CDR Information According To GSM no. entered
Sp	eech Codec Bearer Capability(only for Siemens TC35i) Full rate preferred C Half rate preferred Half rate disabled
Re Ma	dial When Remote Busy G5M congestion
	OK Cancel 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 <u>0</u> for it.

#### 12.3.8 GSM congestion

Here is screen shot in GSM congestion processing

GSM congestion processing	
Get busy signal below 4 seconds r Try 3 times then abandon Retrun code 34 to PRI site	egard as congestion

- 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

System Parameters Setup
Line/Talk Time   System   CDR/Misc. SCE   Short Message
No SCE SCE-900 SC-Box(45IMs)      When to switch to next SIM card      • use up all the time of each SIM     after answered calls     or after o continuous no-answer calls         block that sim till manually reset         after registered over o minutes         according to time scheduling         continuous talls time
<ul> <li>when all the SIMs used up, still allow to use</li> <li>keep on using current SIM</li> <li>switch to the last SIM</li> <li>monthly/daily reset talk time &amp; switch to SIM#1</li> <li>reset SIM on day# 1  of the month</li> <li>(0 for daily reset)</li> <li>reset 'switch fail' channel every 0 minutes</li> </ul>
OK Cancel Apply

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

System Parameters Setup	×
Line/Talk Time System CDR/Misc. SCE Short Message Short Message Database Information ODBC database name SMDB UserID sa Password process database every 30 seconds read out 20 records each time MySQL DB	
Check received SM every 60 seconds Regard as send fail after 60 seconds Retry 3 times then abort sending out	
OK Cancel 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

MT Group Settin	g	
Group ID Service Servi	• 09	
Remark Charge Unit minimum charge		Cancel second(s) 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.

le View Les	st Help											
No/Attr.	GSM Information	SIM Card ID	Status	Left Seco	Start Tm.	Elapse	CLID	Transfer No.	Conn.	Talk Tm.	Duration	Ans/Use
Voip-Trunk			Idle									0/0
Voip-Trunk			Idle									0/0
/oip-Trunk			Idle									0/0
Voip-Trunk			Idle									0/0
Voip-Trunk			Idle									0/0
Voip-Trunk			Idle									0/0
Voip-Trunk			Idle									0/0
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Voip-Trunk			Idle									0/0
Voip-Trunk			Idle									1/2
Voip-Trunk			Idle									1/1
Voip-Trunk			Idle									1/1
Voip-Trunk			Idle									0/0
Voip-Trunk	Reset Mismatched	Left Seconds	Idle									0/0
Voip-Trunk	Docot Switch Enil I	iner	Idle									0/0
Voip-Trunk	Resourcement and		Idle									0/0
Voip-Trunk	Change New SIM (	Lard (Single Line)	Idle									0/0
Voip-Trunk	Change New SIM (	Card (Multi Lines)	Idle									0/0
Voip-Trunk	Scheduling to Swit	ch SIM Card (Multi Lines)	Talk		10:53:15	19(9)	906	0937183881	32	10:53:27	8	2/2
Voip-Trunk	Monthly/Daily Res	et Talk Time	Idle									0/0
Voip-Trunk	Davice Lice		Idle									1/1
Voip-Trunk	Fause use		Idle									0/0
Voip-Trunk	Resume Use		Idle									0/0
Voip-Trunk	Edit GSM Number		Idle									0/0
Voip-Trunk	Force to Cut Off Li	ne	Idle									0/0
Voip-Trunk	GSM Income Hand	e Strategy	Idle		4	0111-0-0		1/2		6121-0	dia 1	0/0
Trunk-A 1 h	25 Chunghwa	89886920027025908522	Talk	41985	10:53:15	19(9)		0937183881	22	10:53:27	8	2/2
Trunk-A 2 h			Wait switch ok(0)	42000								0/0
Trunk-A 3 h			Wait switch ok(0)	42000							1	0/0
Trunk-A 4 h			Wait switch ok(0)	42000		1					-	0/0
Trunk-A 5 h			Wait switch ok(0)	42000								0/0
Trunk-A 6 h			Wait switch ok(0)	42000								0/0
Trunk-A 7 h			Wait switch ok(0)	42000								0/0
Trunk-A 8 h			Wait switch ok(0)	42000							4	0/0
Trunk-A 9 h			Wait switch ok(0)	42000								0/0
Trunk-A 10 h			Wait switch ok(0)	42000								0/0
Trunk-A 11 h			Wait switch ok(0)	42000								0/0
Trunk-A 12 h			Wait switch ok(0)	42000								0/0
Trunk-A 13 h			Wait switch ok(0)	42000								0/0
Trunk-A 14 h			Wait switch ok(0)	42000			1				100	0/0
Trunk-A 15 h			Wait switch ok(0)	42000				Hiding your ina	active not	ification icc	ns X	0/0
Trunk-A 16 h			Wait switch ok(0)	42000		1		To see the hidde	n icons, clic	k this button	1000000 C	0/0
Transle & 17 h			Whit quitch al(0)	1.42000			-		in rearray and	a sine addeedin		1.0/0

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

#### 13.2There are several extra functions as follows:

13.2.1 Change New SIM Card	(Sinale Line	) — see the picture below
i enange i tett entre eara		

Setup '	Setup 'Total Talk Time' 🛛 🔀												
setup li first SIf	ne# 32 ( Mistart fro	talk tii m #	me(in s	econ	ds)							0	ĸ
last SIN current	1 # : use SIM #	¥	4	•		assign	as	right	42000		in seconds	Car	icel
—talk tim	e(in secon	ds) -	'radio'	as ble	ocked, 'ch	ieckeď -	as I	op pri	ority SIM (	ard -	200		
C #1	41881	Г	C	#2	42000	Г	0	#3	42000	Г	C #4	42000	Г
C #5	0	Г	C	#6	0	Г	¢	#7	0	Г	C #8	0	Г
C #9	0		С	#10	0	Г	¢	#11	0	Г	C #12	0	Г
C #13	0	Г	C	#14	0	Г	C	#15	0	Г	C #16	0	Г
C #17	0	Г	C	#18	0	Г	¢	#19	0	Г	C #20	0	Г
C #21	0	Г	C	#22	0	Г	¢	#23	0	Г	C #24	0	Г
C #25	0		С	#26	0	Г	C	#27	0	Г	C #28	0	Г
C #29	0	Г	С	#30	0	Г	0	#31	0	Г	C #32	0	Г
T Re:	Reset 'Already Talk Time'     Unblock all SIMs												

Please Notice:

The symbol of  $\circ$  means "radio as blocked

The symbol of  $\Box$  means "check as top priority SIM card

- E.g. If  $\circ$  is marked in #1, SIM card #1 won't be blocked
- E.g. If  $\Box$  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

Setup 'Total Talk T	ime'	
talk time 700	minutes	ОК
first SIM start from #	1 💌	
last SIM #	4 💌	Cancel
current use SIM #	1 💌	
Assign Short Mess	age Count	
Reset 'Already Tal	k Time'	

Defin	e the time	range for	each SIM ca	rd			
X	Day Of Week	Start Time	End Time		Day Of Week	Start Time	End Time
#1	1111111	0800	~ 1959	#2	1111111	2000	0759
#3			~	#4		· · ·	- <u> </u>
#5			~	#6		·	J
#7			~	#8		·	- <u> </u>
#9			~	#10		·	- <u> </u>
#11			~	#12		· ·	•
#13			~	#14		·	J
#15			~	#16		·	
#17			~	#18		·	•
#19			~	#20		·	- <u> </u>
#21	[]		~	#22		· ·	•
#23			~	#24		·	- <u> </u>
#25			~	#26		·	• []
#27			~	#28		· ·	•
#29			~	#30		· ·	•
#31			~	#32		·	•
Ex	ample Day Of StartTir	Week '101 ne ~ EndTim Ok	0101' for Sund. ne '1150' ~ '145	ау,Ти ;9'	esday, Thursday Ca	v,Saturday	

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

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"

Talk	Time(in n	ninutes) —				
#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

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

## 13.2.5 Edit GSM Number — see the picture below

Setup GSM Information	n for This Channe	al		
Channel Remark		Í	ок	Cancel
Ch# 32 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		5IM 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		· ·
	1059 C	21102		1

13.2.6 GSM Income Handle Strategy— see the picture below

What to do when calls coming fr Wait till the calling party hangup Reject the call automatically	om GSM c 🔀
Answer the call and play a pre-record     Divert the call to PRI channel	Browse
Outgo called number Outgo calling number • quote the CLID from GSM C defined as	
	cel

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:

<ul> <li>Standard CMOS Features</li> <li>Advanced BIOS Features</li> <li>Advanced Chipset Features</li> <li>Integrated Peripherals</li> <li>Power Management Setup</li> <li>PnP/PCI Configurations</li> </ul>	<ul> <li>PC Health Status</li> <li>Frequency-Voltage Control Load SetUp Defaults</li> <li>Set Password</li> <li>Save &amp; Exit Setup</li> <li>Exit Hithout Saving</li> </ul>
Esc : Quit F10 : Save & Exit Setup Time, Bate, Hard	↑↓++ : Select Item

Step 2:

Date (mm:dd:yy) Time (hh:mm:ss)	Tue, May 12 2009 16 : 24 : 6	Iten Help
<ul> <li>IDE Channel 0 Master</li> <li>IDE Channel 0 Slave</li> <li>IDE Channel 1 Master</li> <li>IDE Channel 1 Slave</li> </ul>	[ST380815AS] [None] [None] [ASUS DVD-E818A]	Menu Level ► Change the day, month year and century
Drive A Drive B	[None] [None]	
Video Halt On	[EGA/VGA] [All Errors]	
Base Memory Extended Memory Total Memory	640X 1038336K 1039360K	
↑↓++:Move Enter:Select + F5:Previous Val	/-/PU/PD:Value F10:Save ues F7: SetUj	ESC:Exit F1:General Hel Defaults

#### Step 3:



#### Step 4:

► CPU Feature ► Hard Disk Boot Prioritu	[Press Enter]	Item Help
<ul> <li>Hard Disk Boot Priority Virus Warning CPU L1 &amp; L2 Cache Quick Power On Self Test First Boot Device Second Boot Device Third Boot Device Boot Other Device Swap Floppy Drive Boot Up Floppy Seek Boot Up Floppy Seek Boot Up NumLock Status Gate A20 Option Typematic Rate Setting</li> <li>Xypematic Rate (Chars/Sec X Typematic Delay (Msec) Security Option APIC Mode</li> </ul>	[Press Enter] [Disabled] [Enabled] [Enabled] [CDROM] [Hard Disk] [CDROM] [Enabled] [Disabled] [Disabled] [Disabled] [Disabled] ] 6 250 [Setup] [Enabled]	Menu Level
MPS Version Control For U	S[1.4]	
↑↓→+:Move Enter:Select +/- F5:Previous Value	/PU/PD:Value F10:Save E s F7: SetUp	SC:Exit F1:General Hel Defaults

## Step 5:

<ul> <li>Standard CMOS Features</li> <li>Advanced BIOS Features</li> <li>Advanced Chipset Features</li> <li>Integrated Peripherals</li> <li>Power Management Setup</li> <li>PnP/PCI Configurations</li> </ul>	<ul> <li>PC Health Status</li> <li>Frequency/Voltage Control Load SetUp Defaults</li> <li>Set Password</li> <li>Save &amp; Exit Setup</li> <li>Exit Hithout Saving</li> </ul>
Esc : Quit F10 : Save & Exit Setup Onboard IO, IRQ, I	↑↓++ : Select Item DMA Assignment

# Step 6:

<ul> <li>OnChip IDE Device [Press Enter]</li> <li>Onboard Device [Press Enter]</li> <li>SuperIO Device [Press Enter]</li> <li>SuperIO Device [Press Enter]</li> <li>Onboard Serial Port 3 [4F8]</li> <li>Serial Port 3 Use IRQ [IRQ10]</li> <li>Onboard Serial Port 4 [4E8]</li> <li>Serial Port 4 Use IRQ [IRQ10]</li> </ul>	-1		Item Help			
SuperIO Onboard Serial Onboard Serial Onboard Serial Onboard Serial	Device Serial Port 3 Port 3 Use IRQ Serial Port 4 Port 4 Use IRQ Serial Port 5 Port 5 Use IRQ Serial Port 6 Port 6 Use IRQ	(Press Enter [4F8] [IRQ10] [4E8] [IRQ10] [4F0] [IRQ10] [4E0] [IRQ10]	j	Menu Le	vel ►	
++++:Move	Enter:Select +/-	/PU/PD:Value	F18:Save	ESC:Exit	F1:General	He 1

#### Step 7:



Step 8:

▶ Standard CMOS Features	► PC Health Status			
► Advanced BIOS Features	► Frequency/Voltage Control			
▶ Advanced Chipset Features	Load SetUp Defaults			
▶ Integrated Peripherals	Set Password			
Power Management Setup	Save & Exit Setup			
▶ PnP/PCI Configurations	Exit Without Saving			
Esc : Quit F10 : Save & Exit Setup	↑↓→+ : Select Item			
Sleep timer, Suspend timer				

Step 9:



Step 10:

IRQ Settings, Lat	tency Timers
Esc : Quit F10 : Save & Exit Setup	↑↓→+ : Select Item
PnP/PCI Configurations	Exit Without Saving
▶ Power Management Setup	Save & Exit Setup
▶ Integrated Peripherals	Set Password
▶ Advanced Chipset Features	Load SetUp Defaults
▶ Advanced BIOS Features	► Frequency/Voltage Control
▶ Standard CMOS Features	▶ PC Health Status

#### Step 11:



Step 12:

IRQ-3 IRQ-4 IRQ-5 IRQ-7 IRQ-9 IRQ-10 IRQ-11 IRQ-12 IRQ-14 IRQ-15	assigned assigned assigned assigned assigned assigned assigned assigned assigned	to to to to to to to	IPCI/ISA PnP IPCI/ISA PnP IPCI/ISA PnP ILegacy ISAJ IPCI/ISA PnP IPCI/ISA PnP IPCI/ISA PnP IPCI/ISA PnP IPCI/ISA PnP	] ] ] ] ]	Item Help Menu Level Legacy ISA for devices compliant with the original PC AT bus specification, PCI/ISA PnP for devices compliant with the Plug and Play standard whether designed for PCI or ISA bus architecture
↑↓++:Move	Enter:Se	lect +	/-/PU/PD:Value	F10:Save E	SC:Exit F1:General Hel;
	F5:Previ	ous Val	ues	F7: SetUp	Defaults

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

Pr Se Se	i. c. c.	Slave Di Master Di Slave Di	sk : None sk : None sk : DVD,M	ODE 5				
PCI Bus	dev No.	ice listi Device N	ng o. Func No.	Vendor	/Device	Class	Device Class	IRQ
	0	2	0	8086	2592	0300	Display Cotrle	0
	0	29	0	8086	2658	0003	USB 1.0/1 1 UHCI Cotele	3
a line a	0	29	1	8086	2659	0003	USB 1.0/1.1 UHCI Catrir	11
	9	29	2	8086	265A	0003	USB 1.0/1.1 UHCI Catrir	11
	9	29	3	8086	265B	0003	USB 1.0/1.1 UHCI Catrir	q
	9	29	7	8086	265C	0003	USB 2.0 EHCI Cutrir	5
	9	31	2	8086	2653	0101	IDE Cntrlr	14
	9	31	3	8086	266A	0005	SMBus Cntrlr	11
	1	8	8	10EC	8168	0200	Network Cntrlr	9
	2	8	0	10EC	8168	0200	Network Cntrlr	5
							ACPI Controller	9
Veri Boot	fyin fro	ng DMI Poo om CD :	ol Data					
Pres	s ai	ny key to	boot from (	CD				

4) Welcome to Advanced XP Embedded Recovery CD: choose "<u>English"</u> version, and click "next"



5) Disc State: Choose HardDisk 75G OB, 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

on XAI386Veystem.	32%md.exe	
ters_shared Extracting Extracting	12_neutral.ini OK WINDOWS\Microsoft.NET\Framework\v2.0.50 WINDOWS\Microsoft.NET\Framework\v2.0.50	727\_DataPerfCounters.h OK A
Extracting	WINDOWS\Microsoft.NET\Framework\v2.0.50	727\_dataperfcounters_shared1
Extracting	WINDOWS\Microsoft.NET\Framework\v2.0.50	727\_dataperfcounters_sharedi
Extracting	WINDOWS\Microsoft.NET\Framework\v2.0.50	727\_NetworkingPerfCounters.h
Extracting	WINDOWS\Microsoft.NET\Framework\v2.0.50	727\_Networkingperfcounters.i
Creating Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting Extracting	WINDOWS\msagent WINDOWS\msagent\agentanm.dll WINDOWS\msagent\agentcl.dll WINDOWS\msagent\agentdp2.dll WINDOWS\msagent\agentpy.dll WINDOWS\msagent\agentpsh.dll WINDOWS\msagent\agentsr.dll WINDOWS\msagent\agentsr.dll WINDOWS\msagent\agtcll5.tlb WINDOWS\msagent\agtcll5.tlb WINDOWS\msagent\chars\merlin.acs	ОК ОК ОК ОК ОК ОК ОК ОК ОК ОК ОК ОК
		Your ePlatform Partner
		AD\ANTECH
		Empodded Com
		Empeaded Con

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"



- <image>
- 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(p-gateway default IP) on Windows Explore or enter http:// 192.168.0.25 on IE.

2. To click Routing Setup to VoIP Call in,



### 1) Transform Area Code

(2) n	A 2 AL AR 1		S S A A A A	59.	125.1.1	94	
~0		024 4	1 10 10 4 24 6				
🔀 ВМТ Са	all Transfer System(	4.4.8.1				-	
File View	Test Help	_	System Parameters Setup 🛛 🔀				
o/Attr.	GSM Information	SIN	Line/Talk Time System Misc. SCF CDR	Start Tm.	Elapse	CLID	1
/oip-Trunk			Descured Management(see an altica)				
/oip-Trunk			Password Management(case sensitive)				
/oip-Trunk			supervisor pwd confirm				
/oip-Trunk			constator pard				
/oip-Trunk			operator pind				
/oip-Trunk							
/oip-Trunk			Program Shut Down				
/oip-Trunk			<ul> <li>direct close the program</li> </ul>				
/oip-Trunk							
/oip-Trunk			Mobile Number Prefix Transform				
Yoip-Trunk							
Noip-Trunk			Subtract 9234				
Voip-Trunk			-7/300+300				
Voip-Trunk			-77333+396 Add 034				
Yoip-Trunk			00000000				
Voip-Trunk			-9230+030 <- Add				
Voip-Trunk			-9234+034				
Voip-Trunk			Berrow ->				
Noip-Trunk			Rollovo *>				
Voip-Trunk							
Voip-Trunk			Ok Cancel Record Original No.				
Yolp-Trunk							
Voip-Trunk			WHITE ADDITION OF DAVAGABLE				
Voip-Trunk			C wait till proming bangun ( auto booken proming				
Yoip-Trunk			a beautioning rangep				
Yoip-Trunk			arter  0 seconds				
Voip-Trunk			Emulate RingBack Tone				
Voip-Trunk			• no. direct connect after dial out				
Voip-Trunk			Company E				
Voip-Trunk			, yes, war 0 seconds then emulate,				
Trunk-A 1 h	13 Chunghwa	98	after 0 seconds then connect				
Trunk-A 2 h			the second se				
Trunk-A 3 h							
<			CancelBDDY				>
Ready						N.	M
. ato	and the second second		All sums these data and				

# 2) To setup Group A, B, C



3) To setup area code of Group A



4) To setup area code of Group B



5) To setup area code of Group C

🙆 oem-uxe0fd	lgupbh ( 59.125.1.194 )						
SS 🗖 🍪 .	2 🕂 Az 🔳 🚳 "	S 🔊 🔂 🗔 🚂 🍭			59.12	5.1.194	
🔀 DMT Call T	ransfer System(4.4.8.	1)					×
File View Tes	t Help						
LNo/Attr.	GSM Information	SIM Card ID	Status	Left Seconds	Start Tm.	Elapse	CLID
0 Volp-Trunk 1 Volp-Trunk 2 Volp-Trunk 3 Volp-Trunk 4 Volp-Trunk 5 Volp-Trunk		ura au	Voip not ready Voip not ready Voip not ready Voip not ready Voip not ready				
6 Yolp-Trunk 9 Yolp-Trunk 9 Yolp-Trunk 10 Yolp-Trunk 11 Yolp-Trunk 12 Yolp-Trunk 13 Yolp-Trunk 15 Yolp-Trunk 16 Yolp-Trunk 16 Yolp-Trunk 19 Yolp-Trunk 19 Yolp-Trunk 20 Yolp-Trunk 21 Yolp-Trunk 21 Yolp-Trunk		AT Group Setting Group ID C  Prefix Prefix S000 Remark S004-C-1 Charge Lrit minimum charge []	Attivate CLIR CLIR prefix	DK Incel			
23 Voip-Trunk 24 Voip-Trunk 25 Voip-Trunk 26 Voip-Trunk 28 Voip-Trunk 29 Voip-Trunk 29 Voip-Trunk 32 Trunk-A 1 h 33 Trunk-A 3 h	13 Chunghwa	98889612040015604666	second(s) Voip not ready Voip not ready Voip not ready Voip not ready Idle Wait switch ok Wait switch ok	42000 42000 42000			
<		11					>
Ready			_		-		NUM
🥶 start	XP_Embedded (C:)	MT Call Transfer Sy				8 3 C	上午11:01

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)

	GSM Information	SIM Card ID	Status	Left Seconds	Start Tm.	Elapse	CLID	^
1 Voip-Trunk			Idle					
2 Voip-Trunk			Idle					
3 Voip-Trunk			Idle					
4 Voip-Trunk			Idle					
5 Voip-Trunk			Idle					
6 Voip-Trunk			Idle					
7 Voip-Trunk			Idle					
8 Voip-Trunk			Idle					
9 Voip-Trunk			Idle					
10 Voip-Trunk			Idle					
11 Voip-Trunk			Idle					
12 Voip-Trunk			Idle					
13 Voip-Trunk			Idle					
14 Yolp-Trunk			Idle					
15 Yoip-Trunk			Idle					
16 Voip-Trunk			Idle					
17 Voip-Trunk			Idle	Reset Mism	atched Left Seci	onds	1	
18 Voip-Trunk			Idle	Reset Switz	b-Eail Lines		- 1	
19 Voip-Trunk			Idle	Change Ma	STM Card / Card	(and ) also	- 1	
20 Voip-Trunk			Ide	change he	w surri card (sen	je une)		
21 Voip-Trunk			Ide	Change Ne	w SIM Card (Mul	ti Lines)		
22 Voip-Trunk			Ide	Scheduling	to Switch SIM C	ard (Multi L	ines)	
23 Voip-Trunk			Ide	Monthly/Da	ilv Reset Talk Ti	ne		
24 Yoin-Trunk			Ide	Parce Lice			- 1	
25 Yoin-Trunk			Ide	P and a second	12		- 1	
26 Voin-Trunk			Ide	Resume Us	e		- 1	
27 Voin-Trunk			Ide	Edit GSM N	umber:		- 1	
28 Voip-Trunk			Ide	Force to Cu	# Off Line		- 1	
29 Voip-Trunk			Ide	GSM Incom	e Handle Strated	TM		
32 Trunk-A 1	24 Chunchesa	89886920022025908589(1/1)	Idle	CONTRACT OF CONTRACT		"		
33 Trunk-4 2	26 Chupchesa	89886920027025908571(1(1)	Idle	42000				
34 Trunk-A 3	24 Chunchusa	89886920027025908522(1/1)	Ide	42000				
35 Trunk-A 4	29 FarEasTone	89886012853480550999(1/1)	Idle	42000				-
<								>
befine the time r	ance to switch sim card						DI IM	
the second se	and a second second		*		-	_	10001	-

2) Define the time range for each SIM Card

🔮 DMT Call 🕻												7 ×
File View Te	st Help	Define the t	ime range for o	ach SIM c	ard			X				
LNo/Attr.	GSM Informat	Day Of A	Hack Start Time	Fed Time		Day Of Weak	Short Time	Fod Time	Tm.	Elapse	CLID	^
1 Voip-Trunk		Dayor	Week Start Hille	Ling time		Day Of Week	Scare nine	Ling nine				
2 Voip-Trunk		#1			#2		-					
3 Voip-Trunk				_								
4 Voip-Trunk		#3			#4		~					
5 Voip-Trunk				-		<u> </u>	<u> </u>	-				
6 Voip-Trunk		#5		-	#0		-					
7 Voip-Trunk		#7			+0		<b>—</b>					
8 Voip-Trunk		- T - 1		· [	*0		1					
9 Voip-Trunk		#9			#10		~					
10 Yolp-Trunk												
11 Yolp-Trunk		#11	-		#12		-					
12 Yolp-Trunk			- i	-		<u> </u>	<u> </u>	<u></u>				
13 Yoip-Trunk		#13		-	#14		-					
14 Voip-Trunk		#15			#16							
15 Yoip-Trunk		+	^	· 1	#10		1					
16 Voip-Trunk		#17			#18							
17 Voip-Trunk												
18 Voip-Trunk		#19			#20		~					
19 Voip-Trunk				_								
20 Voip-Trunk		#21	1	· .	#22		1 ^					
21 Voip-Trunk		#22			+24		<b>—</b> .					
22 Voip-Trunk		#cu	^	· ]	#41		1 °					
23 Voip-Trunk		#25			#26							
24 Voip-Trunk						_						
25 Yoip-Trunk		#27	-	• 1	#28		-					
26 Voip-Trunk				-		_	-	-				
27 Yoip-Trunk		\$29	1	-	#30		-					
28 Yolp-Trunk		#31			#32							
29 Yolp-Trunk			1 1	· 1	W.JL		1	1				
32 Trunk-A 1	24 Chunghwa	Example D	av Of Week '1010	101' for Sup	day. Tu	sday. Thursday	v.Saturday					
33 Trunk-A 2	27 Chunghwa	S	tartTime ~ EndTime	'1150' ~'14	159'		·//					
34 Trunk-A 3	24 Chunghwa											
35 Trunk-A 4	29 FarEasTon		OK			0	ancel					~
<												>
teady											NUM	1
totart	Of parts	Tall Temperat	CTS Only	Manitor	Tes	OMT		an ann 1	15 8	22 18.10	2.10	3.044
start	S DMI	cal fransfer	or GIS Unit		-				<b>M B</b>	07 A 1	2010	

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 divided into parts: CONTROL; MTIC
- 1) CONTROL

31(Control-PLCC-VOIP)-status

63(Control)-status

🙆 oem-uxe0fi	dgupl	oh (6	1.21	8.15	1.23	0)														
98 🗖 🚳 .	21	<b>P</b> ^	B <sub>C</sub>	D	3	T	R	2		5	4	R							61.218.151.23	0
😵 DMT Call T	Frans	fer S	ystei	n(4.	4.7	.1)														
File View Tes	t He	p.																		
LNo/Attr.	GSM	Disp	lav (	cu/(	D C	onte	mt												pse 🛛	CLID
0 Voip-Trunk	· ·																			2 
1 Voip-Trunk		CO	0	а.	2	3	4	5	0	1	8	9	н	в	C	U	E	- PO	ASCII	
2 Voip-Trunk		88	F8	43	54	52	88	88	88	88	88	88	88	88	88	88	88	88	CTR	
3 Voip-Trunk		10	66	88	66	88	88	66	88	66	88	88	88	88	53	4F	52	88	SOR	
4 Yoip-Trunk		28	86	88	88	88	0P	88	88	88	88	88	88	88	88	88	88	88	~ ~	
5 Yoip-Trunk		38	00	88	88	00	88	00	88	88	00	88	00	88	66	00	88	00		
6 Yoip-Trunk		48	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00		
7 Voip-Trunk		50	100	99	90	90	00	00	60	00	90	00	90	60	90	90	99	90		
8 Voip-Trunk		20	66	88	00	88	88	88	88	88	66	88	88	88	66	66	99	88		
9 Voip-Trunk		70	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88		
10 Voip-Trunk		70	00	00	00	00	00	88	00	00	00	00	00	88	00	00	00	00		
11 Voin-Trunk		80	00	00	00	00	00	00	00	90	00	00	00	00	00	00	00	00		
12 Voin-Trunk		90	00	00	00	00	00	88	00	80	00	00	88	00	88	00	00	88		
13 Voin-Trunk		AØ	00	88	00	88	00	88	88	88	88	00	88	88	88	88	00	88		
14 Voin-Trunk		BØ	00	88	00	88	88	88	88	88	88	88	88	88	88	88	88	00		
15 Voin-Trunk		CØ	66	88	66	88	88	66	88	88	88	88	66	88	66	88	88	88		
16 Voip-Trunk		DØ	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88		
17 Voip-Trunk		FØ	0.0	88	88	66	88	66	88	88	88	88	66	88	00	00	00	00		
19 Voip-Trunk			100				00					00								
19 Voip-Trunk			12		2	2	12	2	12	12		2			2		2	12		
20 Voip-Trunk		CD	IJ	1	2	3	4	5	0	'	8	9	н	в	C	D	E	- E	ASCII	
21 Voip Trunk		88	87	88	88	88	88	88	88	88	88	88	88	88	87	88	88	88	~ ~	
22 Voip-Trunk		18	0.0	88	66	88	88	66	88	66	88	88	88	88	66	88	68	88		
22 Voip-Trunk		20	80	1.	EE	AE	21	EE	61	28	75	4.0	36	24	EE	67	21	28	~~^a1^a8~736h^a18	
24 Voip-Trunk		20	1.4	CC.	47	99	20	14	80	88		88	0.0	80	88	00	88	0.0	E^a28E	
25 Voip-Trunk		30	40	2E	00	02	00	40	90	00	90	00	00	90	90	90	00	00	r yzer	
26 Voip-Trunk		48	190	90	90	90	00	90	90	80	90	00	90	90	90	90	00	90		
27 Voin-Trunk		50	90	98	98	90	88	90	66	90	90	88	96	66	90	90	88	90		
22 Voip-Trunk		68	80	88	88	00	88	88	88	88	88	88	88	88	88	00	00	00		
20 Voip-Trunk		78	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00		
25 Yop-Irunk	10.0		-																	
32 munk-A 1 h	100		0.4				Suri	tch		1									Cuit	
34 Trunk A 2h			31				241	con	-										LAIC	
34 munk-A 3 h		-	-	-	-	_	-	-	_	_	_	_	_	-	_	_	_	_		
5			-	-	-				-111	-	-			-	-	-				
Ready		_					_	_	_		_	_								NUM
🏄 start	1		ЯT					X	DMI	Call	Tran	sfer	φ		3		mline		itor 💼 🛛 💞 🕃	D 干干 04:49
and the second se							-	-												

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



 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.



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.

DMT Call T	ransfer System(	4.4.8.2)					_		- 6	ĨĚ
LNo/Attr.	GSM Information	THE OWNER WAR					Start Tm.	Elapse	CLID	^
1 Voip-Trunk		a GIS Unline Mor	intor							
2 Voip-Trunk		File Setting Status	Loading Test	Help						
3 Voip-Trunk		GTSMON Statup	A shi usha (Day	which of TC and the second						
4 Voip-Trunk		Coll In GTC Could	Activate/Rei	accivace and second						
5 Voip-Trunk		CTC Could office OKIL	Load/Reload	System Voice File		_				
6 Voip-Trunk		dis cald selup oke	Sync & Boot		By RACK					
7 Voip-Trunk		Sync & Boot	-		By LINE	CARD				
8 Voip-Trunk		Boot DK			BYLINE					
9 Voip-Trunk		Loading Special Voice F	7e		0,000					
10 Voip-Trunk		Loading Ring Voice File			ByGISC	LARD				
11 Voip-Trunk		Loading System Voice F	ile							
12 Voip-Trunk		Activate PBI Setting								
13 Voip-Trunk		Notivale Fini Setting								
14 Voip-Trunk		booing Finiware								
15 Voip-Trunk		Boot UK!!								
16 Voip-Trunk		Booting Firmware								
17 Voip-Trunk		Boot OKII								
18 Voip-Trunk										
19 Voip-Trunk										
20 Voip-Trunk										
21 Voip-Trunk						1				
22 Voip-Trunk				2000		- 10				
23 Voip-Trunk				Idle						
24 Voip-Trunk				Idle						
25 Voip-Trunk				Idle						
26 Voip-Trunk				Idle						
27 Voip-Trunk				Idle						
28 Volp-Trunk				Idle						
29 Voip-Trunk				Idle						
32 Trunk-A 1 h	24 Chunghwa	89886920027025	5908589	Wait switch ok(0)	42000					
33 Trunk-A 2 h	26 Chunghwa	89886920027025	5908571	Idle	42000					
34 Trunk-A 3 h	23 Chunghwa	89886920027025	5908522	Idle	42000					
35 Trunk-A 4 h	28 FarEasTone	8988601285348	0550999	Idle	42000					~
<					i i				-	>
Ready									NUM	
👭 start	😵 DMT Cal T	ransfer 😽 GTS O	nine Monkor	C DMT	G	t des	1 13 8	7.0	1:55	

a. By RACK

✓ Only choose RACK1

1 eo-truk         PM of Unite Analysis         Image: Analysis         Image: Analysis           3 eo-truk         PM of Unite Analysis         Image: Analysis         Image: Analysis         Image: Analysis           3 eo-truk         Effective State         Image: Analysis         Image: Analysis         Image: Analysis         Image: Analysis           3 eo-truk         Effective State         Image: Analysis	LNo/Attr.	GSM Information	-					20	-1.07	Start Tm.	Elepse	CLID	-
2 No-Trank 2 No-Trank 5 No-Trank 5 No-Trank 5 No-Trank 5 No-Trank 1 No-	1 Voip-Trunk		ST GIS	Online Month				- 1					
3 teo-trank         GTSA001 Statue           4 teo-trank         GTSA001 Statue           6 teo-trank         GTSA001 Statue           6 teo-trank         GTS Card State 000           9 teo-trank         Loado Spicel Vice File.           11 teo-trank         Loado Spice State 000           31 teo-trank         Boot ORI           9 teo-trank	2 Voip-Trunk		File Se			Help							
Vieb-Insk     Selb GTS Cad       Vieb-Insk     GTS CadSidp OKI       Vieb-Insk     GTS CadSidp OKI       Vieb-Insk     Bool OKI	3 Voip-Trunk		GTSMD	Startun					_				
Step-Insk Step-Insk	4 Voip-Trunk		Coll In G	TC Card									
6 top-track 6 top-track 9 top-	5 Voip-Trunk		CTC Cw	I Calla OKII									
Two-Trade         Pyro Driv           Woo-Trade         Loadog Specia/Vice File.           Woo-Trade         Boold File.           Boold File.         Boold File.           Boold File.         Boold File.           Boold File.         Boold File.           Boold File.         Boold File.	6 Voip-Trunk		distan	U SELUD UK									
B wp-Inde     Bod OF       B wp-Inde     Lodo D wide Nore Tak:       Lindo Tak     Lodo D wide Nore Tak:       B wp-Inde     Lodo D wide Nore Tak:       Lindo Tak     Lodo D wide Nore Tak:       B wp-Inde     Lodo D wide Nore Tak:	7 Voip-Trunk		Sync & B	toot									
9%p-Trutk         Loddy Special Vices Flac.           12 wp-Trutk         Loddy Special Vices Flac.           12 wp-Trutk         Loddy Special Vices Flac.           12 wp-Trutk         Boot Special Vices Flac.           13 wp-Trutk         Boot Special Vices Flac.           14 wp-Trutk         Boot Special Vices Flac.           15 wp-Trutk         Boot Special Vices Flac.           16 wp-Trutk         Boot Special Vices Flac.           17 wp-Trutk         Boot Special Vices Flac.           18 wp-Trutk         Boot Special Vices Flac.           19 wp-Trutk         Boot Special	8 Voip-Trunk		Boot OK										
0 web mind 20 web mind 20 web mind 30 web mind 30 web mind 30 web mind 40 web	9 Voip-Trunk		Loading !	Special Voice File									
I vop-Traits I	0 Voip-Trunk		Loading	Ring Voice File				_					
13 wo-Trink         Advace Fm           14 wo-Trink         Boot OFR           15 wo-Trink         Boot OFR           16 wo-Trink         Boot OFR           18 wo-Trink	11 Voip-Trunk		Loading	Svs Select CT	Back		ſ						
13 Nop-Time Store Fine CTS Cand CTS Can	12 Voip-Trunk		0 chicate	PR	5 Naux		L.						
Lit top-Trank         Exat ON         CI S Lablu         C S Lablu <thc lablu<="" s="" th=""> <thc lablu<="" s="" th="">         &lt;</thc></thc>	13 Voip-Trunk		Posting P	OTO C.		0.01							
Stop-Trank         Biol UA         P AGA10         P AGA10         CK           18 top-Trank         Biol UA         P AGA10         P AGA10         CK           18 top-Trank         Biol UA         P AGA10         P AGA10         CK           21 top-Trank         Biol UA         P AGA10         P AGA10         Concel           21 top-Trank         Biol UA         P AGA10         Concel         F AGA10           21 top-Trank         Biol         Biol         Biol         Biol           21 top-Trank         Biol         Biol         Biol         Biol         Biol           20 top-Trank         Biol	14 Voip-Trunk		booing r	GISCE	ard U _ GI	SCarding	01/						
6 %20-Trate. Bodrey Tan 16 %20-Trate. Bodrey Tan 16 %20-Trate. Bodrey Tan 16 %20-Trate. Bodrey Tan 17 %ACK12 IF %ACK13 Cancel 17 %ACK13 Cancel 17 %ACK13 Cancel 17 %ACK13 Cancel 17 %ACK13 Cancel 17 %ACK13 Cancel 18 %ACK14 18 %ACK144 18 %ACK1444 18 %ACK144 18 %ACK1444 18 %ACK144 18 %ACK1444 18 %ACK14444 18 %ACK1444 18 %ACK14444 18 %ACK14444 18 %ACK14444 18 %ACK14444 18 %ACK144444 18 %ACK14444 18 %ACK14444 18 %ACK14444 18 %ACK14444 18	15 Voip-Trunk		BOOLOV	E RAC	жо Г	RACKE	UK.						
Zive>Trute         Bod 050         P Mont 1         P Mont 2	16 Voip-Trunk		Booting H	IT DAC	¥1 E	DACK 1		- 1					
18 top-Trints 21 top	17 Voip-Trunk		Boot OK!	I IV MAL									
6 Noo-Tinte 21 Noo-Tinte 22 Noo-Tinte 23 Noo-Tinte 35	18 Volp-Trunk			E RAC	K2   E	RACK2	Cancel						
20 Uop-Trunk 100 20 Uop-Trunk	19 Voip-Trunk			E BAC	×3 F	BACK3 -							
11 wo-hrunk 164 12 wo-hrunk 164 13 wo-hrunk 164 13 wo-hrunk 164 13 wo-hrunk 164 13 wo-hrunk 164 14 wo-hrunk 164 14 wo-hrunk 174 14 wo-hrunk 174 14 wo-hrunk 174 14 wo-hrunk 174 14 wo-hrunk 174 14 wo-hrunk 174 154 154 154 154 154 154 154 15	20 Voip-Trunk		_										
2 No-1 Trait	21 Voip-Trunk								1				
21 Nop Trutk 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 Voip-Trunk					2010							
Al Moh-Trunk         Bib           Stop-Trunk         Bib	23 Volp-Trunk					Idle							
2 Nophinki	24 Voip-Trunk					Idle							
St Nop-Trust, Bisk of Start,	25 Volp-Trunk					Idle							
21 Mon-Turk Bank 20 Mon-Turk	26 Volp-Trunk					Idle							
2 396-7104 BAR 2000 2 196-7104 Conghes 9999520207255998579 Mit evitch 4(0) 42000 20 Tunch 4 10 25 Vordynes 999952020725999571 Ide 4000 20 Tunch 4 10 25 Vordynes 999952020725999579 Ide 4000 20 Tunch 4 10 27 Vordynes 99999021293949955999 Ide 4000 20 Tunch 4 10 27 Vordynes 9999921293949955999 Ide 4000 20 Tunch 4 10 27 Vordynes 9999921293949555999 Ide 4000 20 Tunch 4 10 20 Vordynes 9999921293949955999 Ide 4000 20 Tunch 4 10 20 Vordynes 99999212939495599 20 Tunch 4 10 20 Vordynes 99999212939495599 20 Tunch 4 10 20 Vordynes 9999212939495599 20 Tunch 4 10 20 Vordynes 999921293949559 20 Tunch 4 10 20 Vordynes 999921293949 20 Tunch 4 10 20 Vordynes 9999212939 20 Tunch 4 10 20 Vordynes 9999212939 20 Tunch 4 10 20 Vordynes 9999212939 20 Tunch 4 10 20 Vordynes 99992129 20 Tunch 4 10 20 Vordynes	27 Volp-Trunk					Idle							
22 Por Jul 10, 24 Octor/bma 099800200273998199 94 entth 4(0) 42000 21 Por Jul 10, 24 Octor/bma 099800200273998199 136 4000 21 Por Jul 20 Partice 11, 25 Pa	28 YOLD-TRUNK					1010							
x (more in a "riturgens orestocate uncessere) Viet setter al(0) 4000 30 (more in a "riturgens orestocate uncessere) idea (4000 30 (more in a 2) (more in a setter and a set	29 Yolp-Trunk	A	-			1010							
M Isola A & St Cardyna         099900002029999997         Die         4000           M Isola A & St Cardyna         099900022929480550999         Die         4000           St maks A h : St Particatione         099890022929480550999         Die         4000           Cody         NAM         NAM         NAM	sz trunk-a 1 h	24 Chunghwa	85	68859200270259	18289	Wak switch on	(0) 42	000					
r Imme 10 24 Grundynia 0x8006302/2233002222 Jade 40000 Strukk 4 h 25 Ferdarfone 0X80800228350999 Jade 40000 C c c c c c c c c c c c c c c c c c c c	SS Trunk-A 2 h	25 Chunghwa	0	R8869200270259	185/1	1010	42						
Contracting and the contracting contracting and the contracting an	SHITUNK-A 3 h	29 En/En/Tope	01	20009200270259	10522	Idle	42	000					
eady NUM		2710/2010/10	0,			1040	16						
eacy NUM													
	eady		-		_	_	_					NUM	

- 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.

LNo/Attr.	GSM Information	The second second second	teres .		Start Tm.	Elapse	CLID	2
1 Voip-Trunk		S GIS Unline Mon	ntor					
2 Volp-Trunk		File Setting StatUs	Loading Test Help					
3 Volp-Trunk		GTSMDN Startup	Artivate/Deartivate GTS settion					
4 Volp-Trunk		Settin GTS Card	Les diffusion d'Australia Cha					
5 Volp-Trunk		GTS Cord Settle OK	Loadjikeload System voice File	-				
6 Volp-Trunk		Const Deat	Sync & Boot Firmware	By RACK				
7 Volp-Trunk		Sync & Book		By LINE CAR	aD ds			
8 Volp-Trunk		Boot UK		BYLINE				
9 Voip-Trunk		Loading Special Voice F	e	DUCTE CAD				
10 Voip-Trunk		Loading Ring Voice File.		By GTD CHRO	0			
11 Yoip-Trunk		Loading System Voice F	le .					
12 Voip-Trunk		Activate PBI Setting						
13 Voip-Trunk		Pasting Figures						
14 Voip-Trunk		Booting Filliwate						
15 Yoip-Trunk		BOOK DIVI						
16 Voip-Trunk		Booting Firmware						
17 Voip-Trunk		Boot DKII		-				
18 Voip-Trunk		Booting Firmware		~				
19 Voip-Trunk								
20 Voip-Trunk								
21 Voip-Trunk					2			
22 Voip-Trunk			1000		e			
23 Voip-Trunk			Ide					
24 Voip-Trunk			Ide					
25 Voip-Trunk			Ide					
26 Voip-Trunk			Ide					
27 Voip-Trunk			Ide					
28 Voip-Trunk			Ide					
29 Voip-Trunk			Ide					
32 Trunk-A 1 h	21 Chunghwa	89886920027025	908589 Ide	42000				
	26 Chunghwa	89886920027025	908571 Idle	42000				
33 Trunk-A 2 h	23 Chunghwa	89886920027025	908522 Ide	42000				
33 Trunk-A 2h 34 Trunk-A 3h		89886012853480	650999 Ide	42000				
33 Trunk-A 2 h 34 Trunk-A 3 h 35 Trunk-A 4 h	29 FarEasTone	070000120000100						
33 Trunk-A 2 h 34 Trunk-A 3 h 35 Trunk-A 4 h	29 FarEasTone	1						>
33 Trunk-A 2 h 34 Trunk-A 3 h 35 Trunk-A 4 h	29 FarEasTone	1						>