

How to use MTG200 example file



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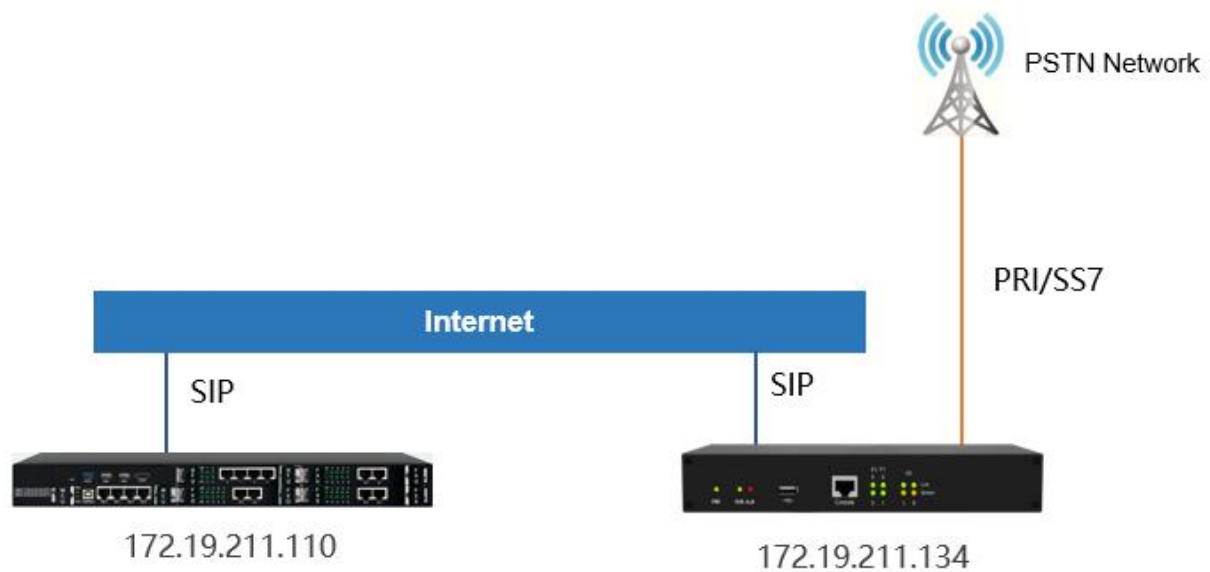
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1.Examples of MTG200 application scenarios.

Usually, MTG is used in the middle of IPPBX and PSTN, or PBX and IMS. Target for conver the E1/T1 to SIP and vice versa. For help end customer to easy configuration, we make are simple scenario with PRI and SS7 as following network.

The customer just upload the simple and modify some differnet paramter.



2. Scenario of PRI

Dinstar make are simple scenario for PRI network. If you are connected to the PSTN side via PRI, you can restore the database and very less change.

If the parameters are different from those of the operator, modify them to the values provided by the PSTN side. If the configuration is the same as that of the PSTN, no modification is required.

2.1 Download Simple Database

Open the following link, to download the simple database file for PRI.

<http://fs.dinstar.com:8888/Firmware/MTG200/ExampleDB/db%20for%2002.06.21.06%20with%20PRI.1.ldf>

PS: this file for MTG200 with version 02.06.21.06 T7 or above.

System Information

General

CPU ID	E4-69-A0-10-4B-0F-3F-36			
CPU Temperature	47°C	Usage(60s)	7%	
Userboard CPU Temperature	48°C			
GE1 MAC-Work Mode	F8-A0-3D-40-BC-C2	1000M/Full-duplex		
GE0 MAC-Work Mode	F8-A0-3D-40-BC-C3	down		
Service Ethernet Interface(GE1)	172.28.50.39	255.255.0.0	172.28.1.1	
Management Ethernet Interface(GE0)	192.168.11.1	255.255.255.0	0.0.0.0	
DNS Server	114.114.114.114 0.0.0.0			
Device ID	dc50-0831-6023-0041			
Cloud Server Register Status	Not Registered		SS7 Share	Master TG
System Time	2025-4-11 15:14:21			
System Uptime	7 m 40 s			
License	Remaining Time 73 Days			
GE1 Network Speed(Kbit/s)	Received	763	Sent	6
GE0 Network Speed(Kbit/s)	Received	0	Sent	0

Version

Device Model	MTG200-4E1	Work Mode	Standard Mode	
Hardware Version	PCB 22.01, BackBoardID 1, LogicID 1, FlashID 2c			
Boot Version	15	Kernel Version	41	
Software Version	02.06.21.06 T7	Web Version	02.06.21.06 T7	
Time Built	2024-12-03 , 16:28:51			

If using NI-2, you need using follow database file.

<http://fs.dinstar.com:8888/Firmware/MTG200/ExampleDB/db%20for%2002.06.21.07%20with%20NI-2.1df>

PS: this file for MTG200 with version 02.06.21.07 T2 or above.

System Information

General

CPU ID	E4-60-BC-A6-E3-24-2E-30			
CPU Temperature	43°C	Usage(60s)	8%	
Userboard CPU Temperature	---			
GE1 MAC-Work Mode	F8-A0-3D-40-D5-14	1000M/Full-duplex		
GE0 MAC-Work Mode	F8-A0-3D-40-D5-15	down		
Service Ethernet Interface(GE1)	172.28.26.150	255.255.0.0	172.28.1.1	
Management Ethernet Interface(GE0)	192.168.11.1	255.255.255.0	0.0.0.0	
DNS Server	0.0.0.0	0.0.0.0		
Device ID	dc11-0423-3031-0296			
Cloud Server Register Status	Not Registered		SS7 Share	Master TG
System Time	2025-1-27 9:12:50			
System Uptime	3 m 43 s			
License	Remaining Time 57 Days			
GE1 Network Speed(Kbit/s)	Received	68	Sent	9
GE0 Network Speed(Kbit/s)	Received	0	Sent	0

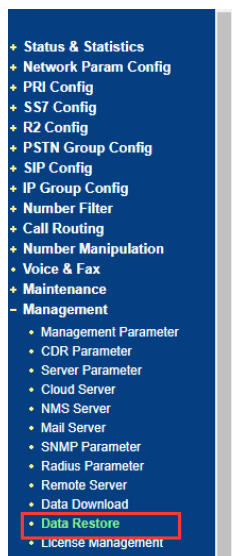
Version

Device Model	MTG200-4E1	Work Mode	Standard Mode	
Hardware Version	PCB 22.01, BackBoardID 1, LogicID 4, FlashID 2c			
Boot Version	14	Kernel Version	41	
Software Version	02.06.21.07 T2	Web Version	02.06.21.07 T2	
Time Built	2025-04-21 , 15:58:06			

2.2 Restore the database

Open the page Management>>>Data Restore. Choose the option "Database" and upload the Database files Restore it.

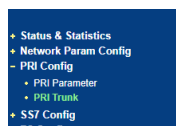
Need reboot to apply that.



Data Type	File Selection	Action
Database	<input type="button" value="选择文件"/> 未选择任何文件	<input type="button" value="Restore"/>
Dialplan	<input type="button" value="选择文件"/> 未选择任何文件	<input type="button" value="Restore"/>
SIP Account	<input type="button" value="选择文件"/> 未选择任何文件	<input type="button" value="Restore"/>
Num Ts Bound List	<input type="button" value="选择文件"/> 未选择任何文件	<input type="button" value="Restore"/>
User Account Info	<input type="button" value="选择文件"/> 未选择任何文件	<input type="button" value="Restore"/>
User Group Info	<input type="button" value="选择文件"/> 未选择任何文件	<input type="button" value="Restore"/>

2.3 PRI setting

Open the page of PRI Config>>>PRI Trunk.



PRI Trunk								
	Trunk No.	Trunk Name	Channel ID	D-Channel	T1 Port No.	Protocol	Switch Side	Alerting Indication
<input type="checkbox"/>	0	PRI_0	0	Enable	0	ISDN	User Side	ALERTING

Multi-Add

Add

Delete

Modify

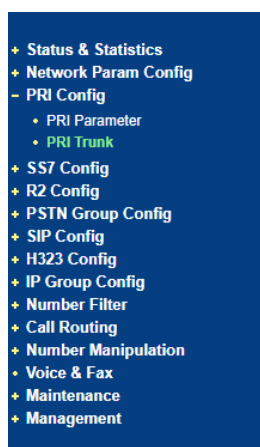
Select All

Total: 1

1页

Choose the port0 and check the PRI configuration.

Currently, the simple set as **ISDN** or **NI-2** with **User Side**. If your PRI network different, you need change it. Mostly, we just need confirm Switch Side is **User Side** or **Network Side**. If you don't know the exactly information, you can try one by one.



Trunk No. 0
Trunk Name 0
Channel ID 0
D-Channel Enable
E1/T1 Port No. 0
Protocol NI2
Switch Side User Side
Alerting Indication

OK Reboot

PS: the NI-2 need Enable following

PRI Parameter

Calling Party Numbering Plan	ISDN/Telephony numbering plan
Calling Party Number Type	Unknown
Screening Indicator for Displaying Caller Number	User-provided, not screened
Screening Indicator for No Displaying Caller Number	User-provided, not screened
Called Party Numbering Plan	ISDN/Telephony numbering plan
Called Party Number Type	Unknown
Information Transfer Capability	Speech
Facility	Enable
Facility Mode	From Display Name
Facility Opcode	Global
Send Dial Tone	Disable
Alert Compensation	Enable
Send Status when IE Element Incompatible	Disable
Incoming Call Max Caps(0 for disable)	100
PRI Incoming Call Escape	Disable
PRI D Channel Share	Disable
User-user Info Passthrough to SIP	Disable
Display Info Passthrough to SIP	Enable

Reset to default configuration Reset

2.4 E1/T1 Parameter

Open the page of PSTN Group Config>>>E1/T1 Parameter.

- Status & Statistics
- Network Param Config
- PRI Config
- SST Config
- R2 Config
- PSTN Group Config
 - Clock Source
 - T1 Parameter
 - Port Number
 - Codec Group

T1 Parameter						
	Port No.	Work Mode	PCM Mode	Frame Format	Line Code	Line Built Out
<input type="checkbox"/>	0	T1	ALAW	F12/SF	B8ZS	Short Haul
<input type="checkbox"/>	1	T1	ALAW	F12/SF	B8ZS	Short Haul

Total: 2 Page1

Modify

Click the button Modify to verify the configuration and correct it.

Current Page using T1 with F12/SF.

T1 Parameter Modify

Start T1	Port 0
End T1	Port 0
Work Mode	T1
PCM Mode	A LAW
Frame Format	F12/SF
Line Code	B8ZS
Line Built Out	Short Haul(-10 DB)

If your PRI using E1, you need choose the correct Frame Format: **DF/MF/MF-CRC4**.

The Frame Format can affect the E1/T1 trunk established and voice both.

2.5 SIP Trunk

Open the page of **SIP Config>>>SIP trunk**, choose current trunk and modify.

- Status & Statistics
- Network Param Config
- PRI Config
- SS7 Config
- R2 Config
- PSTN Group Config
- SIP Config
 - SIP Parameter
 - SIP Trunk
 - SIP Account

SIP Trunk													
	Trunk No.	BI	Trunk Name	Remote Address	Remote Port	Get Callee from	Get Caller from	Register to Remote	Outgoing Call Mode	Redundancy Mode	Incoming Authentication Type	Detect Trunk Status	Enable SIP Trunk
<input type="checkbox"/>	0	GE1	IPPBX	172.19.211.110	5060(UDP)/5060(TCP)	Reques...	User N...	No	Peer	No	IP Address	No	Yes

Total: 1 Page 1 ▼

[Add](#) [Delete](#) [Modify](#) [Select All](#)

Change the **Remote Address** to the actual IPPBX.

If the **Remote Port** different, need change it also.

SIP Trunk Modify

Trunk No.	0
BI	GE1 ▼
Trunk Name	IPPBX
Remote Address	172.19.211.110
Protocol Type	UDP ▼
Remote Port(UDP)	5060
Remote Port(TCP/TLS)	5060
Outbound Proxy	
Outbound Proxy Protocol Type	UDP ▼
Outbound Proxy Port(UDP)	5060
Outbound Proxy Port(TCP/TLS)	5060
From Header	Local Domain ▼
PPID	Disable ▼
Local Domain	Disable ▼
Support SIP-T	Disable ▼
Get Callee from	Request-line ▼
Get Caller from	User Name ▼
Register to Remote	No ▼
Incoming SIP Authentication Type	IP Address ▼
Rport	Disable ▼
Dynamic Nat	Disable ▼
Static Nat	Disable ▼
Outgoing Calls Restriction	No ▼
Incoming Calls Restriction	No ▼
Incoming Time Restriction	Disable ▼
Heartbeat Bound	Disable ▼
Detect Trunk Status	No ▼
Heartbeat Username	heartbeat
Enable SIP Trunk	Yes ▼
Early Alerting	Disable ▼
No Prack for Incoming Call	Disable ▼
User to User(callee caller)	Disable ▼
Request Add Port	Disable ▼
OPTIONS Only Detects 200OK	Disable ▼
Passthrough Sip Error Code	Disable ▼
Heartbeat Bound PSTN Group	Disable ▼
From Display Name	Enable ▼

Some times, the IP side is IMS, need using domain, you can input the IMS domain to field **Remote Address** and fill the IP to field **Outbound Proxy**.

BI	GE1
Trunk Name	IPPBX
Remote Address	gd.chinatelecom.com
Protocol Type	UDP
Remote Port(UDP)	5060
Remote Port(TCP/TLS)	5060
Outbound Proxy	172.19.211.110
Outbound Proxy Protocol Type	UDP

If the IMS request register mode, Enable the option "Register to Remote" to YES.

Register to Remote	Yes
--------------------	-----

Then add the SIP account in Page **SIP Config>>>SIP Account**.

SIP Account Modify	
SIP Account ID	0
Description	8675561919966
Binding PSTN Group	None
SIP Trunk No.	0 <IPPBX>
Username	8675561919966
Authenticate ID	8675561919966@gd.chinatelecom.cc
Password	*****
Confirm Password	*****
Expire Time	1800 s
Max Calls	65535
Binding SIP Trunk	Disable
Enable Account	Yes

2.6 Call Route

Open the page **Call Routing>>>PSTN->IP**, Choose the PSTN->IP call route.

- Status & Statistics
- Network Param Config
- PRI Config
- SS7 Config
- R2 Config
- PSTN Group Config
- SIP Config
- IP Group Config
- Number Filter
- Call Routing
 - Routing Parameter
 - PSTN->IP Routing
 - PSTN->PSTN Routing
 - IP->PSTN Routing

PSTN->IP Routing									
Index	Description	Trunk No.	PSTN Group	Callee Prefix	Caller Prefix	Trunk Type	Trunk No.	Destination IP Group	Filter Profile ID
<input type="checkbox"/>	511 PRI_0toIPFX	0 <PRI_0>	---	.	.	SIP	0 <IPPBX>	---	None
									Total: 1 Page 1
<div>Add Delete Modify Select All</div>									

The default is pass all call from PSTN to IP. If you have some limited or filter or have more trunks, you can modify it.

Open the Page **Call Routing** >>>> **IP->PSTN** , Choose the PSTN->IP call route.

The default is pass all call from IP to PSTN. If you have some limited or filter or have more trunks, you can modify it.

2.7 Status Monitor

Open the page **Status&Statistics >>> E1/T1 Status**, Initiate a call to verify if it is working properly.

[illegible]

3. Scenario of SS7

Dinstar make are simple scenario for SS7 network. If you are connected to the PSTN side via SS7, you can restore the database and very less change.

If the parameters are different from those of the operator, modify them to the values provided by the PSTN side. If the configuration is the same as that of the PSTN, no modification is required.

3.1 Download Simple Database

Open the following link, to download the simple database file for SS7.

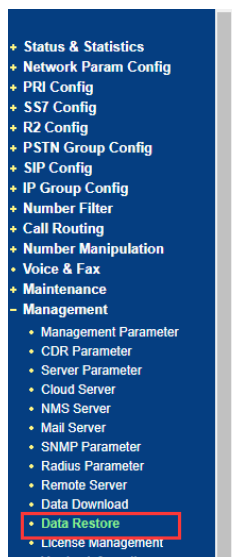
<http://fs.dinstar.com:8888/Firmware/MTG200/ExampleDB/db%20for%2002.06.21.06%20with%20SS7.1df>

PS: this file for MTG200 with version 02.06.21.06 or above.

3.2 Restore the database

Open the page Management>>Data Restore. Choose the option "Database" and upload the Database files Restore it.

Need reboot to apply that.



Then refer to the following sequence to change the configuration to the actual values.

If the parameters are different from those of the operator, modify them to the values provided by the PSTN side. If the configuration is the same as that of the PSTN, no modification is required.

3.3 SS7 Trunk

Open the page of **SS7 Config>>>SS7 Trunk**.

Status & Statistics

Network Param Config

PRI Config

SS7 Config

- SS7 Parameter
- SS7 Trunk
- SS7 MTP Link
- SS7 CIC
- SS7 Link Set
- SS7 CIC Maintain

SS7 Trunk

Trunk No.	Trunk Name	Protocol	Protocol Type	SPC Format	OPC	DPC	Network Indicator	Sending SLTM	Link Set No.	
<input type="checkbox"/>	0	SS7_0	ITU	ISUP	14bits(3-8-3)	1-2-3	4-5-6	National Network	Enable	None
<div><div>Add</div><div>Delete</div><div>Modify</div></div>										

Choose the Trunk 0 and check the SS7 Trunk configuration.

Before it, please try to get the SS7 trunk information from provider, like Protocol, Protocol Type, SPC Format, OPC, DPC, each parameter must be modified to the corresponding value of the other end.

SS7 Trunk Modify

Trunk No.	<input type="text" value="0"/>
Trunk Name	<input type="text" value="SS7_0"/>
Protocol	<input type="text" value="ITU"/>
Protocol Type	<input type="text" value="ISUP"/>
SPC Format	<input type="text" value="14bits(3-8-3)"/>
OPC	<input type="text" value="1-2-3"/>
DPC	<input type="text" value="4-5-6"/>
Support APC	<input type="text" value="Disable"/>
Network Indicator	<input type="text" value="National Network"/>
Sending SLTM	<input type="text" value="Enable"/>
Link Set No.	<input type="text" value="None"/>

3.4 SS7 Single Link

Open the page of **SS7 Config>>>SS7 MTP Link**,

Status & Statistics

Network Param Config

PRI Config

SS7 Config

- SS7 Parameter
- SS7 Trunk
- SS7 MTP Link
- SS7 CIC
- SS7 Link Set

SS7 MTP Link

No.	Trunk No.	Link No.	Link Code	E1/T1 Port No.	Channel No.	Caller Type	Callee Type	OrgCallee Type	Numbering Plan	Calling Presentation	Screening Indicator	Called ST	Calling ST	Link Mode	BST
<input type="checkbox"/>	0	0	0	0	0	1	Not Confir...	Not Confir...	ISDN	Allowed	User Pr...	Disable	Disable	Default N...	
<div><div>Add</div><div>Delete</div><div>Modify</div></div>															

Choose the Link 0 and check each parameter and modify each parameter to the correct value.

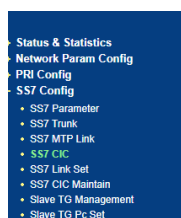
Like the Single Link channel No. Current using Channel 1 , some one using Channel 16.

SS7 MTP Link Modify

No.	<input type="text" value="0"/>
Trunk No.	<input type="text" value="0"/>
Link No.	<input type="text" value="0"/> ▼
Signaling Link Code	<input type="text" value="0"/>
E1/T1 Port No.	<input type="text" value="0"/>
Channel No.	<input type="text" value="1"/>
Caller Type	<input type="text" value="Not Configured"/> ▼
Callee Type	<input type="text" value="Not Configured"/> ▼
OrgCallee Type	<input type="text" value="Not Configured"/> ▼
Numbering Plan	<input type="text" value="ISDN"/> ▼
Calling Presentation	<input type="text" value="Allowed"/> ▼
Screening indicator	<input type="text" value="User Provided"/> ▼
Called Stop Sending	<input type="text" value="Disable"/> ▼
Calling Stop Sending	<input type="text" value="Disable"/> ▼
Transmission Medium Requirement	<input type="text" value="Speech"/> ▼
Link Mode	<input type="text" value="Default"/> ▼
Binding Slave TG	<input type="text" value="None"/> ▼

3.5 SS7 CIC

Open the page of **SS7 Config>>>SS7 CIC**,



SS7 Circuit					
	Trunk No.	E1/T1 Port No.	Start Channel	Start CIC No.	Count
<input type="checkbox"/>	0	0	1	1	24
<input type="button" value="Add"/> <input type="button" value="Delete"/> <input type="button" value="Modify"/> <input type="button" value="Select All"/>					

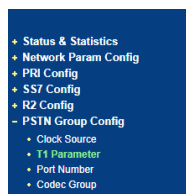
Choose the CIC setting of Trunk 0 and correct CIC range.

SS7 Circuit Modify

Trunk No.	<input type="text" value="0"/>
E1/T1 Port No.	<input type="text" value="0"/> ▼
Start Channel	<input type="text" value="1"/>
Start CIC No.	<input type="text" value="1"/>
Count	<input type="text" value="24"/>

3.6 E1/T1 Parameter

Open the page of **PSTN Group Config>>>E1/T1 Parameter**.



T1 Parameter						
	Port No.	Work Mode	PCM Mode	Frame Format	Line Code	Line Built Out
<input type="checkbox"/>	0	T1	ALAW	F12/SF	B8ZS	Short Haul
<input type="checkbox"/>	1	T1	ALAW	F12/SF	B8ZS	Short Haul

Total: 2 Page 1

Modify

Click the button Modify to verify the configuration and correct it.

Current Page using T1 with F12/SF.

T1 Parameter Modify

Start T1	Port 0
End T1	Port 0
Work Mode	T1
PCM Mode	A LAW
Frame Format	F12/SF
Line Code	B8ZS
Line Built Out	Short Haul(-10 DB)





































































































If your PRI using E1, you need choose the correct Frame Format: **DF/MF/MF-CRC4**.

The Frame Format can affect the E1/T1 trunk established and voice both.

If everything is Ok, you will see the SS7 trunk status in page **Status&Statistics >>> E1/T1 Status**.

E1/T1 Port Status				
Port No.	0	1	2	3
DTU 0				

NOTES: Activated Disable Not Authorized LOS Alarm Calls Exceed
 RAI Alarm AIS Alarm ISDN/SS7 Signal Alarm Auto Closed

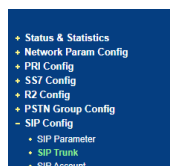
E1/T1 Channel Status																									
Channel No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Port 0																									
Port 1																									
Port 2																									
Port 3																									

Status	Frame-S...	Idle	Signal	Progress	Ring	Talk	Release	Fault	Disable	L-block...	R-bloc...	B-bloc...
Color												
Totalize	1	23	1	0	0	0	0	0	75	0	0	0

NOTES: L-Blocked -- Local Blocked, R-Blocked -- Remote Blocked, B-Blocked -- Both Sides Blocked

3.7 SIP Trunk

Open the page of **SIP Config>>>SIP trunk**, choose current trunk and modify.



SIP Trunk													
	Trunk No.	BI	Trunk Name	Remote Address	Remote Port	Get Callee from	Get Caller from	Register to Remote	Outgoing Call Mode	Redundancy Mode	Incoming Authentication Type	Detect Trunk Status	Enable SIP Trunk
<input type="checkbox"/>	0	GE1	IPPBX	172.19.211.110	5060(UDP)/5060(TCP)	Request...	User N...	No	Peer	No	IP Address	No	Yes
Total: 1 Page 1													

Add Delete Modify Select All

Change the **Remote Address** to the actual IPPBX.

If the **Remote Port** different, need change it also.

SIP Trunk Modify	
Trunk No.	0
BI	GE1 ▼
Trunk Name	IPPBX
Remote Address	172.19.211.110
Protocol Type	UDP ▼
Remote Port(UDP)	5060
Remote Port(TCP/TLS)	5060
Outbound Proxy	
Outbound Proxy Protocol Type	UDP ▼
Outbound Proxy Port(UDP)	5060
Outbound Proxy Port(TCP/TLS)	5060
From Header	Local Domain ▼
PPID	Disable ▼
Local Domain	Disable ▼
Support SIP-T	Disable ▼
Get Callee from	Request-line ▼
Get Caller from	User Name ▼
Register to Remote	No ▼
Incoming SIP Authentication Type	IP Address ▼
Rport	Disable ▼
Dynamic Nat	Disable ▼
Static Nat	Disable ▼
Outgoing Calls Restriction	No ▼
Incoming Calls Restriction	No ▼
Incoming Time Restriction	Disable ▼
Heartbeat Bound	Disable ▼
Detect Trunk Status	No ▼
Heartbeat Username	heartbeat
Enable SIP Trunk	Yes ▼
Early Alerting	Disable ▼
No Prack for Incoming Call	Disable ▼
User to User(callee caller)	Disable ▼
Request Add Port	Disable ▼
OPTIONS Only Detects 200OK	Disable ▼
Passthrough Sip Error Code	Disable ▼
Heartbeat Bound PSTN Group	Disable ▼
From Display Name	Enable ▼

Some times, the IP side is IMS, need using domain, you can input the IMS domain to field **Remote Address** and fill the IP to field **Outbound Proxy**.

BI	GE1
Trunk Name	IPPBX
Remote Address	gd.chinatelecom.com
Protocol Type	UDP
Remote Port(UDP)	5060
Remote Port(TCP/TLS)	5060
Outbound Proxy	172.19.211.110
Outbound Proxy Protocol Type	UDP

If the IMS request register mode, Enable the option "Register to Remote" to YES.

Register to Remote	Yes
--------------------	-----

Then add the SIP account in Page **SIP Config>>>SIP Account**.

SIP Account Modify	
SIP Account ID	0
Description	8675561919966
Binding PSTN Group	None
SIP Trunk No.	0 <IPPBX>
Username	8675561919966
Authenticate ID	8675561919966@gd.chinatelecom.cc
Password	*****
Confirm Password	*****
Expire Time	1800 s
Max Calls	65535
Binding SIP Trunk	Disable
Enable Account	Yes

3.8 Call Route

Open the page **Call Routing>>>PSTN->IP**, Choose the PSTN->IP call route.

<ul style="list-style-type: none"> • Status & Statistics • Network Param Config • PRI Config • SS7 Config • R2 Config • PSTN Group Config • SIP Config • IP Group Config • Number Filter • Call Routing <ul style="list-style-type: none"> • Routing Parameter • PSTN->IP Routing • PSTN->PSTN Routing • IP->PSTN Routing • Number Manipulation • Voice & Fax • Maintenance • Management 	<table> <tr> <th colspan="10">PSTN->IP Routing</th> </tr> <tr> <th>Index</th> <th>Description</th> <th>Trunk No.</th> <th>PSTN Group</th> <th>Callee Prefix</th> <th>Caller Prefix</th> <th>Trunk Type</th> <th>Trunk No.</th> <th>Destination IP Group</th> <th>Filter Profile ID</th> </tr> <tr> <td><input type="checkbox"/></td> <td>511</td> <td>SS7_0toIP...</td> <td>0 <SS7_0></td> <td>---</td> <td>---</td> <td>SIP</td> <td>0 <IPPBX></td> <td>---</td> <td>None</td> </tr> </table>										PSTN->IP Routing										Index	Description	Trunk No.	PSTN Group	Callee Prefix	Caller Prefix	Trunk Type	Trunk No.	Destination IP Group	Filter Profile ID	<input type="checkbox"/>	511	SS7_0toIP...	0 <SS7_0>	---	---	SIP	0 <IPPBX>	---	None
	PSTN->IP Routing																																							
	Index	Description	Trunk No.	PSTN Group	Callee Prefix	Caller Prefix	Trunk Type	Trunk No.	Destination IP Group	Filter Profile ID																														
	<input type="checkbox"/>	511	SS7_0toIP...	0 <SS7_0>	---	---	SIP	0 <IPPBX>	---	None																														
	<div> Add Delete Modify Select All </div>																																							
	Total: 1 Page 1																																							

The default is pass all call from PSTN to IP. If you have some limited or filter or have more trunks, you can modify it.

Route PSTN->IP Modify

Index	511
Description	SS7_0toIPPX
Source Type	Trunk
PSTN Trunk	0 <SS7_0>
Callee Prefix	.
Caller Prefix	.
Destination Type	Trunk
Trunk Type	SIP
IP Trunk No.	0 <IPPBX>
Filter Profile ID	255 <None>

Open the Page **Call Routing** >>>> **IP->PSTN** , Choose the PSTN->IP call route.

- Status & Statistics
- Network Param Config
- PRI Config
- SS7 Config
- R2 Config
- PSTN Group Config
- SIP Config
- IP Group Config
- Number Filter
- Call Routing
 - Routing Parameter
 - PSTN->IP Routing
 - PSTN->PSTN Routing
 - IP->PSTN Routing
- Number Manipulation
- Voice & Fax
- Maintenance
- Management

IP->PSTN Routing

Index	Description	Trunk Type	Trunk No.	IP Group	Callee Prefix	Caller Prefix	Destination PSTN Trunk	Destination PSTN Group	Filter Profile ID
<input type="checkbox"/> 511	IPPXtoSS7_0	SIP	0 <IPPBX>	---	.	.	0 <SS7_0>	---	None

Total: 1 Page 1





The default is pass all call from IP to PSTN. If you have some limited or filter or have more trunks, you can modify it.










IP->PSTN Routing Modify





































































































Index	511
Description	IPPXtoSS7_0
Source Type	Trunk
Trunk Type	SIP
Trunk No.	0 <IPPBX>
Callee Prefix	.
Caller Prefix	.
Destination Type	Trunk
PSTN Trunk	0 <SS7_0>
Filter Profile ID	255 <None>












3.9 Status Monitor

Open the page **Status&Statistics** >>> **E1/T1 Status**, Initiate a call to verify if it is working properly.

E1/T1 Port Status				
Port No.	0	1	2	3
DTU 0				

NOTES:  Activated  Disable  Not Authorized  LOS Alarm  Calls Exceed
 RAI Alarm  AIS Alarm  ISDN/SS7 Signal Alarm  Auto Closed

E1/T1 Channel Status																									
Channel No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Port 0																									
Port 1																									
Port 2																									
Port 3																									

Status	Frame-S...	Idle	Signal	Progress	Ring	Talk	Release	Fault	Disable	L-block...	R-bloc...	B-bloc...
Color												
Totalize	1	22	1	0	0	1	0	0	75	0	0	0

NOTES: L-Blocked -- Local Blocked, R-Blocked -- Remote Blocked, B-Blocked -- Both Sides Blocked