

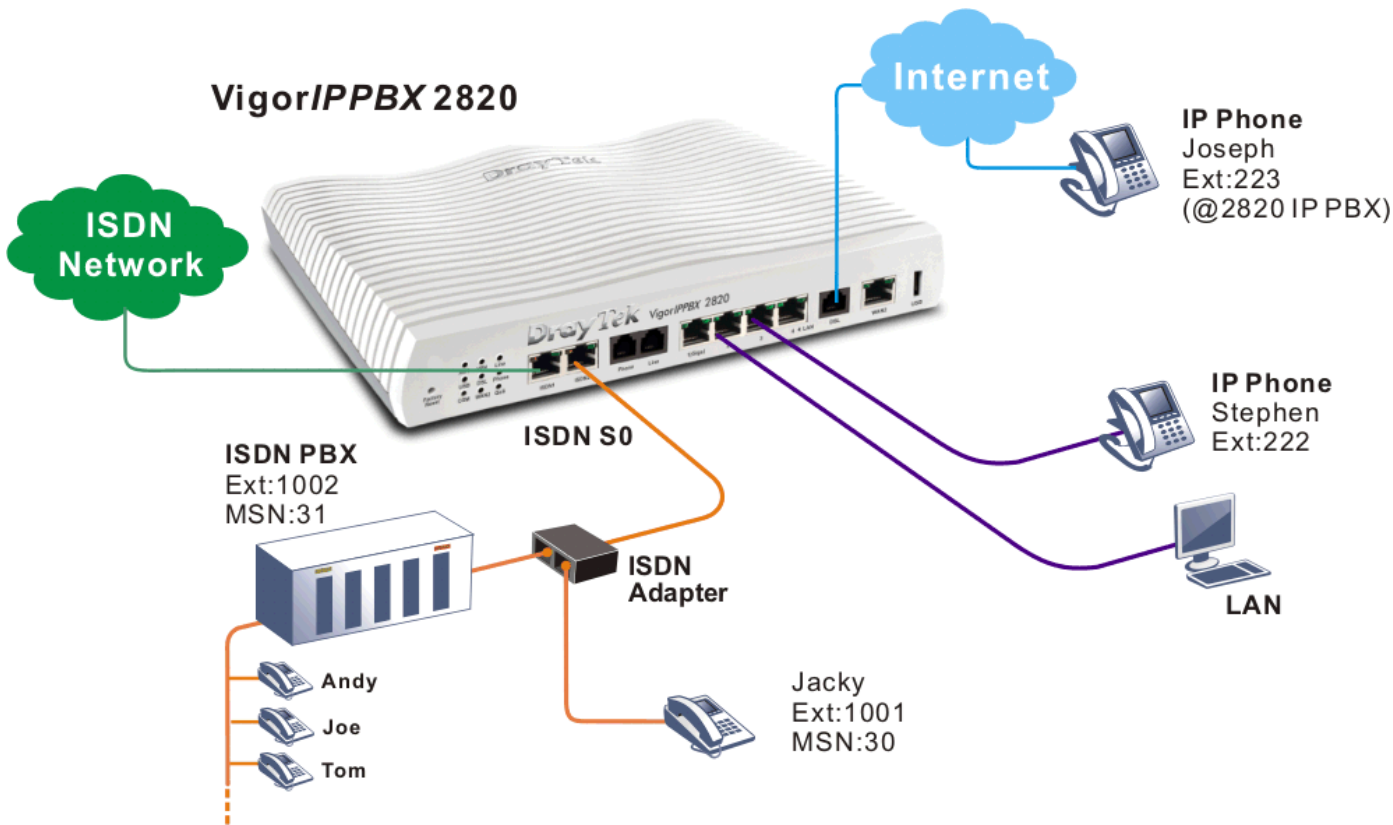
How to configure and use ISDN-S0 MSN on VigorIPPBX 2820

Why need ISDN-S0 MSN?

The ISDN S0 port of Vigor2820VS/VigorIPPBX 2820 can connect with two ISDN phones or connect to an ISDN PBX with multiple ISDN devices connected.

For there are so many ISDN devices, we can set different MSN numbers for mapping different ISDN devices.

Below shows an example of connection structure for your reference.



Note: ISDN Phone adapter must connect to Vigor Router's ISDN S0 port, otherwise Vigor Router will not provide power/isdn signal to the S0 port.

How to configure ISDN S0 MSN?

1. Access into the web configuration page of VigorIPPBX 2820.
2. Open **IPPBX>>Extension** and click one of the index links to set extension profile.
3. Select **ISDN1-S0** and relevant MSN (from 30-39) for the Type setting.

It means When someone calls ext:**1001**, VigorIPPBX 2820 will forward such call to the device connected to VigorIPPBX 2820 ISDN S0 port with MSN number “30”.

IP PBX >> Extension Profile

Internal Phone Extension Index 1

Internal Phone Extension Active	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Extension Number	<input type="text" value="1001"/>
Display Name	<input type="text" value="1001"/>
Type	<input type="text" value="ISDN1-S0"/> <input type="text" value="30"/>
<input checked="" type="checkbox"/> Authentication	
Password	<input type="password" value="••••"/>
E-mail Address	<input type="text"/> <input type="button" value="Send a test e-mail"/>
Voice mail Password	<input type="password" value="••••"/>
MWI	<input checked="" type="radio"/> Notify User who Subscribed <input type="radio"/> Force Notify User
Outgoing Call Use	<input checked="" type="checkbox"/> SIP1 <input checked="" type="checkbox"/> SIP2 <input checked="" type="checkbox"/> SIP3 <input checked="" type="checkbox"/> SIP4 <input checked="" type="checkbox"/> SIP5 <input checked="" type="checkbox"/> SIP6 <input checked="" type="checkbox"/> ISDN2-TE
Answer Mode	
No answer after	<input type="text" value="120"/> sec then <input type="text" value="Keep Ring"/>
Busy then	<input type="text" value="Do Nothing"/>
Not on-line	<input type="text" value="Do Nothing"/>

IP PBX >> Extension

Internal Phone Extension

Index	Ext.	Name	Email Address	Outgoing Call	Status
1.	1001	Jacky		SIP1	v
2.	1002	Tom		SIP1	v
3.	1003	Joe		SIP1	v

The MSN number for the connected ISDN device also must be set with 30.

How to dial out through the device connected ISDN S0 port

- To dial out an SIP call, please dial the trunk number for SIP Trunk (e.g., dial 001 if you want to use iptel SIP account) first and then dial the SIP number of the peer.

IP PBX >> SIP Trunk List

SIP Trunk List Refresh Seconds: 5 | [Refresh](#) |

Index	Profile Name	Domain/Realm	Proxy	Account Number/Name	Trunk Number	Status
1.	iptel	iptel.org	iptel.org	88888123	001	-
2.	draytel	draytel.org	draytel.org	8114345	002	-
3.					003	-
4.					004	-
5.					005	-
6.					006	-

R: Success registered on SIP server
-: Fail to register on SIP server

- To dial out an ISDN call, please dial the extension number (e.g., 904) for ISDN TE port first and then the ISDN number of the peer.

IP PBX >> PBX System

ISDN2-TE

Call Feature <input type="checkbox"/> Session Timer <input type="text" value="90"/> sec <input type="checkbox"/> DND(Do Not Disturb) Mode Index(1-15) in Schedule Setup: <input type="text"/> , <input type="text"/> , <input type="text"/> , <input type="text"/> Note: Action and Idle Timeout settings will be ignored. <input type="checkbox"/> CLIR (hide caller ID)	Codecs Prefer Codec <input type="text" value="G.729A/B (8Kbps)"/> <input type="button" value="v"/> <input type="checkbox"/> Single Codec Packet Size <input type="text" value="20ms"/> <input type="button" value="v"/> Voice Active Detector <input type="text" value="Off"/> <input type="button" value="v"/> Extension Number <input type="text" value="904"/>
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