



Innovative IP-PBXs

License-free for up to
500 subscribers

MyPBX

tiptel

The new VoIP-PBXs for small and medium sized enterprises, license-free for up to 500 subscribers

With the four IP-PBXs, MyPBX SOHO, MyPBX U100, MyPBX U200, and MyPBX U500/U510/U520 Tiptel provides another component for IP solutions from one source. Powerful, modular and at an attractive price, this is how the new IP-PBX family presents itself. All models have the same software basis and configuration. Auto-provisioning for Tiptel IP phones is of course implemented.

PBXs of the MyPBX-family are the ideal choice for small and medium sized enterprises with less than 30 and up to 500 subscribers. Up to 80 phone calls at any one time are possible. The PBXs are easy to install, comfortable to manage and intuitive to use. The composition of the PBXs is modular. This means that beside SIP-trunks and SIP-extensions they can be upgraded with analog FXO ports and extensions as well as with ISDN-, GSM-, and UMTS-SIM-cards – just as needed. Different from other IP-PBXs there are no license fees subsequent to the purchase required. With PBXs from the MyPBX-family also small and medium sized enterprises can uncompromisingly benefit from competitive IP-telephony with their comprehensive functions and features.

Amongst other issues all PBXs are equipped with: Voice dialog system, interactive voice response (IVR), forwarding with/without consultation, conference calls, call groups, on hold, Skype integration, speed dialing, answering machine, auto-provisioning for IP-phones (from Tiptel, Aastra, Cisco, Polycom, Snom, and Yealink), DDNS, VLAN: VLAN over LAN, VLAN over WAN, Open VPN Client

Additional licenses are available for a number of applications, e.g. for:

- Billing management
- Software client
- Call recording
- Hotel solutions



The MyPBX series at a glance

MyPBX SOHO

MyPBX SOHO is a self-contained hybrid PBX for up to 32 subscribers, especially designed to meet the requirements of small offices and enterprises. This PBX allows the integration of ISDN and PSTN lines and a VoIP infrastructure. It supports up to 15 simultaneous calls and comprises two module slots for analog and ISDN ports.



The basic model
MyPBX SOHO

The highlights of MyPBX SOHO

- Easy control via a web based user interface
- Modular platform with FXO-, FXS-, and BRI-slots
- Compatible with IP-phones tiptel 3110, 3120, and 3130 as well as further popular VoIP-terminals
- No additional license-fees for subscribers
- High security standard
- Low power consumption

MyPBX U100, U200, U500/510/520

These 3 hybrid IP-PBXs are rack mountable. Besides SIP-trunks and SIP-extensions they can be also modularly extended with BRI ports (point-to-point and multipoint interface) and with an analog port for the public telephone network (PSTN). Apart from this the optional upgrading can build analog extensions as well as GSM and UMTS functionalities. All PBXs provide one audio input and one audio output.

MyPBX U100

MyPBX U100 is a PBX for up to 100 extensions. It allows 25 simultaneous calls and provides you with 8 module slots.

MyPBX U200

MyPBX U200 allows up to 200 extensions und 50 simultaneous calls. The PBX has 8 module slots.

MyPBX U500 / U510 / U520

MyPBX U500 has been designed for enterprises with up to 500 subscribers. This PBX supports 80 simultaneous calls and has 8 module slots. Optionally, you can connect a 2.5" HDD (SATA2) which can be used to store messages for the answering machine or recorded (screened) calls.

MyPBX U510

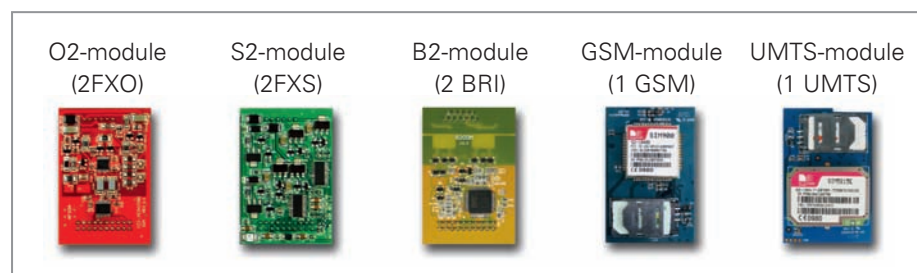
■ 1 additional PRI (E1)

MyPBX U520

■ 2 additional PRI (E2)

The highlights of MyPBX U100 / U200 / U500 / U510 / U520

- Easy control via a web based user interface
- Flexible platform with FXO-, FXS-, ISDN BRI-, GSM-, and UMTS-modules
- Compatible with IP phones tiptel 3110, 3120, and 3130 as well as popular VoIP-terminals
- No additional license fees
- Low power consumption
- In case of very high requirements Enterprise Variants allow you to have a second system in 'hot-standby' which in case of a failure can take over any time



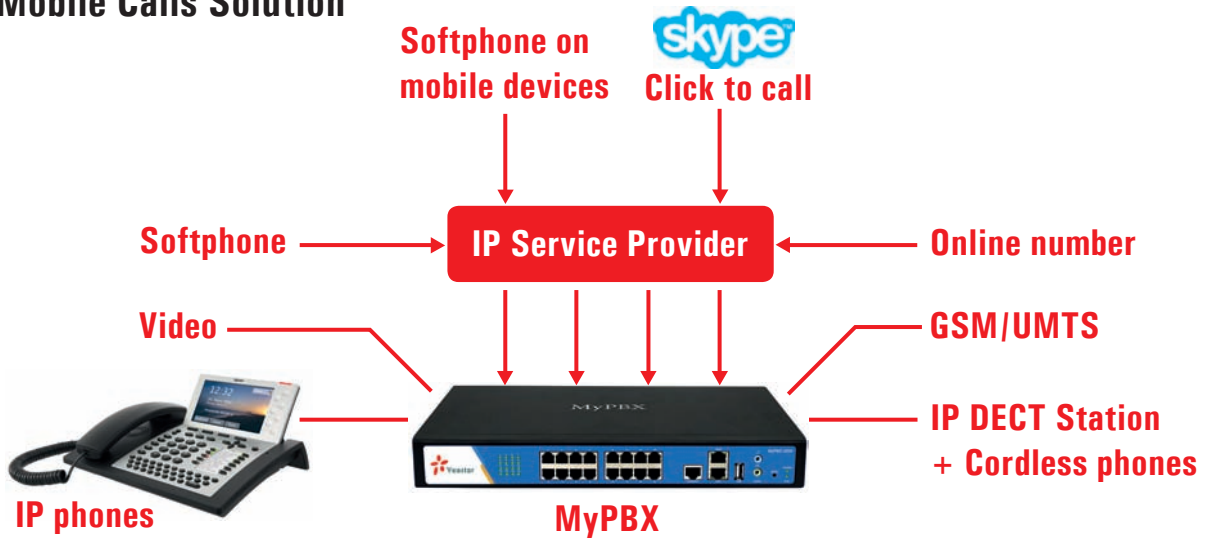
The rack models **MyPBX U100** and **U520**



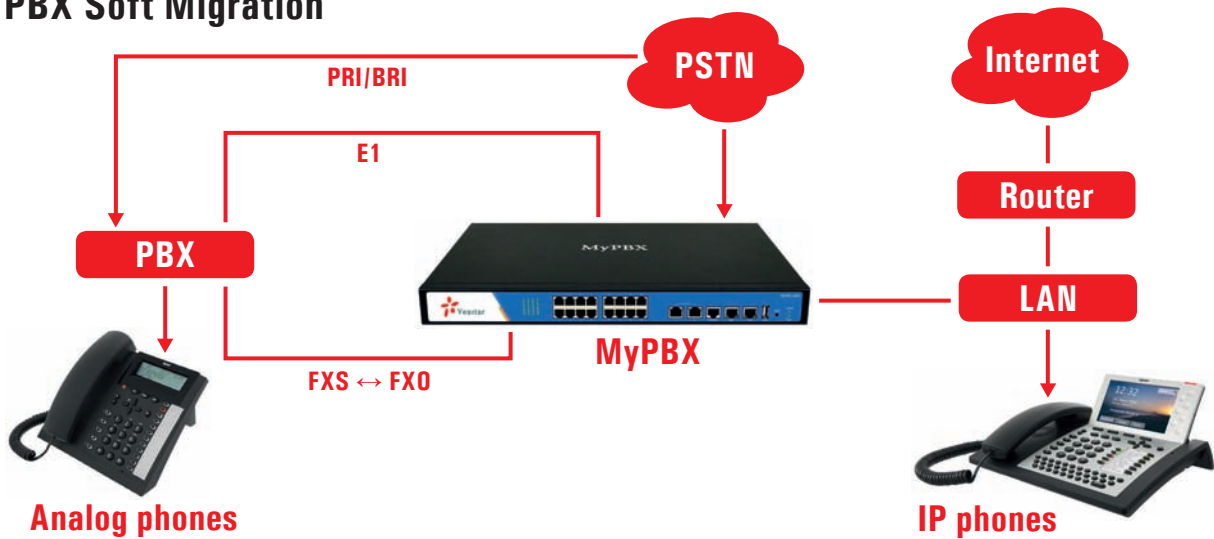
Function	Model	SOHO	U100	U200	U500/10/20
Ports					
Number of IP extensions		32	100	200	500
Concurrent calls		15	25	50	80
Module slots		2	8	8	8
Primary Rate Interface (PRI)		–	–	–	0/1/2
LAN port		10/100 Mbit/s	10/100 Mbit/s	10/100 Mbit/s	10/100/1000 Mbit/s
WAN port		–	10/100 Mbit/s	10/100 Mbit/s	10/100/1000 Mbit/s
Audio in port		–	1	1	–
Audio out port		–	1	1	–
USB port		–	1	1	1
RS-232 port		–	1	1	1
Hard disk support 2.5" SATA2		–	–	–	•
Available modules (optional)					
O2-module: 2 FX0 ports		•	•	•	•
S2-module: 2 FXS ports		•	•	•	•
B2-module: 2 BRI ports		•	•	•	•
GSM-module: 1 GSM port		–	•	•	•
UMTS-module: 1 UMTS port		–	•	•	•
Basic Features					
Automated Attendant (IVR)		•	•	•	•
Attend Transfer		•	•	•	•
Blind Transfer		•	•	•	•
Call Back		•	•	•	•
Call Detail Records (CDR)		•	•	•	•
Call Forward		•	•	•	•
Call Parking		•	•	•	•
Call Pickup		•	•	•	•
Call Routing		•	•	•	•
Call Waiting		•	•	•	•
Caller ID		•	•	•	•
Conference		•	•	•	•
Do Not Disturb (DND)		•	•	•	•
Follow me		•	•	•	•
Intercom/Zone Intercom		•	•	•	•
Music on Hold		•	•	•	•
Music on Transfer		•	•	•	•
Queue		•	•	•	•
Ring Group		•	•	•	•
Skype Integration (Skype Connect)		•	•	•	•
Speed Dial		•	•	•	•
Voicemail		•	•	•	•
Advanced Features					
Call Recording		–	•*	•*	•
Direct Inward System Access (DISA)		•	•	•	•
Distinctive Ringtone		•	•	•	•
Mobility Extension		•	•	•	•
Dial by Name		•	•	•	•
One touch recording		•	•	•	•
Phone Provisioning for Tiptel, Cisco, Yealink, Snom, Aastra, Polycom IP Phone		•	•	•	•
QoS (voice quality)		•	•	•	•
Redundancy (Hot Standby)		–	•	•	•
Route by Caller ID		•	•	•	•
Spy functions (Normal Spy, Whisper Spy, Barge Spy)		•	•	•	•
Static Route		•	•	•	•
Security					
Firewall		•	•	•	•
SIP TLS transport		•	•	•	•
SRTP (RTP encryption)		•	•	•	•
Faxes					
Faxes to an e-mail		–	•	•	•
Incoming faxes detected		–	•	•	•
T30, T38 faxes		–	•	•	•
SMS Features (GSM or UMTS module required)					
E-mail to SMS		–	•	•	•
SMS to an e-mail		–	•	•	•
Network					
DHCP Server		•	•	•	•
DHCP Client		•	•	•	•
Static IP		•	•	•	•
PPPOE (WAN)		–	•	•	•
DDNS		•	•	•	•
VLAN: VLAN over LAN, VLAN over WAN		•	•	•	•
Open VPN Client		•	•	•	•
VoIP					
Protocol: SIP (RFC3261), IAX2		•	•	•	•
Transport: UDP, TCP, TLS, SRTP		•	•	•	•
DTMF: RFC2833, SIP INFO, In-band		•	•	•	•
Codec: G.711 (a-law, u-law), G.722, G.726, G.729 A, GSM, Speex, ADPCM, H261, H263, H263p, H264, MPEG4		•	•	•	•
Technical data					
Size		193x153x30mm	438x280x44mm	438x280x44mm	438x280x44mm
Rack-mountable 1 unit		–	•	•	•
Weight		0,5 kg	2,1 kg	2,1 kg	3,4 kg
Onboard Flash		512 MB	512 MB	512 MB	512 MB
Onboard RAM		256 MB	512 MB	512 MB	1 GB
Power Supply		DC 12V/1A	AC 100~240 V, 50~60 Hz	AC 100~240 V, 50~60 Hz	AC 100~240 V, 50~60 Hz
Maximum Power Consumption		12 W	60 W	60 W	60 W
Operation Range		0 ° to 40 °C	0 ° to 40 °C	0 ° to 40 °C	0 ° to 40 °C
Storage Range		-20 ° to 65 °C	-20 ° to 65 °C	-20 ° to 65 °C	-20 ° to 65 °C
Humidity, non-condensing		10-90%	10-90%	10-90%	10-90%

* Call recording files are stored on a USB device

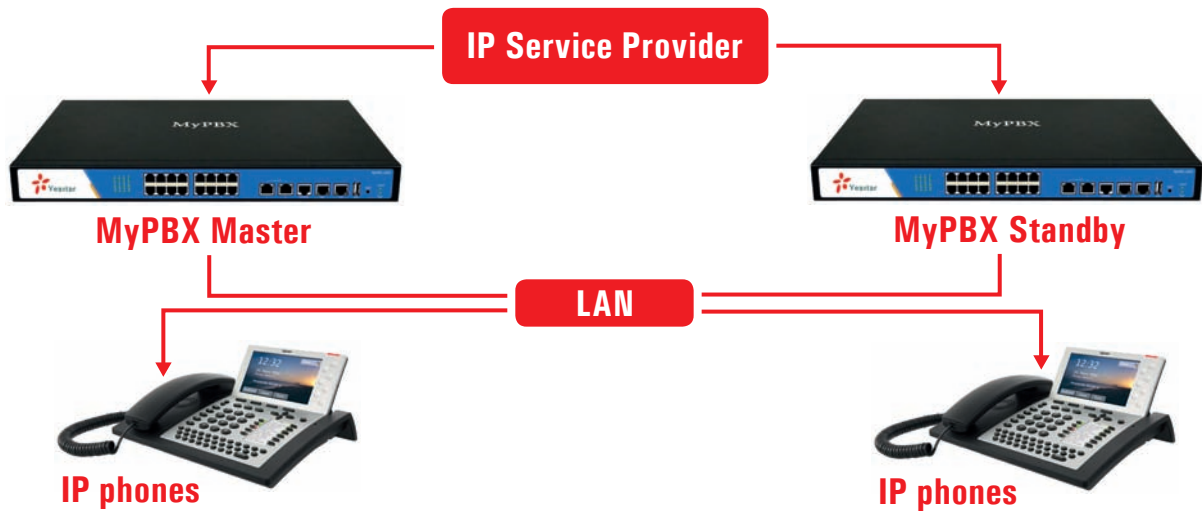
Mobile Calls Solution



PBX Soft Migration



Redundant Failover Solution



About Tiptel

Tiptel.com GmbH Business Solution is an international operating company specialised in information and telecommunication technology. The German manufacturer located in Ratingen near Düsseldorf has its own distribution companies in Belgium, France, in the Netherlands, Austria, and in Switzerland.

Tiptel develops projects and distributes: telephone systems, professional telephones and answering machines for business communication, ergonomic fixed network and mobile telephones for suitability and activity related communication as well as IP telephones. Tiptel's VoIP telephones are based on the open standard SIP (Session Initiation Protocol) and stand for high security standards and a wide range of functions which simplify our daily communication.

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