

Installing E400P card

Thank you for purchasing the E400P card.
Here are the example steps to install the card:

1) download the suitable driver from:
<http://e400p.pbxhardware.com/driver/>

2) compile the driver
cd /usr/src/
wget <http://e400p.pbxhardware.com/driver/zaptel-1.0.9.2.tar.gz>
tar xvfzp zaptel-1.0.9.2.tar.gz
ln -s zaptel-1.0.9.2 zaptel
cd zaptel
make install

3) configure the /etc/zaptel.conf according to your needs, eg:
This is the most standard config for incoming circuits that provide synchronization clock from the circuit:

```
span=1,1,0,ccs,hdb3,crc4  
span=2,2,0,ccs,hdb3,crc4  
span=3,3,0,ccs,hdb3,crc4  
span=4,4,0,ccs,hdb3,crc4
```

```
bchan=1-15,17-31  
dchan=16  
bchan=32-46,48-62  
dchan=47  
bchan=63-77,79-93  
dchan=78  
bchan=94-108,110-124  
dchan=109
```

4) proceed to installing libpri and Asterisk PBX(TM) and configuring zapata.conf
eg: the standard config:
context=incoming
switchtype=euroisdn
signalling=pri_cpe
channel => 1-15,17-31,32-46,48-62,63-77,79-93,94-108,110-124
or channel => 1-15,17-31 ; for one circuit to test

5) in asterisk command line type “pri debug span 1” or “pri intense debug span 1” to see the ISDN PRI signalling messages

6) If you have any more questions please email support@pbxhardware.com