

**APPLICATION NOTE – 20**

**Product:** ETERNITY NE

**Feature:** VoIP Calls over UMTS (3G) Mobile Networks

**Product Positioning:**

ETERNITY NE is a compact IP-PBX specifically designed to offer high-end features and functionalities to small businesses.



**IP Extensions:**

ETERNITY NE comes in a standard configuration of analog trunk lines and analog and digital extensions for start-up businesses with basic requirements. Its modular design offers the flexibility to integrate GSM, UMTS (3G) and VoIP on the same platform in form of optional, field-pluggable modules. Integrating the VoIP module, 8 built-in IP extensions and 4 IP trunks can be availed. The IP users can be increased to a total of 16, availing an IP8 User License.



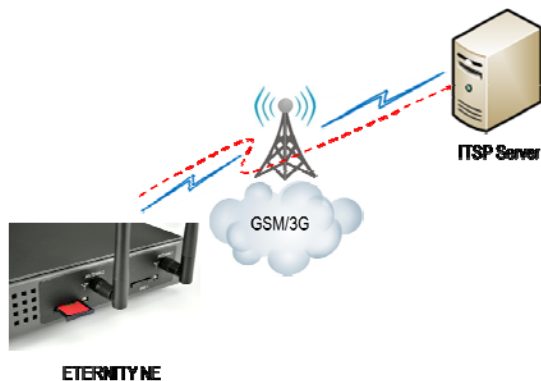
Optional VoIP Module

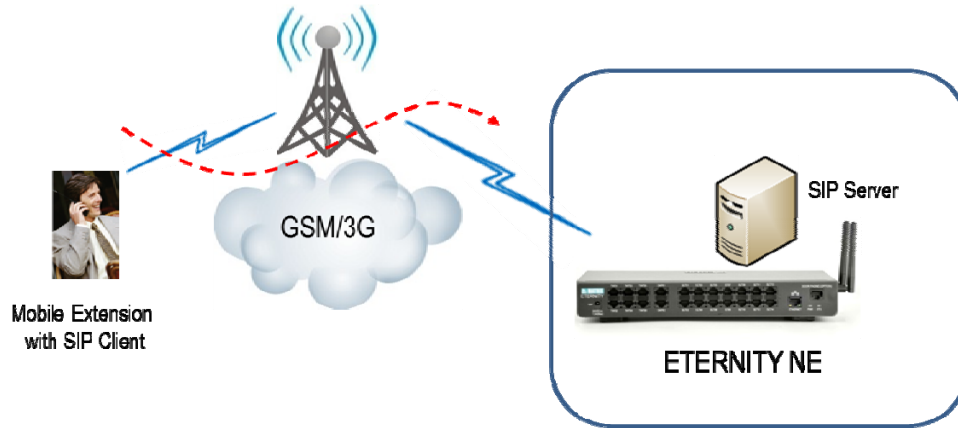
**Choice of IP Extension:**

An IP extension of ETERNITY NE can be SIP based VoIP desk phone or a SIP soft phone. A GSM/UMTS (3G) handset with SIP client may also work as an IP extension of the SIP server.

**VoIP Calls over Mobile Networks:**

In the non-availability or absence of wired internet connection, ETERNITY NE can be connected to the IP network over the mobile networks. ETERNITY NE can accommodate 2 GSM/UMTS (3G) modules (1 SIM per module). The IP-PBX can thereby wirelessly connect to the IP network.





With the mobile SIP extension, a roaming employee can also connect to ETERNITY NE over the data GSM/3G networks. Once registered with the SIP server, these mobile users become an IP extension of NE, enjoying alike features as any other IP extension-directly in the LAN network of the IP-PBX. These users can call other NE extensions directly dialing the programmed extension numbers, place external calls using trunk lines of NE, forward and transfer calls, access voice mail and others features.

**Benefit:**

- Place VoIP calls using data mobile networks in absence of fixed-line IP connectivity

Release	21 <sup>st</sup> January, 2011
Product Name	ETERNITY NE2, NE3, NE4 and NE6
Hardware/Software Release	V1R1/V1R1