Abstract

The drawback of EAPBX system is that it required extra wiring and the extensions are very difficult to manage. The solution to this problem is the use of Internet protocol which carries voice as a data called “Voice over Internet Protocol”. The advantage of this system is that it uses the existing network connection installed for the organization and the management of the extensions are very easy as it can be managed from the web browser. The system is cost
Low Cost IP Private Branch Exchange (PBX) efficient as it uses only one computer system as a server with Linux based operating system called “trixbox”. The system uses the USB handset as an interfacing device like telephone.

Reference

- “Conferencing, Paging, Voice Mailing via Asterisk EPBX” Ale Imran1, Mohammed A Qadeer2, 2009 International Conference on Computer Engineering and Technology
- “trixbox made easy” Barrie Dempster and Kerry Garrison , Packet Publication 2006
- ASR System Integration with Asterisk for SIP or IAX Softphone clients, 2009 International Association of Computer Science and Information Technology - Spring Conference Saurabh Goel, Vikash Garg, Prashant Ranjan, Satyanarayan Rao, Mahua Bhattacharya, Department of Information Technology, Indian Institute of Information Technology and Management, Gwalior, MP, INDIA

Index Terms

Computer Science Communications
**Key words**

<table>
<thead>
<tr>
<th>SIP</th>
<th>VoIP</th>
<th>trixbox</th>
<th>USB handset</th>
</tr>
</thead>
</table>