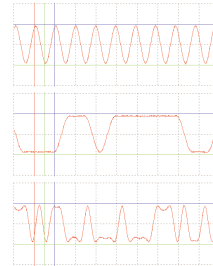




Open Interoperability Solutions

The XIPPR Mini Telecommunications Server



Low Cost, Customizable, Powerful, New, Simply Outstanding and Unique.

Open and Affordable Interoperability

- The XIPPR Mini-Server is a complete telecommunications system that features the ability to interconnect VoIP networks to Push To Talk (PTT) radio communications equipment and systems.
- Its use of open standards and software reduces vendor lock-in and provides a longer service life with a continuous stream of new features.
- Because the XIPPR is largely based on commercial off the shelf components without extensive proprietary hardware requirements the hardware is inexpensive and reliable.
- The resulting system offers a low cost of acquisition and operation which in turn provides a very quick return on investment.
- Yet the XIPPR is easily scalable in a manner that allows all initial components to continue to be used as the system grows.

Features and Benefits for Your Organization

- Combined Strategic (Telephone) and Tactical (PTT Radio) Communications Networks.
- Increased productivity, quality and safety.
- Improved Workforce Mobility at Reduced Costs.
- Better prevention of and response to extraordinary events and incidents.

A Total Converged Cost Effective System

- Originate and answer calls between the public telephone network, cellular telephones, Push to Talk Radios, internal and external telephone devices.

General Server Features

- VoIP, Web, Mail, File and Media Server
- Highly stable and reliable.
- Private Branch Exchange Telephone System

VoIP Telephone Server Features

- Connects to incoming lines and trunks from Plain Old Telephone Service (POTS) Lines, T1 Circuits, legacy telephone switches or IP based service providers.
- Provides service to a wide variety of subscriber equipment including conventional analog telephone sets, SIP and IAX VoIP desksets, PC clients and softphones, wireless SIP WiFi and SIP DECT portable handsets.

PTT Radio Features

- Simplex or Repeater Transceiver Controller
- Sub-Audible Channel Signaling Encoder Decoder.
- Interface for connection to a simplex or duplex radio transceiver included.
- Interfaces available for most popular makes and models of Push to Talk Radios.
- PC Based Push To Talk Radio Dispatcher Client Software Included.
- Your Push To Talk (PTT) radio network can be converged with your VoIP network.
- Group and Dispatch communications can be controlled anywhere on or off-site via the network.
- Multiple Sites can be linked together into a seamless network.

Call Xelatec at +1-678-248-2979 for More Information!
Or Visit Us At <http://www.xelatec.com/>

Features and Specifications

VoIP Private Branch Exchange (PBX)

- Call Park, Pick Up, Hold, Transfer & Conference
- Interactive Voice Response Menus
- Voicemail
- Web Based, On-Line Voicemail Interface
- E-mail Voicemails with audio attachments
- Least Cost Routing and Cost Accounting
- Incoming and Outgoing Call Blacklists
- Call Forwarding and Follow Me
- Time Based Routing
- Voice and Speed Dialing Directories
- Programmable Caller ID
- Calling Queues and Call Logs
- Overhead Paging and Intercom
- Ring Groups and Calling Queues
- ENUM SIP Calling
- Day/Night Control
- Callback
- Multiple Music On Hold Streams
- Direct Inward System Access
- Call Recording, Dictation, Monitoring & Barge In
- Web Based Operator Status and Control Panel
- SIP and IAX VoIP Protocols

VoIP Private Branch Exchange Options

- T1 and/or POTS FXO/FXS Ports
- Advanced Echo Cancellation Systems
- SIP DECT Wireless Access Points
- WiFi Access Points
- Automatic Failover to Off Premises Service
- Contact Closure Input/Output Module
- Training, Dialplan Automation & Customizations

Server Options

- Second NIC and configuration required to provide router/firewall services to an external network.

Dimensions

- Size 20cm (w) x 7.8 cm x 24cm

Connections

- Power, 12 VDC, 1.75 A.
- Ethernet, 10BaseT, 10/100/1000
- USB 2.0, 4 ports
- DB-9M, RS-232 Port
- SVGA Video
- PS/2 Keyboard and Mouse
- Audio Output (Overhead Paging)
- Audio Input (Music On Hold Source)

Radio Interface (Standard)

- 1 Radio Transceiver Interface Included
- Simplex and Repeater Control Logic
- PTT and VOX Interconnect w/Reverse Autopatch
- Digitally Adjustable Input and Output Levels
- Open Collector PTT Output and COR Input
- Software Carrier Detect
- Software CTCSS Encode/Decode
- Software Filtering and Limiting
- DTMF Encode/Decode
- Tx Voice Modulation Output
- Tx Composite Voice/Data/Signalling Output
- Rx Demodulated Signal Input
- Tx/Rx Programmable Flat or Pre/De-Emphasis
- Frequency Agile Radio Control
- Multi-Site Linking

Radio Interface (Options)

- Additional Channels/Interfaces
- Voice Encryption/Scrambling
- Multi-Site, Multi-Channel Trunking

Radio Dispatch Client Software

- PC Based Push To Talk Radio Dispatch Client

Markets and Applications

- Businesses and Manufacturers
- Press, Film and Video Production
- Forest Products, Special Industrial
- Power, Petroleum, Utilities
- Motor Carrier, Railroad, Taxicab
- Telephone Maintenance
- Public Safety, Local Government, NGO
- Marine and Aviation
- School, University and Campus Grounds
- Distribution, Warehousing, Logistics
- Shopping Centers, Large Retailers
- Lumber Yards, Tank Farms, Construction Sites

Your Xelatec Representative