

COMPUTER-TELEPHONY INTEGRATION

- * TAPI/JTAPI
- * Graphical Call Manager
- * Outbound Call Spooling
- * Predictive Dialer
- * TCP/IP Management Interface

SCALABILITY

- * TDMoE (Time Division Multiplex over Ethernet)
 - * Allows direct connection of Asterisk PBX
 - * Zero latency
 - * Uses commodity Ethernet hardware
- * Voice-over IP
 - * Allows for integration of physically separate installations
 - * Uses commonly deployed data connections
 - * Allows a unified dialplan across multiple offices

CODECS

- * ADPCM
- * G.711 (A-Law & -Law)
- * G.723.1 (pass through)
- * G.726
- * G.729
- * GSM
- * iLBC
- * Linear
- * LPC-10
- * Speex

PROTOCOLS

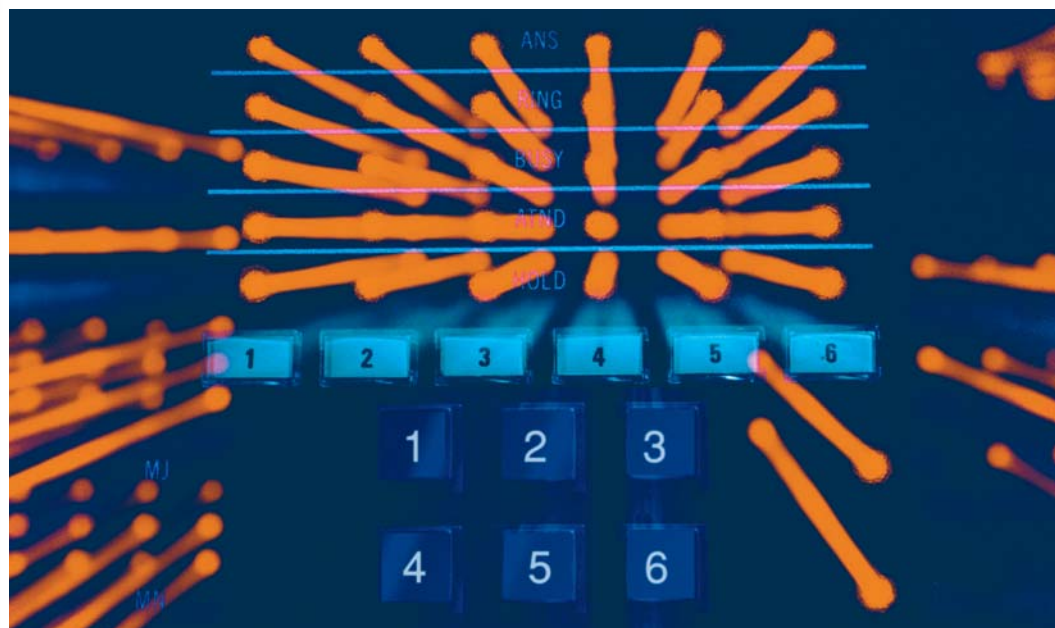
- * IAX™ (Inter-Asterisk Exchange)
- * H.323
- * SIP (Session Initiation Protocol)
- * MGCP (Media Gateway Control Protocol)
- * SCCP (Cisco® Skinny®)

TRADITIONAL TELEPHONY INTEROPERABILITY

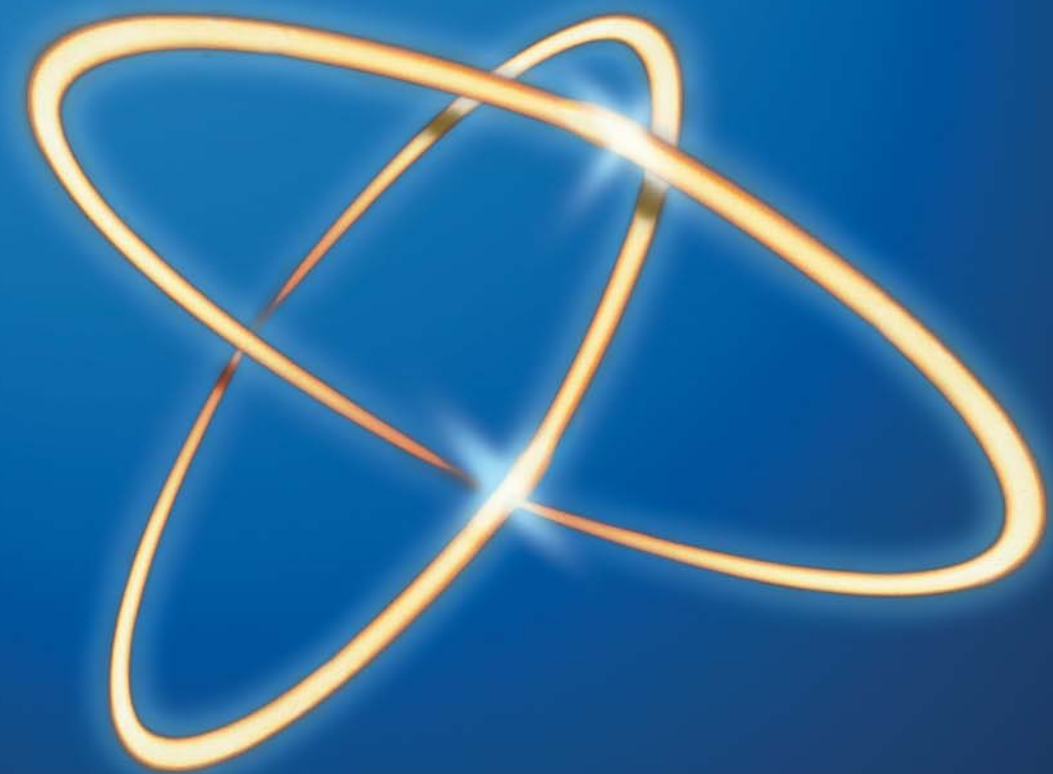
- * E&M
- * E&M Wink
- * Feature Group D
- * FXS
- * FXO
- * GR-303
- * Loopstart
- * Groundstart
- * Kewlstart
- * MF and DTMF support
- * Robbed-bit Signaling (RBS) Types
- * MFC-R2

PRI PROTOCOLS

- * 4ESS
- * BRI (ISDN4Linux)
- * DMS100
- * EuroISDN
- * Lucent 5E
- * National ISDN2
- * NFAS



TOP LEVEL CONNECTION



iPBX CUSTOM MADE TELEPHONY

10 Levels

Takes The Risk Out
Of Integration

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iPBX

CUSTOM MADE TELEPHONY

10LEVELS iPBX SOLUTION

10Levels iPBX state-of-the-art telephony solution offers a variety of features, including legacy PBX functionality, advanced features, and interoperability with traditional standards-based telephony systems and VoIP systems. iPBX API enables developing vast telephony applications that meet customers' specific needs. 10Levels iPBX is the only PBX which interfaces with any CRM application, call center management software, and billing system, while others require additional expensive software and adapters.

iPBX supports complete Voicemail functionality with advanced voicemail management options, including voicemail forward, retrieval via email, web, and unified messaging systems. The Voicemail system can be administered and monitored remotely via IP or PSTN phone connection. Unlimited number of voicemail boxes and groups are supported according to issued licenses.

ARCHITECTURE

iPBX core contains several engines that each play a critical role in the software's operation.

When iPBX starts, the Dynamic Module Loader loads and initializes each of the drivers which provide channel drivers, file formats, call detail record backends, codecs, applications and more, linking them with the appropriate internal APIs. Then, iPBX Switching Core begins accepting calls from interfaces and handling them according to the dialplan, using the Application Launcher for ringing phones, connecting to voicemail, dialing out outbound trunks, etc.

The core also provides a standard Scheduler and I/O Manager that applications and drivers can use. The iPBX Codec Translator permit channels which are compressed with different codecs to seamlessly talk to one another. Most of iPBX usefulness and flexibility come from the applications, codecs, channel drivers, file formats, and more, which plug into iPBX various programming interfaces.

SME WITH REMOTE OFFICES

One of iPBX most powerful features is its ability to link remote offices of a SME (Small to Medium Enterprise) together. The below diagram shows how you can build individual small PBXs for multiple offices using iPBX, and then link them together transparently into a single network.

FEATURES

- * ADSI On-Screen Menu System
- * Alarm Receiver
- * Append Message
- * Authentication
- * Automated Attendant
- * Blacklists

CALL F/T

- * Blind Transfer
- * Call Forward on Busy
- * Call Forward on No Answer
- * Call Forward Variable
- * Call Transfer
- * Call Detail Records

CALL OPTIONS

- * Call Monitoring
- * Call Parking
- * Call Queuing
- * Call Recording
- * Call Retrieval
- * Call Routing (DID & ANI)
- * Call Snooping
- * Call Waiting
- * Dial by Name
- * Remote Call Pickup
- * Route by Caller ID

CALL ID OPTIONS

- * Caller ID
- * Caller ID Blocking
- * Caller ID on Call Waiting
- * Calling Cards (Pre/Post paid)
- * Conference Bridging
- * Database Store / Retrieve
- * Database Integration
- * Dial by Name
- * Direct Inward System Access
- * Distinctive Ring
- * Do Not Disturb

- * E911
- * ENUM
- * Fax Transmit and Receive
- * Flexible Extension Logic
- * Interactive Directory Listing
- * Interactive Voice Response (IVR)
- * Local and Remote Call Agents
- * Macros
- * Music On Hold
- * Music On Transfer
 - * Flexible Mp3-based System
 - * Random or Linear Play
 - * Volume Control
- * Predictive Dialer
- * Privacy
- * Open Settlement Protocol (OSP)
- * Overhead Paging
- * Protocol Conversion
- * Remote Call Pickup
- * Remote Office Support
- * Roaming Extensions
- * Route by Caller ID
- * SMS Messaging
- * Spell / Say
- * Streaming Media Access
- * Supervised Transfer
- * Talk Detection
- * Text-to-Speech
- * Three-way Calling
- * Time and Date
- * Transcoding
- * Trunking
- * VoIP Gateways
- * Voicemail
 - * Visual Indicator for Message Waiting
 - * Stutter Dialtone for Message Waiting
 - * Voicemail to email
 - * Voicemail Groups
 - * Web Voicemail Interface

