



## *Integrated OEM Solutions for IP Communications*<sup>TM</sup>

### Company

ipDialog is a Silicon Valley based startup focused on developing feature-rich, multi-protocol enabled, highly reliable and scalable Voice over Internet Protocol (VoIP) products for original equipment manufacturer (OEM) customers. ipDialog was founded in November 1999 by a team of industry-leading experts in telecommunications, networking, and VoIP communication protocols.

We are headquartered in San Jose, California, and have R&D centers in Austin, Texas, and the New Delhi metropolitan area in India.

### Market Needs & Trends

In a recent report, Gartner Group's Dataquest predicted that the global Voice-over-Packet services market would approach \$87 billion by 2004. Other sources suggest that the corporate Intranet market alone for Voice over Internet Protocol (VoIP) equipment will be \$1 billion by the end of this year. The recent accelerated growth of IP telephony is fueled by the emergence of worldwide standards that define the technology and allow interoperability among different vendors. The major VoIP standards are SIP, Megaco/H.248, MGCP, and H.323. However, the variability in adoption of these standards by service providers and across regions will require core technology that is multi-protocol capable.

The growth in IP telephony services creates enormous opportunities for VoIP equipment in the residential and business markets. The deployment of broadband services paves the way for distributed intelligent appliances that provide features such as unified messaging, and data-voice convergence. These features and other functions enabled by distributed call control protocols such as SIP are finding growing acceptance in VoIP applications.

ipDialog provides solutions that enable rapid and cost effective deployment of new products and services by equipment or solutions vendors, and service providers.

### Our Solutions

ipDialog supplies OEM products that use our core technology building blocks. Our building blocks enable inexpensive, multi-protocol capable IP telephony products.

### ipDialog Products & Services

- Fully Integrated and tested OEM products that utilize the following technology components that we build in-house:
  - Cost-efficient hardware reference designs
  - Multi-protocol VoIP Stack SDKs
- System Integration Services
- Porting & Customization Services
- Turnkey Project Management

### Targeted Application Areas

- Internet Appliances
- IP-PBXs
- Broadband Modems
- Integrated Access Devices (IADs)
- Gateways
- Mobile Communication Devices & Infrastructure

### Key Benefits of our Products

- Multi-protocol support (SIP, Megaco/H.248, H.323, MGCP)
- Interoperability
- Scalability
- Small memory footprint
- ANSI C implementation for multi-platform portability
- Flash upgradeable reference hardware for rapid prototyping

#### **Combine to provide:**

- **Cost effective implementation**
- **Reduced time to market**

# ipDialog™ VoIPTone™ Ethernet Phone



## Features

- Competitively priced ethernet phones for OEMs, system integrators and service providers
- Fully standards compliant (SIP, H.323, Megaco/H.248 or MGCP)
- Tested for interoperability at industry-wide events, and by equipment vendors and service providers
- Flash upgradeable in the field
- Can be remotely provisioned
- Readily customizable to meet OEM requirements

## Contact Information

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## VoIPTone™ Specifications

- Support for SIP, Megaco/H.248 (H.323 and MGCP soon)
- DHCP
- DNS lookup/URL address resolution
- Authentication
- 2x16 5x7-character LCD - English-only
- Caller ID
- USA dial tone
- Busy and fast-busy tones
- Volume control
- Ringer level control
- Hands-free half-duplex speakerphone
- Keypad dialing
- Redial
- Speed dial from phonebook
- Enter phonebook via built-in web server
- Web server based configuration and status check
- G.711 64kbps audio (low bit rate codecs soon)
- RJ-45 ethernet jack