



**The Complete IP Telephony platform  
that uses less power than a Child's nightlight.**

 Technical Datasheet

1/5 the price, 1/5 the power usage, with 10x more features and absolutely powerful

# VoicePlus

*The complete IP Telephony and Unified Communications solution for the business environment*

- **Voice calls**
- **Call handling, call management**
- **IP PBX**
- **Video calls**
- **Personal and shared calendaring, contacts and files**
- **E-Mail**
- **Instant Messaging**

High performance,  
low cost, low power  
**Unified Communications**  
for Micro and Small Businesses



#### Personal call handling features:

- Call hold with music
- Call transfers
- Selective call screening
- Call blocking and automated voicemail divert
- Do-not-Disturb voicemail divert
- Call forking
- Call switching

#### Advanced call handling features:

- Voicemail and automated attendant
- Personalized voicemail greetings for individual contacts or groups

#### E-Mail features:

- Mail sending: SMTP and Submission
- Mail access: POP, IMAP, AIRSYNC, WebMail, XIMSS, MAPI
- Mail processing rules
- Support for anti-spam and anti-virus
- Voicemail inbox delivery
- Push mail for smartphones

#### Collaboration and Personal Information Management features:

- Personal and Shared calendars access: CalDAV, AIRSYNC, WebMail, XIMSS, MAPI
- Personal and Shared contact books access: AIRSYNC, WebMail, XIMSS, MAPI
- Personal and Shared files access: FTP, HTTP, WebDAV, XIMSS

#### IP PBX Features:

- Extension Dialing
- Extensions Dialing plan management
- Call transfer/call forwarding
- Call parking/call pickup
- Find-me/follow-me
- Call switch
- Basic ACD
- Advanced ACD (round-robin, waterfall, last called person recalling)
- Voice mail
- Group voicemail
- Auto-attendant
- Self Care auto-attendant
- Vertical Service Codes
- Auto-attendant menu editor
- Direct Inward System Access (DISA)
- Custom greetings
- Personalized greetings by contacts and/or groups
- Personalized Call Processing rules by contacts and/or groups
- Call forwarding
- Call screening/Call presentation
- Call recording
- 3-way calls
- Ad-hoc conference calls
- Managed conference calls
- Advanced PSTN call routing configuration
- Least cost/best quality call routing
- Simplified Dial-out plan configuration

<p><b>Business Grade Instant messaging and Presence:</b></p> <ul style="list-style-type: none"> <li>• Client-to-server protocols: SIP/SIMPLE, XMPP, XIMSS</li> <li>• Server-to-server protocols: SIP/SIMPLE, XMPP</li> <li>• Server-side chat history log</li> <li>• Group chat and chat rooms</li> </ul>	<ul style="list-style-type: none"> <li>• Dialing plan management</li> <li>• External SIP Gateways Management</li> <li>• PSTN providers advanced configuration</li> <li>• PSTN providers management for tenants' PBX</li> <li>• PSTN numbers bulk management for tenants' PBX</li> <li>• PSTN routes group access restriction</li> <li>• PSTN providers group access restriction</li> <li>• PSTN providers polling</li> <li>• PSTN call out simulation</li> <li>• Simple PSTN call Accounting</li> <li>• Simple PSTN call Billing (pre-paid and post-paid)</li> <li>• RADIUS Interface for external PSTN OSS/BSS System</li> <li>• WebServices API for services provisioning from external OSS/BSS System</li> <li>• SIP Phones provisioning (Polycom, Aastra, Cisco, Linksys)</li> </ul>
<p><b>System integration features:</b></p> <ul style="list-style-type: none"> <li>• Built-in directory service</li> <li>• GSSAPI (Kerberos) support</li> </ul>	
<p><b>Supplied User Interfaces and Agents</b></p> <ul style="list-style-type: none"> <li>• Pronto! Unified Communications Universal Desktop Client</li> <li>• Basic Admin UI</li> <li>• Reception Console for Windows (Business Communicator Plugin)</li> <li>• Voice Plus IP PBX Administrator Interface</li> <li>• Voice Plus Business Control Panel</li> </ul>	

## Technical details

### Tested with the following hardware

<p><b>Gateways</b></p> <ul style="list-style-type: none"> <li>AddPac</li> <li>AVM FritzBox Fon 5124</li> <li>Cisco IOS 12x</li> <li>Cisco PGW 2200</li> <li>Cisco Unified Communications Manager 7.0</li> <li>Fusion Communications (Japan) Fusion GOL</li> <li>Linksys SPA3000-3.1.10(GWd)</li> <li>Linksys SPA8000-5.1.12</li> <li>Mera SoftSwitch</li> <li>Sipura Many Models</li> <li>Sipura SPA3000-2.0.13(GWg)</li> </ul>	<ul style="list-style-type: none"> <li>Twinkle (1.2, 1.4.2)</li> <li>X-Lite</li> <li>Zoiper</li> </ul>	<ul style="list-style-type: none"> <li>Panasonic KX-PW607</li> <li>Pioneer TEL-SV520</li> <li>Pioneer TF-LS50S</li> <li>Planet VIP-156</li> <li>Polycom IP650</li> <li>Polycom SoundPoint IP-SPIP_301-UA/1.6.3.0067</li> <li>Polycom SoundPoint IP-SPIP_501-UA/1.6.3.0067</li> <li>Polycom SoundPoint IP-SPIP_601-UA/1.6.3.0067</li> <li>Polycom SoundPoint IP-SPIP_601-UA/3.0.3.0663</li> <li>Polycom SoundPoint IP-SPIP_601-UA/3.1.3.0439</li> <li>Polycom SoundStation IP-SPIP_7000-UA/3.0.2.0580</li> <li>Sanyo TEL-282</li> <li>Sanyo TEL-E59</li> <li>Sanyo TEL-F59</li> <li>Saxa IP NetPhone SX</li> <li>Saxa IP NetPhone SX INP 120(W)(SA)</li> <li>Siemens C470 IP</li> <li>Sipura SPA941-4.1.18</li> <li>Societec AT-220 Harmony</li> <li>Societec AT-230</li> </ul>
<p><b>Soft Switches</b></p> <ul style="list-style-type: none"> <li>Cisco PGW2200</li> <li>Cisco CUCM7.0</li> <li>MC240SIP</li> </ul>	<p><b>IP Phones</b></p> <ul style="list-style-type: none"> <li>Aastra 6730/31i</li> <li>Aastra 6757i</li> <li>Aastra 67xxi (whole series)</li> <li>Aastra RFP L32 DECT</li> <li>Allied Telesis IP Phone - CenterCOM CP100TX</li> <li>Cisco ATA186-I1-A</li> <li>Cisco CP7940G/8.0</li> <li>Cisco CP7962G/8.5.2</li> <li>Fujitsu FETEX-PHONE 10A</li> <li>Granstream</li> <li>Hitachi WLAN IP Phone Wireless 5000</li> <li>Linksys SPA921-5.1.8</li> <li>Linksys SPA922-4.1.18</li> <li>Linksys SPA922-5.1.15(a)</li> <li>Linksys SPA922-5.2.8</li> <li>Linksys SPA942-5.1.15(a)</li> <li>NEC JP (WiFi/FOMA dual compatible with Uni- verge SIP/IP phone system)</li> <li>NEC NEC N900iL</li> </ul>	
<p><b>SoftPhones</b></p> <ul style="list-style-type: none"> <li>Blink (blink-0.15.1)</li> <li>Bria</li> <li>CommuniGate Pronto!</li> <li>EyeBeam</li> <li>Siphon</li> </ul>		

## Recommended hardware for 50 Users:

**CPU:** 1x 2.5 GHz dual/quad core

**Memory:** 4GB (min)

### Disks:

#### Sizing:

Based on data allowance per user

2GB/user = 128GB drive

5GB/user = 256GB disc

9GB/user = 500GB disc

#### Configuration:

Basic configuration: 1x SATA disc

Advanced: 2x SATA discs + RAID1 controller

High performance: 2x solid state discs (SSD) + RAID1 controller

**Backup:** AFS NAS, or Apple Time Machine for Mac Mini setup

### Example hardware:

Basic Configuration Mac Mini	High availability Mac Mini Server	Windows PC – HP Pavilion Elite
		
2.53GHz 64-bit Intel Core 2 Duo 4GB memory 320GB hard drive Mac OS X Snow Leopard 2TB Apple Time capsule	2.53GHz 64-bit Intel Core 2 Duo 4GB memory Dual 500GB SATA hard drives Mac OS X Snow Leopard 1TB Apple Time capsule	2.66GHz 64-bit Intel Core i5 750 6GB memory 640GB SATA 7200rpm hard drive Windows 7

### Exceptional Business Communications

Founded in 1991 CommuniGate Systems is headquartered in Mill Valley, California. The company develops carrier-grade unified communications software for broadband and mobile operators to deliver value-added services as SaaS, or Cloud-based services to the business communities. Over 150 million users across 12,000 companies around the world put their trust in CommuniGate Systems every day, with customers ranging from the largest broadband, wireless and wire-line service providers, to enterprises of all sizes.

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