

# New Generation

# ▶ InterPBX

The Intelligent IP Phone System

DSG InterPBX Communication System is a new generation business phone system that extends IP network to deliver enhanced telephony and multimedia communications. It allows your enterprise to leverage existing data network infrastructure to deliver robust telephony features, brings significant savings on toll calls, simplifies wiring and eases management and maintenance. More importantly, InterPBX is an ideal platform to provide data, voice, and video integrated New-Gen applications demanded by today's enterprises such as automated attendant, automatic call distribution, voice mail, call recording, unified messaging, web-enabled contact center, and global Internet telephony services.

## *Some of the advantages of DSG InterPBX Communication System are:*

**Reliable** - InterPBX employs a unique distributed NeuralServer architecture that allows multiple servers to coexist and communicate with one another in a single system. Through synchronization and replication mechanisms, InterPBX provides redundancy in the event of server failure and therefore drastically enhances the reliability of the system.

**Scalable** - InterPBX provides infrastructure flexibility for growing businesses. It can be set up to meet the needs of enterprises from small to large, single location to multiple sites. InterPBX supports a wide range of extension capacity, from tens to thousands, and even with the option for further expansion.

**Manageable** - Browser-based management and desktop client software interface provide user-friendly tools for the administrator and users to configure, control, and maintain the system. Moreover, the Auto Discovery feature allows you to move, add and change (MAC) extensions with ease.

**Multiple Telephone Types Support** - InterPhone is a growing family of New-Gen Ethernet-based telephones that works seamlessly with InterServer and combines high quality full-duplex speakerphone, multiple line appearances, programmable keys, *Power-over-Ethernet* and QoS capabilities to deliver comprehensive calling features directly to the desktop. Analog phone and PC-based phone are also supported to meet the specific needs and requirements of each individual in your enterprise.

**Global Internet Telephony Support** - InterPBX is the only ITSP integrated PBX available today that brings you significantly reduced or virtually eliminated long distance or international calls to almost every corner on earth. This is achieved by transporting your calls through DSG's Global Internet Telephony Network. With widely deployed Voice over IP gateways and devices all over the world, InterPBX gives you true ubiquitous communications around the world.



# Full Feature Set

## System Features

- Automatic Software Upgrade
- Call Detail Records
- Configurable and Default Ringer WAV Files Per Phone\*
- Distributed Multiple Server (Maximum 1000 Ports/Server)
- DHCP/Static IP Modes Supported
- Extension Settings Transfer\*
- Extension Usage Report
- H.323 Compliant Interface to H.323 Devices\*
- Holiday Schedules (Greeting and Routing)
- Integrated Switching Hub
- Internet Telephony Services Ready\*
- Interoperability with DSG Internet Callers-IPStar, InterStar, InterPhone\*
- MGCP Protocol Compliant
- Multiple CODECS: G.711/G.723.1/G.729a
- Off-Premises Extensions
- Out-Of-Band RTP Signaling
- Power Failure PSTN Line Auto-Switching
- Power over Ethernet Supported
- Quality of Service Supported - TOS/VLAN
- SIP Protocol Compliant
- SNMP Statistics\*
- System Day/Noon/Night Modes
- System Backup Utilities
- System Level Redundancy
- System Log
- System Login Security - Password/IP Address
- System Monitoring Utility
- System Reports
- TAPI 2.1 Computer Telephony Interface\*
- Web-Based System Management Interface

## Call Processing Features

- Answer Calls
- Auto-Answer
- Button Mapping Groups

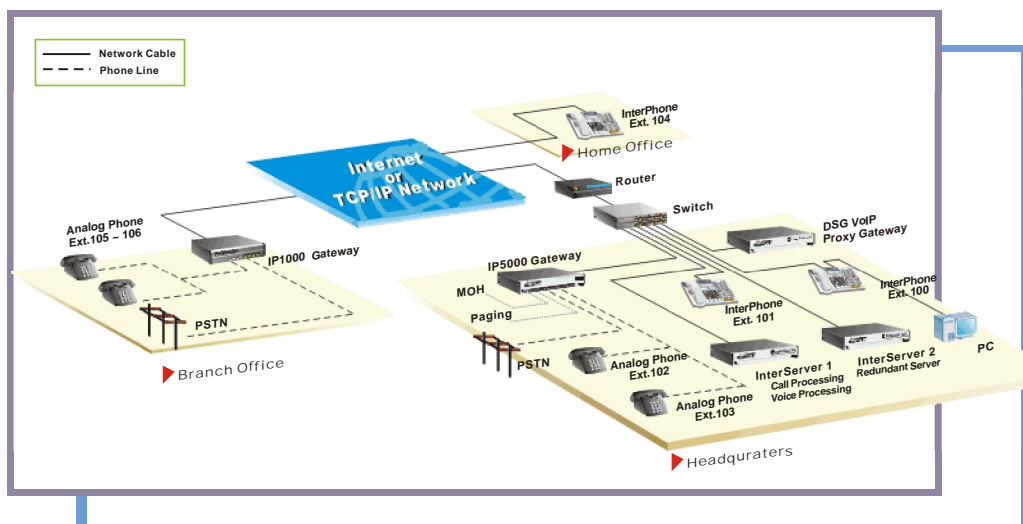
- Call Forward (No Answer/Busy/All)
- Call Hold/Retrieve
- Call Park/Pickup
- Call Pickup Group
- Call Recording
- Call Restriction
- Call Status Display - State/Name/Line/Number/Duration
- Call Transfer - Blind/Supervised
- Call Waiting/Retrieve
- Caller ID from PSTN\*
- Calling Line Identification
- Calling Party Name Identification
- Class of Services
- CO Line Access Control
- CO Line Groups
- Delay Ringing
- Dial Plan
- Direct Extension/CO Line Access
- Direct Outward Dialing (DOD)
- Direct Trunk Access by Extension Number
- Distinctive Ring (Internal/External/WAN)
- Do-Not-Disturb
- Extension Groups
- External Paging - Multiple Destinations
- Full Duplex Speakerphone
- Group Ringing
- Hands-free Operation
- Hunt Groups
- Internal Group Paging
- Internet Phone Mode
- Last Number Redial
- LCD Date/Time Display
- Message Waiting Lamp
- Multi-Party Conference
- Multiple Line Appearances Per Phone
- Music-on-Hold - Multiple Sources
- Mute - Speakerphone and Handset
- Recent Dial List\*
- Ring Assignment - Day/Noon/Night Modes
- Ringer Volume Control

- Speed Dial - System/Extension
- Station Volume Control
- Un-Answered Calls List\*

## Advanced Features

- Auto-Installation Mode
- Automatic Call Distribution-Linear/Circular
- Automatic Route Selection\*
- Call Queuing
- Extension Group Logon/Logoff
- Full-Featured Voice Mail System
- Full-Featured Recording System\*
- Message Auto-Purge
- Message Broadcast
- Message Distribution List
- Message Notification Cellular Phone E-mail Extension Message Lamp Pager Regular Phone
- Message Playing Control
- Multilingual System Greetings
- Multiple Level Automated Attendant
- Multiple Personal Greetings
- On-Screen Prompt Management
- One-Button Voice Mail Retrieve
- PC Phone - DSG Soft-InterPhone
- Personal Web-Based Browser Management
- Private and Urgent Message Handling
- Real-Time ACD Status on LCD
- Scheduled Greetings for Holidays and Off-hours
- Soft-Attendant Console
- Unified Messaging
- VoIP Proxy Gateway for Protocol and IP Conversion\*
- Voice-Guided Dial Keypad Programming\*
- Web-Enabled Call Center Solutions\*

\* Available on a later release



For more information, visit our Web site today at [www.dsgtechnology.com](http://www.dsgtechnology.com)

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