

New Generation

# ▶ Blaze5000

PBX Server

Voice Mail System

Conference Server

Voice Gateway

Recording Server

SIP Proxy



***Full Featured Blaze Series***

**IP-PBX Communication System**



*Advanced Enterprise IP  
Telephony Solutions*

# Powerful Enterprise Telephony Solutions

Blaze series is a new generation business telephone system that extends IP networks to deliver enhanced voice communications. With DSG's Blaze series, your enterprise can leverage existing data network infrastructure to deliver robust telephony features. Blaze series brings significant savings on inter-office communications, simplifies the office wiring, ease management and maintenance tasks.

Blaze series employs a unique distributed architecture offering enhanced system scalability and reliability. Unlike the legacy PBX system where the capacity might be restricted to the chassis, the distributed architecture allows endpoints such as IP phones and voice gateways to be added when necessary at anywhere. Furthermore, it also allows multiple servers to joint and communicate with each other as a single entity to increase the availability.

## 6-in-1 Feature-Rich System

DSG's Blaze series IP-PBX integrates InterServer (PBX Sever), Voice Gateway, VMS, Conference Server, Recording Server and SIP Proxy. Through the web browser, administrators can maintain the system by using the web server and reduce management costs by remotely accessing off-premises locations.

## Reduce Operation Expenses

Blaze series allows you to call remote branches, telecommuters or business travelers via the Internet instead of using toll calls. You could also contact remote customers through remote voice gateways. It helps enterprises reduce communication cost and increase employee productivities. In addition, there is no need to re-wire when you need to add, move or change extensions.

## Flexibility and Scalability

Blaze series meets the needs of enterprises from small to large, single location to multiple sites. You can simply add more extensions, voice gateways and applications gradually to increase the system capacity. Each site can have an independent system or, using the unique Joint Server feature, they can stay in touch with other branches as they are within a single entity. The original investment is saved without the need of replacing a new system.

## Store on Demand Recording Function

Blaze series with built-in Recording Server provides users the option of selecting Store on Demand when a call is in progress. If the required extension numbers are included in the list of Store on Demand, every call can be saved if activated by the user.



## Support Multiple Telephone Types

Blaze series provides various business IP phone types supporting features like LCD display, programmable buttons, Power-over-Ethernet, QoS and more. Also supported are the PC-based software phones and traditional analog phones. The off-premises IP phones, softphones and voice gateways can be connected to the headquarters' server via the Internet, along with the InterConsole or SoftConsole's ability for operators to easily and quickly grasp the status of all calls.



## Enhancing Business Communication

DSG's Blaze series IP-PBX Communication System features in integrated InterServer, Voice Gateway, Voice Mail Server, Conference Server, Recording Server and SIP Proxy.



### ► InterServer

InterServer is the core of the Blaze Series Communication System. It handles call signaling, call control, voice processing activities and manages all endpoints such as voice gateways, IP phones and softphones. It is an embedded server with a built-in web server. All the configuration and management can easily be done from a web-browser.

### ► Applications

- **VMS:** Providing Auto Attendant, Voice Mail and Unified Messaging functions.
- **Conference Server:** Providing Multi-Party Conference Call function.
- **Recording Server:** Supporting Store on Demand, Live Monitor, Search and Play functions.
- **Proxy Server:** SIP and NAT Proxy(optional).

### ► VG5000 Voice Gateway

VG5000 supports FXO and FXS interfaces. It allows voice communications to be transmitted between the IP networks and PSTN. Off-premises VG5000 can be extended to off-shore branches or satellite offices to save on international call costs.

### ► SH2500 PoE Switch

SH2500 is an intelligent 24-port switch supporting Power-over-Ethernet function (802.3af) and other features such as VLAN, 802.1p/Q and web-based management.

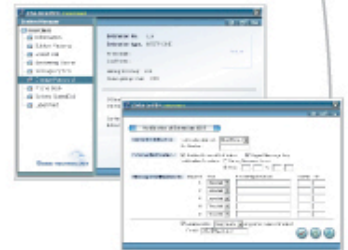
### ► Blaze Series Extensions

Blaze series supports various types of telephone to meet the different needs of enterprises. In addition, with the assist of InterClient, the extension management tool, users can configure personal call forward, speed dialing and programmable buttons.

- **IP Phone:** Various types of IP phones are supported with LCD display, function keys, Power-over-Ethernet (802.3af), or programmable buttons. The existing available IP phones models are IP590, IP580, IP500, and IP510.
- **SoftPhone:** SoftPhone is a PC-based telephone software. It offers the same telephony features as on IP phones. Aside integration with Outlook or Outlook Express contacts, it can keep records of incoming and missed calls summary.
- **InterConsole:** Hardware Attendant Console.
- **SoftConsole:** Software Attendant Console.
- **Analog Phone:** The FXS interface on the VG5000 can be connected to standard analog phones.



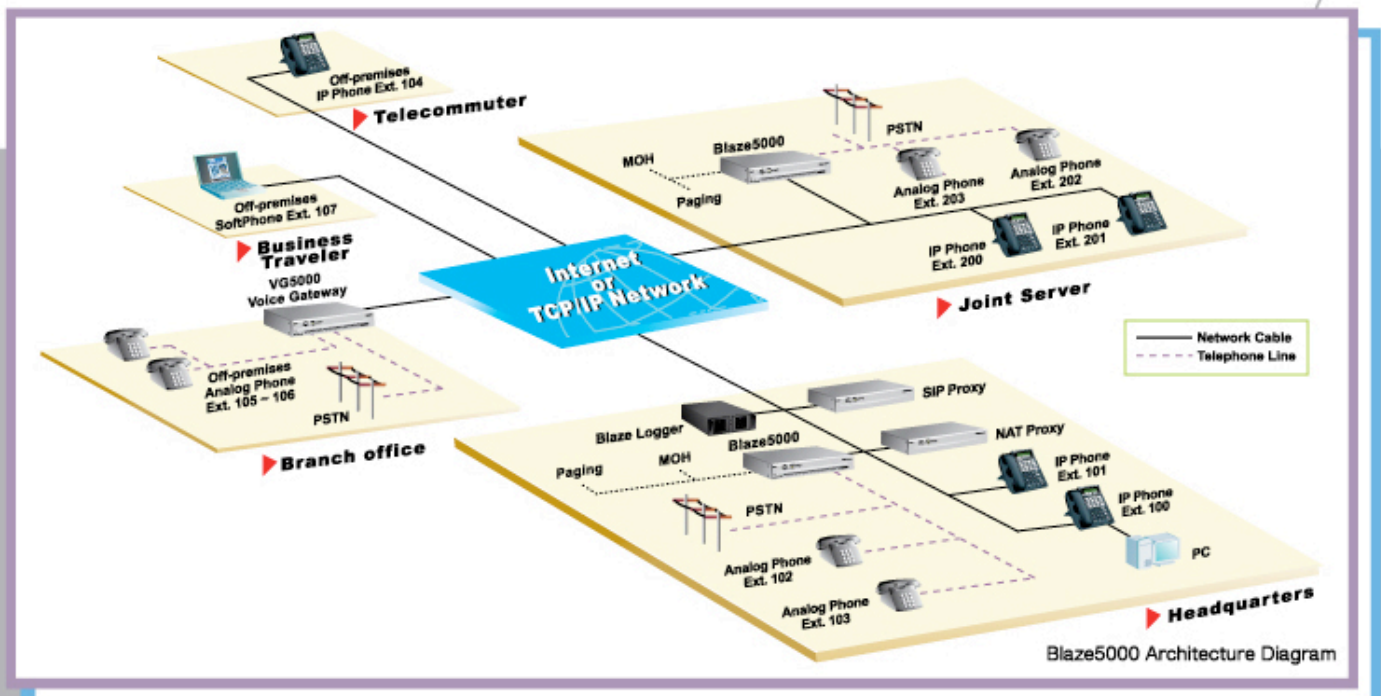
IP-PBX System



DSG InterClient



DSG SoftPhone



# ► Full Feature Set

## Intelligent IP-PBX Communication System

### System Features:

- Agent
- Automatic Software Upgrade
- Authorization Code
- Auto Route Selection
- Boss and Secretary
- Call Detail Record
- Call Restriction
- Class of Service
- CO Line Access Control
- CO Line Groups
- Distributed Multiple Servers
- DHCP/Static IP Modes Supported
- E911
- Extension Usage Report
- Extension Groups
- External Paging
- Group Ringing
- Hunting Groups
- Holiday Schedules (Greeting and Routing)
- Multiple CODECs:G.711/G.723.1/G.729a
- Music-on-Hold Multiple Sources
- Off-Premises Extensions
- Power Failure PSTN Line Auto-Switching \*
- Quality of Service Supported-TOS, 802.1p/Q QoS
- Ring Assignment-Business/Break/After/Closed/Holiday Modes
- Support T.38 Protocol \*
- System Business/Break/After/Closed/Holiday Modes
- System Backup Utilities
- System Log
- System Login Security-Password/IP Address
- System Reports
- Trunk Disconnect Timer
- Virtual Extensions
- Web-Based System Management Interface

### Call Processing Features:

- Auto-Answer
- Button Mapping Groups
- Call Back
- Call Forward (No Answer/Busy/All)
- Call Hold/Retrieve
- Call Park/Pickup
- Call Pickup Group
- Call Screen
- Call Status Display-State/Name/Line/Number/Duration
- Call Waiting/Retrieve
- Caller ID from PSTN
- Calling Party Name Identification
- Dial Plan
- Direct Extension/CO Line Access
- Direct Trunk Access by Extension Number
- Distinctive Ring (Internal/External)
- Do-Not-Disturb
- Full Duplex Speakerphone \*
- Internal Group Paging
- Last Number Redial
- LCD Time/Ext/Name Display
- Message Waiting Lamp \*
- Multi-Party Conference
- Multiple Line Appearances \*
- Mute-Speakerphone and Handset
- One-Button Voice Mail Retrieve
- Recent Dial List
- Ringer Volume Control
- Speed Dial-System/Extension
- Station Volume Control
- Un-Answered Calls List
- Wake Up Call \*

### Advanced Features:

- Auto-Installation Mode
- Automatic Call Distribution-Linear/Circular/Longest Idle
- Call Queuing
- CIT Link \*
- Digital Trunk Lines \*
- Extension Group Logon/Logoff
- Full-Featured Recording System \*
- Full-Featured Voice Mail System
- Hardware Attendant Console (DSS) \*
- Live Monitoring Calls \*
- Message Auto-Purge
- Message Broadcast
- Message Distribution List
- Message Notification-Phone/E-mail/Extension/Message Lamp/Pager
- Message Playing Control
- Music-on-Hold Default/Customized \*
- Multilingual System Greetings
- Multiple Level Automated Attendant
- Multiple Personal Greetings
- PC Phone-DSG SoftPhone \*
- Personal Web-Based Browser Management
- Power over Ethernet Supported \*
- Private and Urgent Message Handling
- Record on Demand/Store on Demand \*
- Scheduled Greetings for Holidays and Off-hours
- Soft-Attendant Console \*
- SIP Protocol Compliant \*
- Support Networks Behind NAT \*
- Unified Messaging
- Voice-Guided Dial Keypad Programming

\* Varies on different models or optional selections

### Blaze Series Specifications

System Capacity	444 Ports (Extension : 300 , CO : 144)
Storage	40GB Hard Disk
CPU Processing	32 bit
Memory	128 MB
Caller ID	DTMF/ FSK
Network	LAN, WAN, VPN, Internet
Network Interface	10/100M bps, RJ-45 LAN Port
Internet Protocol	TCP/IP or Other PC Compatible Protocol
Gateway	FXO, FXS, RJ 11 Port
Codecs	G.711, G.723.1, G.729
Protocol	DSG Proprietary, SIP Protocol
Temperature	0 °C~40 °C
Power Supply	100V AC ~ 240V AC, 45 Watt
Humidity	8%~90% (non-condensing)
Measures and Weight	65 x 270 x 440mm (HxDxW) 5.2 Kg



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