

# Dialogic®

Dialogic® Service Provider Products and BroadSoft® BroadWorks® : Seamless, Secure Interconnectivity Enables Compelling, Revenue- Generating Class 5 Services



Partner:

**BROADSOFT®**

Mobile Experience Matters™



## Introducing an “Any Network” Class 5 Switching Solution that Combines Field-Proven Dialogic® Products and BroadWorks® Hosted Voice and Multimedia Applications

*Advanced calling features with seamless, secure interconnectivity enable innovative, high-performance solutions for business and residential customers*

BroadWorks is a powerful application server platform that integrates voice, video and data, delivering advanced Unified Communication services to customers worldwide by integrating voice and multimedia applications with Dialogic® ControlSwitch™ System and Dialogic® BorderNet™ Session Border Controllers and Integrated Multimedia Gateways. The result is a robust, compelling solution that can scale easily as it provides increasingly popular feature-rich services that are in demand.

### **Reasons to Integrate Dialogic® Network Products with BroadWorks®**

Dialogic offers professional services that integrate its own powerful, field-proven products with BroadWorks to produce a Tier 1 carrier-ready “end-to-end” solution prepackaged from a single supplier. The result is a full-featured hosted IP-PBX/Centrex Solution that is very efficient and can lead to significant cost-savings and competitive benefits now and in the future.

- **Proven Interoperability** — Dialogic’s “any-to-any” capabilities enable connectivity to all major endpoints
- **Easy Scalability** — Customized to your network, capacity can be added effortlessly as subscribers increase
- **High Availability** — Field-proven scalable products on redundant architected networks mitigate downtime and increase reliability

## Solution Highlights

- **Border Element Security** — Session border control for secure interconnect between IP and cloud-based networks and end-users
- **Traditional Edge Connectivity** — IP to T1, E1, DS3, SS7, ISDN, and PRI TDM networks
- **Carrier-to-Carrier Switching** — Class 4 IP to TDM and IP to IP Peering
- **World-Class Hosted IP-PBX/Centrex Applications** — Robust services deliver advanced functionality on IP

## Enhanced Hosted IP-PBX/Centrex and Value-Added Services

The following fully integrated value-added services can be added to a host of enhanced PBX features, including no-cost international voice and video calls, click-to-dial, one number for fixed and mobile calls, and much more:

- **BroadWorks Anywhere** — Dial a single number to send a call simultaneously to a desk phone, mobile phone, and/ or soft phone, while also providing the ability to seamlessly “pull” the call from one device to another
- **BroadWorks Unified Messaging** — Go beyond next-generation messaging and take advantage of a flexible seamless solution, plus receive fax, video, email, and notifications on fixed and mobile phones, as well as the desktop
- **BroadWorks Call Center** — Integrate comprehensive call center features, such as ACD and Queuing, and web-based agent and supervisor clients, for small, in-house customer care requirements, or offer a full blown contact center solution for global opportunities
- **BroadWorks Meet-Me Conferencing** — Conference on-demand or at a scheduled time with up to hundreds of participants, taking advantage of High-Definition (HD) voice quality on any HD-capable device.
- **BroadWorks Automated Attendant** — Route calls with an automated receptionist that provides professional greetings and connects to geographically distributed destinations or mobile employees, improving efficiency and customer satisfaction

# Integration in a Small to Medium-Sized Service Provider Network

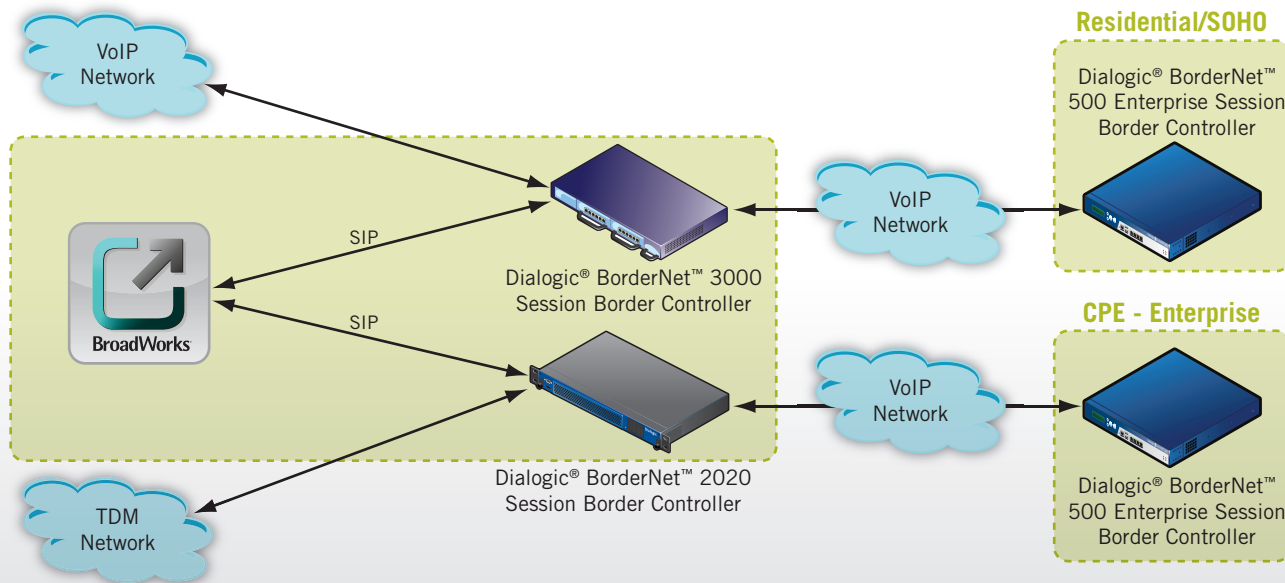
For achieving seamless, reliable, and cost-effective BroadWorks integration in a low- to medium-sized subscriber network, Dialogic uses the field-proven Dialogic® BorderNet™ 2020 Session Border Controller, Dialogic® BorderNet™ 3000 Session Border Controller, and the Dialogic® BorderNet™ 500 Enterprise Session Border Controller.

## Any-to-Any in a Small Footprint

The BorderNet 2020 SBC allows interworking between IP and PSTN networks and provides easy scalability in a small 1U footprint. It handles signaling and media in a single carrier-ready chassis and provides any-to-any voice network connectivity. It can also deliver SIP services into SS7, SIGTRAN, PRI, and SIP-I networks, along with multimedia border element functions, such as SIP mediation and IP-to-IP transcoding for network-edge applications. The Dialogic® IMG 1010 Integrated Media Gateway offers similar functionality, and may be appropriate in lower-traffic environments.

## Security and Session Management at the Network Edge

The BorderNet 3000 SBC enables secure interconnection across SIP borders with simultaneous session management. By adding the BorderNet 500 ESBC, streamlined and reliable interconnection can be provided to multiple residential, SOHO, or enterprise installations with either VoIP or legacy TDM equipment. The BorderNet 500 ESBC can also deliver seamless legacy firewall traversal, SIP security, interoperability, and a logical service termination point at the enterprise edge.



# Integration in a Large Service Provider Network

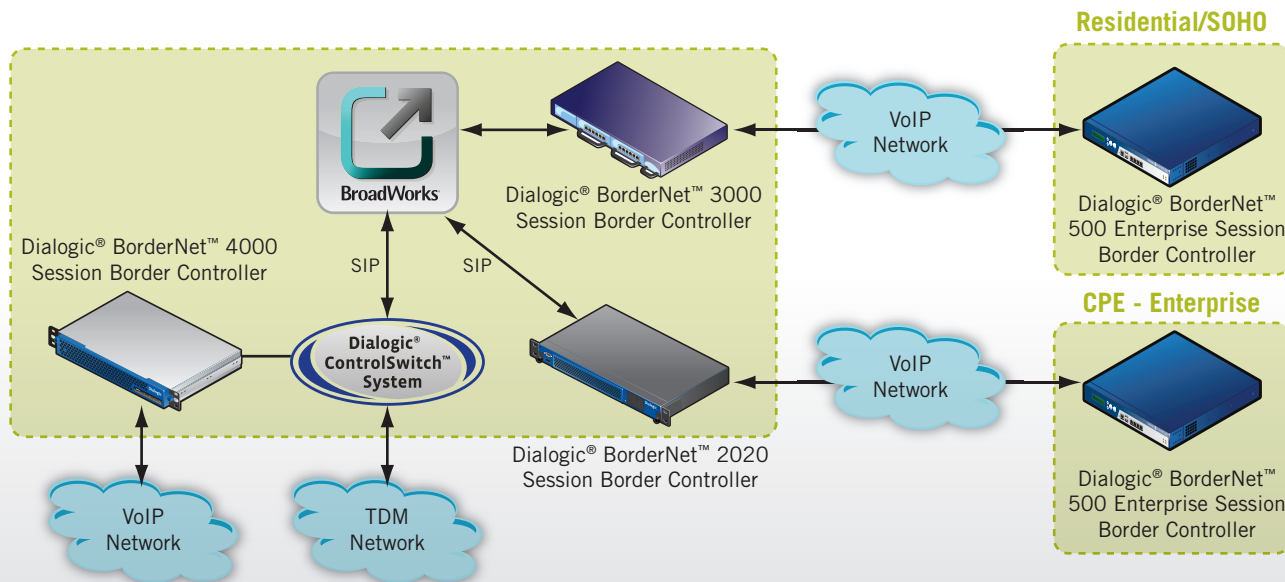
For a large subscriber network, Dialogic offers the powerful Dialogic® ControlSwitch™ System for achieving cost-effective BroadWorks integration. The Dialogic® BorderNet™ 4000 Session Border Controller, the Dialogic® BorderNet™ 2020 Session Border Controller, Dialogic® BorderNet™ 3000 Session Border Controller, and the Dialogic® BorderNet™ 500 Enterprise Session Border Controller can also be included.

## Seamless and Secure Interconnect with IP Peering

The ControlSwitch System is an IP softswitch that allows the seamless and secure interconnection of traditional TDM and IP-based voice networks. Adding the BorderNet 4000 SBC extends the interconnection across IP Peering networks.

## Enabling Cost-Savings with SIP Trunking

The BorderNet 2020 SBC and the BorderNet 500 ESBC enable the cost-savings and efficiencies of SIP trunking at both the service provider and enterprise network edge. The BorderNet 2020 SBC can handle switching, signaling, and media processing in a single unit in addition to connecting BroadWorks to the SS7/PSTN network. On the customer side, the BorderNet 500 ESBC provides legacy firewall traversal, SIP security, interoperability, and a logical service termination point while interconnecting seamlessly with the BorderNet™ 3000 SBC and the BorderNet 2020 SBC on the service provider side.



# Dialogic®

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Information about BroadWorks for this brochure has been provided by BroadSoft.