

Dialogic® 2000 Media Gateway Series Enables IBM® Lotus® Sametime® Unified Telephony Deployment in the Enterprise

Technology Brief

Dialogic has a wealth of experience in enabling the creation and deployment of new and unique IP applications in legacy PBX environments. As a result of our collaboration with Dialogic, enterprises will now be able to realize the benefits of IBM's Sametime Unified Telephony while using their existing PBX equipment and reducing the potentially disruptive and expensive upgrades to new PBX equipment.

— Akiba Saeedi, Director of Unified Communications and Collaboration at IBM

Unified Communications (UC) has emerged as an important milestone in the evolution of enterprise communications. UC seeks to break down the communications silos in the enterprise and add collaboration functions. Using a different tool for each communications mode (phone, fax, and email) hinders productivity, wastes time, and causes frustration. Business users no longer want to juggle multiple devices and phone numbers, multiple message stores, and multiple directories when instead they can access multimedia communication and collaboration tools in a single interface on the desktop. UC breaks down barriers and integrates communication and collaboration tools, making them more easily accessible and saving significant time and resources.

This technology brief describes IBM Lotus Sametime Unified Telephony, and shows how this UC solution can be enabled in a legacy environment for immediate benefit by using a Dialogic® 2000 Media Gateway.

What Is IBM Lotus Sametime Unified Telephony?

IBM introduced its IBM Lotus Sametime Unified Telephony in [Understanding IBM® Lotus® Sametime® Unified Telephony](#). Here is a short excerpt:

IBM Lotus Sametime Unified Telephony (SUT) software is a new offering that is designed to make it easy to access and manage telephone communications from inside the Lotus Sametime or Lotus Notes client. The SUT offering extends the value of Lotus Sametime software as a platform for communications by providing a rich, unified communication and collaboration experience to users, allowing them to seamlessly and simply integrate voice, video, and telephony capabilities.

This is particularly beneficial for companies with multiple private branch exchange (PBX) environments. From a line-of-business perspective, integrating telephony as part of a company's unified communications platform can help improve business processes by improving collaboration and speeding decision making.

However, the telephony environment to be integrated may include tens or even hundreds of telephone systems as a result of decentralized decisions in divisions, countries, branch offices, or through acquired companies. Therefore, when implementing unified communications systems, IT and network managers are looking for solutions that can leverage and extend these disparate, mixed, multi-vendor communication systems.

What Is the Dialogic® 2000 Media Gateway Series?

The Dialogic® 2000 Media Gateway Series (DMG2000 Gateways) is a set of turnkey appliances that seamlessly merge traditional telephony systems with IP networks to help businesses migrate to IP telephony and SIP-based UC. The DMG2000 Gateways provide up to 120 channels of digital T1/E1 protocols to enable SIP gateway capabilities. Featuring unparalleled PBX and direct PSTN compatibility, these appliance gateways are easy to install, configure, and maintain and are tested for interoperability with IBM Lotus Sametime Unified Telephony (SUT) software.

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Key features and services that the DMG2000 Gateways enable for the SUT are:

- Call delivery on multiple networks providing flexible call routing to suit the end user's requirements
- TDM-to-TDM failover routing for survivability
- Support for simultaneous SIP-to-PSTN and PBX connectivity
- Availability of Dialogic® Pro™ Services Per Unit Plan support contracts
- Field-proven, broad PBX interoperability
- Detailed configuration guide
- International approvals

Enabling the Solution

Figure 1 is based on a deployment diagram created by IBM, which has been altered to show the placement of the DMG2000 Gateways. All calls are routed to the SUT server for presence-based routing. Calls are then routed to PBX, PSTN, Softphone, IP-PBX, or Mobile devices, depending on presence and routing rules that are established by the end users and managed by the SUT server.

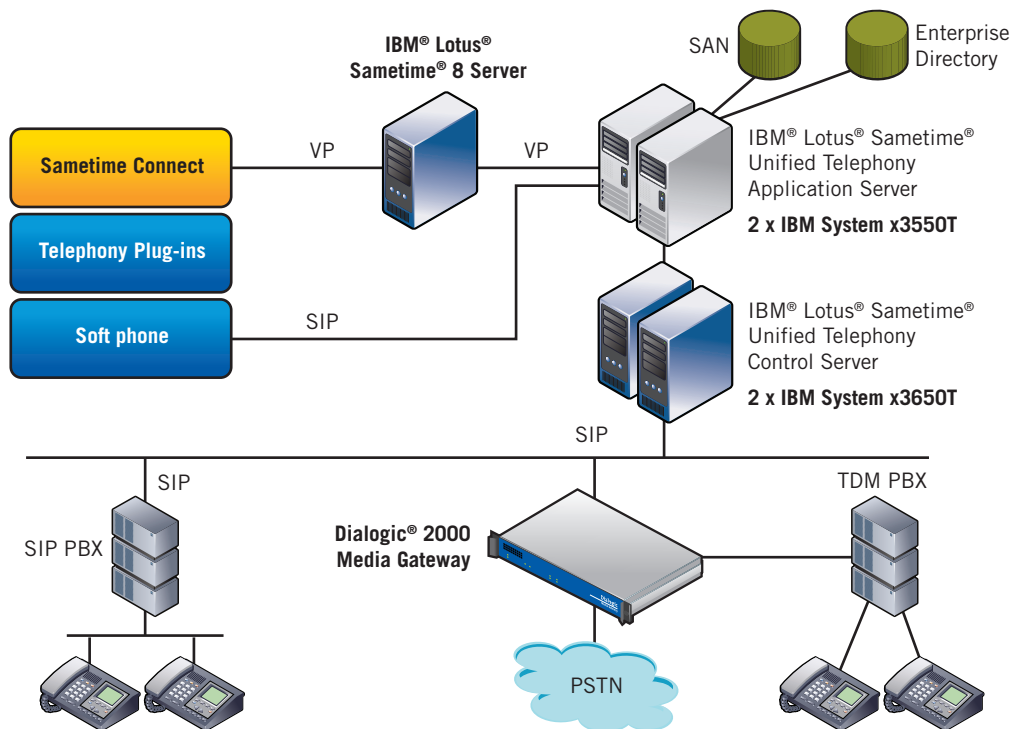


Figure 1. IBM Lotus Sametime Unified Telephony Deployment Diagram

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For More Information

[Dialogic® 2000 Media Gateway Series](#)

[Understanding IBM® Lotus® Sametime® Unified Telephony](#)

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