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Nortel Networks
i2050 Software Phone

Bringing Software Telephony to the Desktop

When you're conducting real-time business communications in an Internet world you need a device that provides the familiarity and ease of use of a traditional telephone, while capitalizing on opportunities introduced by the convergence of voice and data. The Nortel Networks i2050 Software Phone does just that by delivering traditional business communications to your PC. This new software telephone joins Nortel Networks' full range of desktop devices, among them the i2004 Internet Telephone that utilizes the same functionality in a hardware form. Designed to meet diverse customer needs as a primary desktop telephone, a supplemental desktop telephone, or a telecommuting device, the Nortel Networks i2050 Software Phone provides

an easy means of increasing interpersonal communications through Nortel Networks High Performance Network Architecture. This new software phone enables end users to enhance their productivity by centralizing business applications on the desktop allowing them to do more in less time.

The i2050 Software Phone facilitates the delivery of the same network-based services as the i2004 Internet Telephone. It delivers high quality voice via a Nortel Networks USB connected headset. The i2050 Software Phone incorporates a local directory that can read or import Symantec ACT, Microsoft Outlook, and LDAP directories. In addition, the i2050 Software Phone provides an interface to Microsoft's TAPI interface, allowing TAPI enabled applications, such as Outlook and ACT, to make and receive calls.

Services provided on the i2050 Software Phone can be customized for specific business needs using any of the open interfaces on Nortel Networks Succession* portfolio. Additional flexibility is also provided through the support of the following attributes:

Common across multiple platforms

The i2050 Software Phone is supported on Nortel Networks customer-premise and carrier-based communications solutions. Designed as a global application, the i2050 Software Phone is available in more than 10 languages.

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Standards-based

The i2050 Software Phone, in conjunction with a proxy and gateway servers, can inter-operate with MGCP, H.323, SIP and legacy PSTN devices. The i2050 Software Phone is also designed for flexibility, supporting software upgrades as standards and features evolve.

Features

A communications device must support such interpersonal communications as calling line identification and voice mail. These capabilities are accessible to end users through an intuitive user interface – the familiar dial pad and feature keys graphically represented on a PC screen.

The i2050 Software Phone supports the following attributes:

- Macro functions for programming lengthy dialing patterns

- Fully accessible from the Microsoft Windows system tray, providing a secondary, non-intrusive interface for i2050 Software Phone operation while running other PC applications

- A controlled audio environment available via Nortel Networks USB Audio Kit

- User selectable headset volume

- Five special purpose service keys for access to commonly used applications and services: Directory, Inbox, Services, Open keys (support for these services is system-dependent)

- Local generation of call alerting, call progress, dial pad tones, as well as support for out-of-band DTMF signaling to conserve valuable LAN/WAN bandwidth

- Six programmable keys for direct access to lines or voice features

- Dedicated Hold, Release, Answer, Volume, and Mute keys

- Traditional telephony features such as Call Origination, Call Termination, Conference, Transfer, Hold, Message Waiting Indication

- Supported audio codecs: G.711, G.723.1, G.729A – Annex B

- Voice activity detection, silence suppression

- Compliant with DHCP Services

- Nortel Networks applications including Customer Care and CallPilot* are supported

- Local directory can import or read Symantec ACT, Microsoft Outlook, and LDAP databases

- TAPI compliance for operation with other telephony applications such as Nortel's Personal Call Manager which provides call logs, directories, drag and drop dialing

- Includes Windows Help for online, single click help

Technical Specifications

Minimum recommended hardware	Pentium Pro 200 with 64 Mbytes RAM (Win98) or 128 Mbytes RAM (Win2K)
Operating Systems	Windows 98, 98SE, and 2000
Standards supported	Codecs: G.711 a and μ law, G.723.1, G.729 Audio Interface: WAV standard 16 bit linear 8KHz Control Protocol: UNIStim subset over UDP with reliability layer RX jitter buffer: configurable – default=2 frames Wave buffer: 40ms
Certifications	E I/RFI USA FCC Part 15, Class A
Safety	USA UL1950 Canada CSA 22.2 No. 950-95 AS/NZS 3260 EU EN60950 Global IEC 950
Network Protection	USA FCC Part 68 Canada IC CS03 CSA T510 M95 Australia/New Zealand AS3260 TPH1418 TS002 TS004 EU EN41003 TRB21 UK BS6301
Headset Supported	Nortel Networks USB Audio Kit

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For more information, please contact your local Nortel Networks account representative or call 1-800-4NORTEL (1-800-466-7835) or 1-506-674-5470.

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