



GroupWise 5.2: Product Details

GroupWise® 5.2 is Novell's advanced electronic messaging and collaboration system for businesses of all sizes, enabling communication across intranets and the Internet. GroupWise manages all your information, including E-mail, faxes, documents, spreadsheets, images, schedules, discussions, and tasks, through one familiar, easy-to-use interface—the Universal Mailbox. You can access your Universal Mailbox from your workstation or from a laptop computer, a remote client, or any Web browser. You can also configure GroupWise to page you when a message arrives in your Universal Mailbox.

The GroupWise Clients provide an improved, intuitive user interface for the messaging system, enabling you to easily send and receive E-mail, images, appointments, notes, tasks, and attached forms, presentations, and documents. GroupWise supports the widest variety of client and server platforms and gateways of any messaging and collaboration tool. GroupWise is available for IntranetWare, NetWare 4.1 and above, and Windows NT Server 4.0. GroupWise 5.2 supports the Windows NT 4.0, Windows 95, Windows 3.1, UNIX, and Mac OS client platforms.

The GroupWise Administrator is integrated with the 32-bit NetWare® Administrator (NWAdmin) utility, which means that you can easily set up, configure, and maintain GroupWise domains, post offices, libraries, gateways, users, and resources with Novell Directory Services (NDS) as your master directory.

To further simplify message administration, GroupWise 5.2 provides GroupWise Monitor, a snap-in utility for ManageWise that enables you to monitor and manage GroupWise Simple Network Management Protocol (SNMP)-instrumented Agents, servers, and gateways. GroupWise 5.2 also includes the Administration API, which allows developers to create applications that enhance the functionality of the GroupWise Administrator.

GroupWise 5.2 natively supports a broad range of Internet standards, including Internet Message Access Protocol 4 (IMAP4) and Post Office Protocol 3 (POP3), enabling you to access your GroupWise Universal Mailbox with standard E-mail protocol clients. GroupWise 5.2 also supports Lightweight Directory Access Protocol (LDAP) so that intranet and Internet users can access basic directory information from your GroupWise Address Book. In addition, GroupWise 5.2 includes a Java- and Hypertext Markup Language (HTML) 3.2-enabled version of GroupWise WebAccess, making it easy for you to access GroupWise using any standard Web browser.

GroupWise 5.2 includes several new features that enable you to streamline your business processes and that provide you with expanded access to information. With GroupWise WorkFlow, you can send, receive, and respond to work items as easily as E-mail messages. And with GroupWise Imaging, you can send, annotate, and manage electronic images through your Universal Mailbox.

Features*

- Universal Mailbox
- E-mail capabilities
- Document management
- Personal calendaring
- Rules-based message management
- Unlimited attachment viewing and launching

- Proxy Universal Mailbox access
- Group scheduling
- Task management
- **GroupWise WorkFlow**
- **GroupWise Imaging**
- **GroupWise Monitor**
- Conversation Place
- Personal address books
- Folder sharing and conversation threading
- **IMAP4 and POP3 server support**
- Messaging Application Programming Interface (MAPI) support
- **Java- and HTML 3.2-enabled version of GroupWise WebAccess**
- **GroupWise WebPublisher**
- Remote Universal Mailbox access
- Multiple language support
- GroupWise Agents
- GroupWise Gateways (**including GroupWise SMTP/MIME gateway with support for dial-up Connections**)
- **LDAP support in GroupWise client and server software**
- **GroupWise 5.2 Administration API, which enables developers to create applications that extend the functionality of the GroupWise Administrator**
- Native printing capabilities for supported client platforms
- Password encryption
- Completion of user names using the closest match

**Bolded items indicate new GroupWise features.*

Universal Mailbox

A single mailbox holds all your information types, such as E-mail, faxes, documents, spreadsheets, images, schedules, discussions, and tasks. It lets you know if and when messages are delivered, opened, and deleted; who has viewed and who is holding a routed message; and who has accepted, rejected, or delegated scheduled requests. You can also retract, modify, and resend scheduled requests, scheduled tasks, and unopened E-mail messages. GroupWise 5.2 also gives you automatic archiving and deleting options to keep your Universal Mailbox organized and up-to-date.

Because GroupWise automatically indexes the full text of all messages in the Universal Mailbox, including appointments, tasks, notes, message attachments, and documents, you can quickly search all items to locate the information you are looking for. Not only can you search your own mailbox, but also any user's mailbox to which you have been granted proxy access.

GroupWise also offers powerful filtering capabilities, which enable you to display all Universal Mailbox items that meet the criteria you specify. For example, you could display all messages from a specific person with a specific word in the subject field. Or, you could display any task that is due and has not yet been completed.

E-Mail Capabilities

With GroupWise 5.2, you can send messages to other users in your department, your building, or a distant office within a matter of seconds. You can communicate with other users in your organization whether or not they are using GroupWise. With GroupWise's connectivity solutions, you can communicate with almost any other E-mail user in the world.

Document Management

GroupWise 5.2 offers sophisticated document management features. When you place your documents in a GroupWise library, you can indicate who has access to each document and at what level (view-only, modify, or delete). When a document is checked out of your library, other users are limited to view-only access until the document is checked back in. GroupWise also enables you to send a document reference, rather than the actual document, in any GroupWise message. A document reference gives the recipient access to the copy in your library, where all access controls are enforced.

Personal Calendaring

The GroupWise 5.2 personal calendar feature enables you to keep track of personal and business appointments, meetings, and events. After scheduling an appointment in your personal calendar, you can set GroupWise to notify you before the appointment time. You can also schedule and prioritize tasks in your personal calendar, and GroupWise will move any task that is not completed on its scheduled date to the following day's list.

Rules-Based Message Management

GroupWise 5.2 includes advanced rules for message management to help you organize your information. You can use rules to predefine any action or number of actions on incoming and outgoing E-mail messages, personal and group appointments, scheduled tasks, and phone messages. With rules, you can forward, delete, reject, delegate, or reply to any message. Rules also enable you to move a message to a folder or mark any message as private. Any word or combination of words in any part of a message can trigger rules. Because rules are server based, message management is automatic whether or not the user is logged in.

Unlimited Attachment Viewing and Launching

With GroupWise 5.2, you can attach OLE objects and an unlimited number of files of any type (even voice and sound) to your messages. The launching capabilities of GroupWise enable you to easily select an attached file and launch the appropriate application to view, edit, or print the file. GroupWise includes viewers for virtually all popular file formats so that you can look at word processing, spreadsheet, graphics, and other files directly in the message containing them.

Proxy Universal Mailbox Access

The GroupWise 5.2 proxy access feature lets you grant read or read/write access to your appointments, E-mail messages, tasks, and notes. Granting proxy access is useful when you leave the office and need someone else to manage your messages. Only authorized proxies can access messages marked private; you can grant other users access to message notifications, calendar alarms, and preferences.

Group Scheduling

With the scheduling feature, you can schedule individual users, groups of users, and resources—such as conference rooms and equipment—for appointments, meetings, and events. GroupWise's Busy Search function enables you to check calendar conflicts across platforms and post offices spanning multiple time zones. GroupWise 5.2 also lets you view several users' calendars side by side while maintaining the confidentiality of their appointment details.

All GroupWise E-mail features, such as remote access, unlimited attachments and attachment viewing, rules-based message management, full status tracking, and automatic archiving and deleting, also apply to the group scheduling feature.

Task Management

With GroupWise 5.2, assigning a task to another user is as easy as sending E-mail or scheduling an appointment on your personal calendar. You can schedule a specific date and time for a task to appear on an assignee's task list. The task management feature allows you to specify the

priority of the task as well as the date and time by which the task must be completed.

GroupWise WorkFlow

To streamline business tasks, GroupWise WorkFlow lets you initiate and manage workflows—a sequence of actions necessary to complete a business process. With GroupWise WorkFlow, you can send a file or a link to a file, along with instructions, to a series of users (sequential workflow) or a group of users (broadcast workflow). When you send a sequential workflow, GroupWise sends the work item to the first recipient you select—as each user completes the work item, GroupWise automatically forwards it to the next recipient.

If you send a broadcast workflow, a workflow report arrives in your Universal Mailbox when all recipients complete the work item. If you send a sequential workflow, you receive a report when the first recipient completes the work item. GroupWise updates this report each time another user completes the work item.

As a workflow recipient, you receive work items in your Universal Mailbox and you can respond to those items just as you would to E-mail messages. This is useful when you need more information from the workflow sender to complete a task. In addition, you can easily send comments to the workflow originator with the completed work items.

Additional workflow management features are available with GroupWise Workflow Professional, sold as a separate product. It supports conditional, parallel, and circular workflows, and features graphical authoring and graphical status-tracking tools. For more information, see the product section for GroupWise Workflow Professional.

GroupWise Imaging

With GroupWise Imaging, you can scan text and images and save them as GroupWise files. GroupWise Imaging supports TWAIN and IS-IS scanner standards, enabling you to use virtually any desktop scanner. In addition, GroupWise Imaging supports various file types, including Envoy image, bitmap, and PC Paintbrush. Depending on the file format, image files can include one or more black and white, grayscale, or color images.

You can view, store, edit, print, fax, manage, and forward image files in GroupWise as easily as text files. To annotate image files, you can use electronic versions of the marks commonly used on paper-based documents, including text notes, highlighting, and rubber stamps.

More imaging tools are available in the GroupWise Imaging Solutions Pack from Novell partner Whetstone Technologies. This product includes Xerox's full PerfectScan and AutoScan, GIF, XIF, and Kodak Automatic Image Quality technologies. You can get information or order the product by calling (435) 655-3614.

GroupWise Monitor

With GroupWise Monitor, you can use ManageWise, Novell's comprehensive management solution, to oversee any of your GroupWise Agents, servers, and gateways that support SNMP. In addition, GroupWise Monitor provides you with statistics about your Groupwise Agents; it also notifies you if there's a problem with a GroupWise Agent and suggests a course of action to resolve the problem.

Conversation Place

Conversation Place is a GroupWise 5.2 feature that manages your telephone from the GroupWise desktop. It lets you answer your phone, place callers on hold, participate in conference calls, keep a log of calls, and even look up and dial phone numbers from the GroupWise address book. Conversation Place uses TSAPI and TAPI interfaces.

Personal Address Books

With GroupWise 5.2, you can create your own address books, which are separate from the main

GroupWise Address Book. You can add entries for people, resources, and organizations, recording all information in predefined templates that you can customize or in templates that you create.

GroupWise automatically creates an address book for your frequent contacts, containing address information, a correspondence history, and recent messages to help you maintain a record of communications with those you contact most often.

Your personal address book and the GroupWise Address Book are controlled with a MAPI-based application, so you can use them from any MAPI 1.0 client application.

Folder Sharing and Conversation Threading

GroupWise 5.2 enables you to share any Universal Mailbox folder with any number of GroupWise users, including remote GroupWise users. You grant access privileges to the users on your sharing list, controlling whether they can view, add to, modify, or delete the contents of the folder.

GroupWise also automatically keeps conversation threads for all messages you send and receive. With conversation threading, you can view a message and all replies to the message in the order they occur. When used with folder sharing, conversation threading gives you conferencing capabilities. You can hold an electronic discussion within a shared folder, so all participants can see all messages in the order they are given.

Support for IMAP and POP

GroupWise 5.2 supports IMAP4 and POP3, enabling you to access your Universal Mailbox from any location on the Internet. With IMAP, you can view, edit, and manage messages and folders in your GroupWise Post Office. You can also selectively download parts of messages, including headers, which enables you to minimize the data transferred, reducing the connection time. In addition, IMAP and POP support offline operation—you can connect to the GroupWise Post Office, copy your messages and documents to your PC, and disconnect from the network, working offline to save connection time. And with IMAP clients, when you reconnect to the network, your messages and documents are synchronized with those on the server.

MAPI Support

You can access GroupWise 5.2 services not only with the GroupWise Clients, but also with any other MAPI 1.0 client application. The GroupWise address book, message store, and message transport services are all published through MAPI.

GroupWise WebAccess

GroupWise 5.2 includes a new Java- and HTML 3.2-enabled version of GroupWise WebAccess. With GroupWise WebAccess, you can use a Web browser to access your Universal Mailbox. You can access information; check your calendar; perform busy searches; and send and retrieve E-mail, attachments, faxes, appointments, tasks, and documents—all from the Internet or your company's intranet. To make it easy to access your Universal Mailbox using a Web browser, GroupWise WebAccess creates an intuitive browser interface that is virtually identical to the GroupWise desktop environment.

GroupWise WebPublisher

GroupWise WebPublisher is a new document management tool included with GroupWise 5.2. With GroupWise WebPublisher and an HTTP server installed on your network, users can easily publish documents from your GroupWise libraries to the World Wide Web and to your corporate intranet.

Users on the Internet or on your intranet can use any Web browser to access any document in your GroupWise libraries. To find a particular document, they can use its URL, browse for it in the document directories, or perform a full-text search for it.

GroupWise WebPublisher makes it easy to update published documents. Because GroupWise WebPublisher dynamically publishes document directories and documents to the Internet or your intranet when users request them, users see the most recent version of any documents they request. Users who revise published documents simply save them in the word-processing programs they normally use—such as WordPerfect or Word—and GroupWise WebPublisher automatically converts them to HTML format.

GroupWise WebPublisher also makes it easy to ensure that unauthorized users can't see sensitive information. With GroupWise's document security features, you can control access to the GroupWise libraries. In addition, when a user creates a document, he or she can specify whether other users can view or edit it.

Remote Access

GroupWise 5.2's Hit the Road feature helps those who travel or work at home by providing access to GroupWise Agents from standalone or remote PCs using a modem. When using the Hit the Road feature, you have the same capabilities as GroupWise Clients: You can exchange E-mail, appointments, notes, and documents with users on the master system and with other remote users.

In addition, when you work from a remote location, GroupWise automatically determines whether or not you have established a network connection and starts accordingly in connected or disconnected mode. In connected mode, all actions you perform are updated immediately in your Universal Mailbox. In disconnected mode, all actions are stored on your local hard disk. When you restore a network connection or connect to GroupWise with a modem, GroupWise automatically updates all actions you made in disconnected mode in your network Universal Mailbox.

Support for Multiple Languages

GroupWise 5.2 is available in English, German, and Japanese. The architecture of GroupWise supports multiple languages (both single-byte and double-byte) on the same system.

GroupWise Agents

GroupWise Agents include the Message Transfer Agent (MTA), the Administration and Directory Agent (ADA), and the Post Office Agent (POA).

MTA distributes messages among post offices (directories and databases for message storage), domains (groups of one or more post offices), and gateways to external messaging systems. These messages include E-mail, calendaring and scheduling requests, message tracking, and so on.

ADA handles all updates to address books, keeps all GroupWise objects up-to-date, and synchronizes GroupWise with NDS. POA is responsible for the message and document databases. In client-server mode, POA performs all reads and writes to the message and document databases.

GroupWise Agents are available as a set of NetWare Loadable Modules (NLMs) and are also available for Windows NT and UNIX.

GroupWise Gateways

GroupWise Gateways provide GroupWise users with connectivity to a world of messaging systems, message transport protocols, and communication standards. By using various gateways with your GroupWise messaging system, you can expand GroupWise functionality to create a complete messaging solution for your entire enterprise.

The following GroupWise Gateways are included with GroupWise 5.2, each with its own set of

features and requirements:

Async Gateway

GroupWise Async Gateway (NLMš, OS/2) enables GroupWise users to send and receive appointments, tasks, notes, and mail using a modem dial-up connection. It supports all GroupWise features transparently.

Async Gateway offers the following services:

- Encrypts all data for security
- Transparently synchronizes directories between GroupWise locations
- Automatically purges old accounts to reduce the space used on network disks
- Automatically resets modems
- Supports more than 250 modem definitions
- Supports as many as 32 ports with a Digiboard*

For complete information, including hardware and software requirements for Async Gateway, see its heading in the GroupWise Gateways section.

MHS Gateway

GroupWise MHS Gateway (NLM) enables GroupWise and NetWare Global MHSš users to exchange messages.

MHS Gateway provides the following services:

- Supports Standard Message Format (SMF) v71- and SMF v70-level message formats
- Provides a high level of security
- Communicates with any E-mail system that is compatible with NetWare MHSš
- Sends tasks, notes, and schedules to multiple recipients
- Sends message attachments

For complete information, including hardware and software requirements for MHS Gateway, see its heading in the GroupWise Gateways section.

SMTP/MIME Gateway

GroupWise SMTP/MIME Gateway (NLM, Windows NT) enables GroupWise users to exchange messages with users on Simple Mail Transfer Protocol (SMTP)-based messaging systems—either on your intranet or the Internet.

SMTP/MIME Gateway offers the following services:

- Provides Internet E-mail access
- Supports MIME (Multipurpose Internet Mail Extension)
- Supports dedicated or dial-up connections
- Provides automatic detection and decoding of MIME, UUEncode, and BinHex
- Uses multinational character set in MIME messages
- Provides flexible addressing options
- Includes Internet users in GroupWise Address Book
- Supports bang addressing
- Supports sound file (waveform audio) attachments
- Supports inbound nicknames
- Complies with Simple Network Management Protocol (NLM version only)

- Includes an NCF for easy loading (NLM version only)
- Can be loaded by AUTOEXEC.NCF
- Supports inbound accounting
- Provides simple and transparent addressing
- Provides native Internet addresses
- Supports gateway user aliases
- Supports an unlimited number of users and attachments
- Sends GroupWise appointments, tasks, and notes
- Installs easily

For complete information, including hardware and software requirements for SMTP/MIME Gateway, see its heading in the GroupWise Gateways section.

X.25 Gateway

GroupWise X.25 Gateway (OS/2) enables your company to easily build and maintain a wide area network (WAN) messaging system using X.25 packet-switching services purchased from any public telecommunications provider (such as AT&T). Simply install GroupWise and a GroupWise X.25 Gateway for OS/2 at each company site that you need to connect to your WAN messaging system. The GroupWise X.25 Gateways preserve all the functionality of GroupWise; all connected sites can send and receive E-mail, appointments, tasks, and notes.

X.25 Gateway offers the following services:

- Sends message attachments
- Checks for open times on calendars
- Synchronizes directories
- Provides remote access
- Sends warning notification for links that are down
- Includes transparent addressing

For complete information, including hardware and software requirements for X.25 Gateway, see its heading in the GroupWise Gateways section.

Options

You can purchase the following gateways to expand the functionality of GroupWise 5.2:

- Fax Gateway (NLM)
- Gateway for Lotus Notes (OS/2)
- Gateway for OfficeVision/VM (PROFS) (NLM, OS/2)
- GroupWise SNADS Gateway for OV/400, OV/MVS, and MEMO (NLM, OS/2)
- Pager Gateway (NLM)
- SMTP Gateway (UNIX)
- X.400 Gateway (NLM, OS/2)

You can download the following gateways from Novell's World Wide Web site at <http://www.novell.com/novellsw/brands.html>:

- Gateway for cc:Mail (OS/2)
- GroupWise Gateway for Microsoft Mail (OS/2)

You can download the following gateways from Novell's World Wide Web site at http://support.novell.com/search/ff_index.htm:

- GroupWise API Gateway (NLM, OS/2)
- MHS to GroupWise Conversion Utility

You can choose among several Microsoft Mail conversion utilities at <http://support.novell.com/products/gateways> by entering "mail conversion utility" in the search box. From the resulting list you can select the product that matches your environment and needs.

For information about each of these gateways, see its heading in the GroupWise Gateways section.

Client Hardware Requirements

Windows NT 4.0

- 486/33-based PC or above
- 24MB of RAM
- 4MB of free disk space (24MB for full installation on workstation)

Windows 95

- 486/33-based PC or above
- 16MB of RAM
- 4MB of free disk space (24MB for full installation on workstation)

Windows 3.1

- 486/25-based PC or above
- 8MB of RAM
- 2MB of free disk space (20MB for full installation on workstation)

UNIX

- The UNIX Client requires one of the following computers:
 - HP 9000 (700 and 800 series)
 - IBM RS/6000 (with Power/PowerPC 601/604)
 - Sun SPARC
- 60-70MB of hard disk space (depending on platform)
- 5MB RAM for first user; 0.5MB RAM for each additional user

Mac OS

- 68030-based Macintosh IIci or above
- 12MB of RAM
- 13.5MB of free disk space (15MB for full installation on workstation)

Client Software Requirements

Windows

- Windows NT 4.0, Windows 95, or Windows 3.1

UNIX

- Motif 2.4 (Common Desktop Environment 1.0.1)
- The UNIX Client requires one of the following platforms:

- HP 9000 (700 and 800 series)
- Required Operating System: HP-UX 10.20
- IBM RS/6000 (with Power/PowerPC 601/604)
- Required Operating System: AIX 4.1.x
Sun SPARC
- Required Operating System: Solaris 2.5 (with recommended patch bundle)

Mac OS

- Mac OS System 7.1 or above (Mac OS System 7.6 recommended)

Agent Hardware Requirements

IntranetWare or NetWare Server

Agent Component	Minimum RAM Requirements	RAM Requirements for Caching	RAM Requirements for Facilities
GroupWise Agent Engine	3.5MB	N/A	N/A
Post Office Agent	0.5MB	1MB	N/A
Administration and Directory Agent	0.5MB	1MB	32KB x (number of facilities + 5)
Message Transfer Agent	0.5MB	1MB	50KB x number of facilities

Sample Calculations of Required RAM

To run the POA on a server where a post office is located, the server must have at least 5MB (3.5 + 0.5 + 1) of RAM available for use by the POA (including RAM for caching). Running multiple POAs on the same server requires additional RAM.

To run the ADA and MTA on a server where a domain is located, the server must have at least 6.5MB (3.5 + 0.5 + 0.5 + 1 + 1) of RAM available for use by the ADA and MTA (including RAM for caching). If the domain includes five secondary domains and 10 post offices, the ADA requires an additional 640KB for these facilities [32KB x (15 + 5)], and the MTA requires an additional 750KB for these facilities (50KB x 15).

To run all three GroupWise Agents on one server, it must have at least 8MB (3.5 + 0.5 + 0.5 + 0.5 + 1 + 1 + 1) of RAM available for use by the GroupWise Agents (including RAM for caching), in addition to the RAM required for the facilities.

UNIX Server

- The UNIX Agent must run on one of the following computers:
 - HP 9000 (700 and 800 series)
 - IBM RS/6000 (with Power/PowerPC 601/604)
 - Sun SPARC
- 30-40MB of hard disk space (depending on platform)

- 32MB of memory on server where agents are run

The amount of memory used by the GroupWise UNIX agents can vary widely depending on the number of agents running on the server, the number of threads per agent, and the amount of message traffic being processed. One agent might use as little as 2.5MB of real memory and 4MB of swap space. Multiple agents with multiple threads processing heavy message traffic would use many times that amount.

Windows NT Workstation

Agent Component	Minimum RAM Requirements	RAM Requirements for Caching	RAM Requirements for Facilities
GroupWise Agent Engine	3MB	N/A	N/A
Post Office Agent	0.5MB	1MB	N/A
Administration and Directory Agent	0.5MB	1MB	32KB x (number of facilities + 5)
Message Transfer Agent	0.5MB	1MB	50KB x number of facilities

Sample Calculations of Required RAM

To run the POA on a Windows NT workstation to service a post office, the workstation must have at least 4.5MB ($3 + 0.5 + 1$) of RAM available for use by the POA (including RAM for caching). Running multiple POAs on the same workstation requires additional RAM.

To run the ADA and MTA on a Windows NT workstation to service a domain, the workstation must have at least 6MB ($3 + 0.5 + 0.5 + 1 + 1$) of RAM available for use by the ADA and MTA (including RAM for caching). If the domain includes five secondary domains and 10 post offices, the ADA requires an additional 640KB for these facilities [$32\text{KB} \times (15 + 5)$], and the MTA requires an additional 750KB for these facilities ($50\text{KB} \times 15$).

To run all three GroupWise Agents on one Windows NT workstation, it must have at least 7.5MB ($3 + 0.5 + 0.5 + 0.5 + 1 + 1 + 1$) of RAM available for use by the GroupWise Agents (including RAM for caching), in addition to the RAM required for the facilities.

Agent Software Requirements

IntranetWare or NetWare Server

The domains and post offices serviced by the GroupWise UNIX Agents must be created and administered through NetWare Administrator on a NetWare server. In order for NetWare Administrator to access a UNIX file system to create domains and post offices, an NFS connection is required. Novell products that provide this NFS connection include:

- IntranetWare NFS Services—IntranetWare and NetWare 4 Edition
- LAN Workplace Pro for Windows 95 and NT

UNIX Server

- Motif 2.4 (Common Desktop Environment 1.0.1)
- The UNIX Agent requires one of the following platforms:

- HP 9000 (700 and 800 series)

- Required Operating System: HP-UX 10.20
- IBM RS/6000 (with Power/PowerPC 601/604)
- Required Operating System: AIX 4.1.x
- Sun SPARC
- Required Operating System: Solaris 2.5 (with recommended patch bundle)

Windows NT Workstation

- Windows NT 3.51 or above

Implementation

The GroupWise 5.2 CD-ROM software package includes everything you need to install and implement the GroupWise messaging system for a single post office or a multiple domain system on a large WAN. A mailbox license is required for each user.

GroupWise 5.2 Administrator

The GroupWise 5.2 Administrator for NWAdmin provides the software and documentation necessary to set up an entire GroupWise system for your organization. GroupWise Administrator makes it easy for you to create domains, post offices, libraries, and gateways and add users and resources as well as secondary domains to the system.

GroupWise Administrator for NWAdmin is the single point of administration for the entire GroupWise system. It enables you to create all GroupWise objects in NDS and to manage them from the same interface. It also provides management utilities, such as a link configuration utility that allows an administrator to update links to a new domain for the entire system from one location.

Ordering Information

To order GroupWise 5.2 or for more information, contact your local Novell reseller or call the Novell Customer Response Center at 1-801-228-4CRC (1-801-228-4272). Or, in the United States and Canada, call toll free 1-888-321-4CRC (1-888-321-4272).