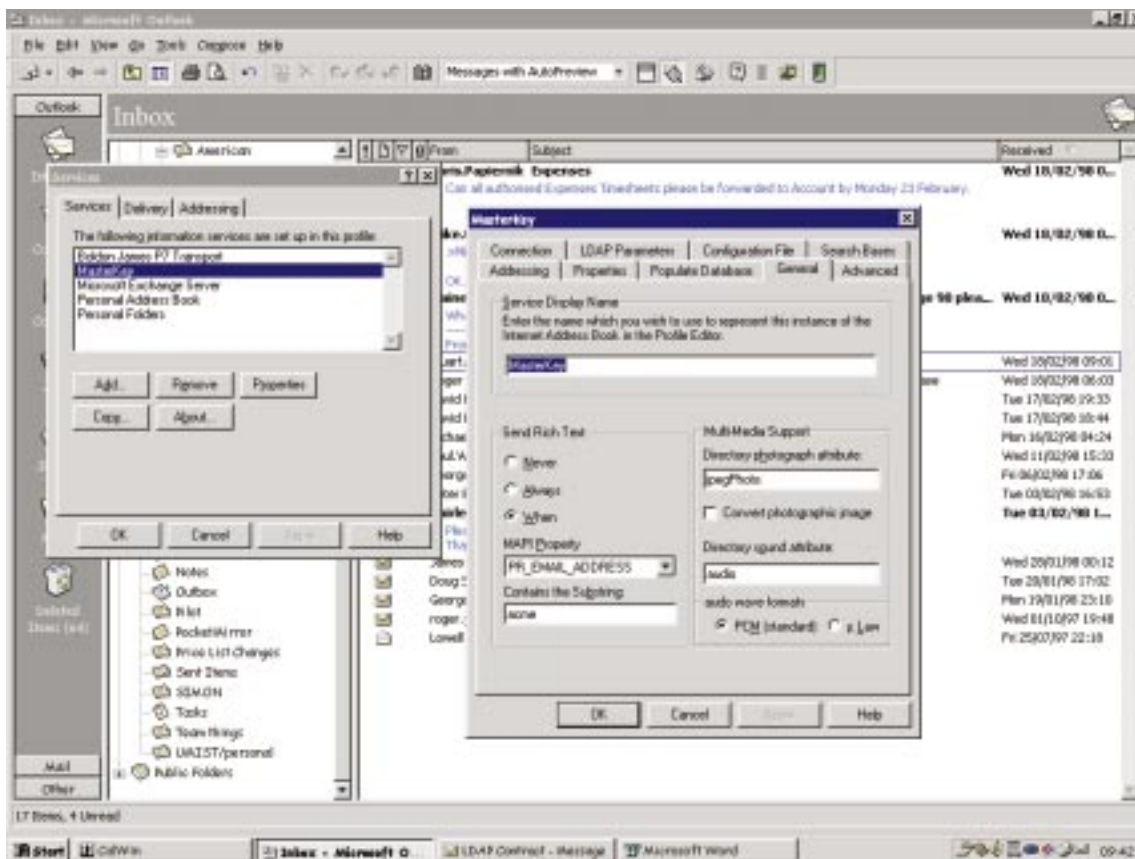




The world's most powerful LDAP address book!

Internet technology has become an essential tool for world-wide business communications but a major obstacle so far has been the lack of a consistent means of finding e-mail addresses. Now that every major supplier of messaging and directory services — Microsoft, Lotus, Novell, Sun, Netscape, IBM, Control Data, Oracle, ISODE and many others — have adopted **LDAP** as a standard means of accessing Internet directories, a solution is at hand. **MasterKey**, a client-based e-mail address book utilising the full power of the LDAP standard, provides access from all the most popular messaging clients to e-mail directories supporting LDAP. Once integrated with your e-mail client, MasterKey provides a single interface on your desktop for powerful searching of LDAP directories world-wide.



► Figure 1: MasterKey in Use with Microsoft Outlook.

Architectural Overview

MasterKey is implemented as a *MAPI address book service provider* — a simple plug-in component for any e-mail client which supports the MAPI service provider architecture. MasterKey integrates seamlessly into the messaging client and is configured via conventional MAPI property sheets. As well as making directory searches, MasterKey can automatically validate names entered in the recipient fields of your e-mail application. Directories accessed by MasterKey simply appear as other address book options in the e-mail client. MasterKey includes support for both Version 2 and Version 3 of LDAP. MasterKey's unique features include the ability to extract a selective copy of the remote LDAP directory and store it locally on the client PC (in a Microsoft Access database) — ideal for mobile users working off-line.

MasterKey Features

MasterKey is a powerful, feature-rich product with many options for defining the search method:

- ▶ Multiple directory support.
- ▶ Simple mass installation tools.
- ▶ Powerful, configurable search options.
- ▶ Configurable attribute mapping (between LDAP and MAPI).
- ▶ Configurable local address database options.
- ▶ Support of custom properties.
- ▶ Foreign language translation guide.
- ▶ Configurable *check names* search method.
- ▶ Enhanced rich text (RTF) configuration support.
- ▶ Support for X.509 & security certificates.
- ▶ International character support.
- ▶ Multi-media facilities.
- ▶ Support for Microsoft SMS installation.

To avoid overwhelming the end-user with complex search options, MasterKey incorporates facilities which allow the system administrator to pre-configure the application to provide the level of functionality appropriate to the users' needs.

Environment Requirements

Internet Directory

MasterKey communicates with the Internet Directory using Version 2 or 3 of the LDAP protocol.

Client Requirements

- ▶ Microsoft Exchange.
- ▶ Microsoft Outlook.
- ▶ Microsoft Windows Messaging.
- ▶ Lotus cc:Mail release 8.
- ▶ Novell GroupWise 5.2.

Minimum Hardware Required

- ▶ PC running either Windows 95, Windows NT Version 3.51 (with Service Pack 5) or Version 4.0 (Workstation or Server).
- ▶ 9Mb of disk space for the deliverables, (comprising approximately 2.5MB for MasterKey, 2.0MB for DAO files and 4MB for ODBC files components).
- ▶ A VGA monitor or better.

Related Products

Personal Directory Administrator

A simple plug-in for Exchange or Outlook which allows users to browse the LDAP directory and modify certain attributes in their own directory entry. Easy to use and install, the PDA dramatically reduces directory administration costs.

Enterprise Address Book

A MAPI address Book that points to a network file stored in ISAM format. The EAB offers rapid, type down address lookup into a conventional "Flat File" Address List.

LDAP-X

An easy-to-use toolkit that allows LDAP directory applications to be built using Visual Basic, WORD macros or any other ActiveX Container application. Integrate your LDAP Directory with common desktop applications.

EM4

Full Military Messaging clients built to European Defence Standards and using service provider technology and robust extensions to the Microsoft messaging product set. If *real* security is an issue, EM4 is the product for you.

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