

MasterKey.net

Delivering LDAP Access from Microsoft's Outlook Web Access Client.

MasterKey.net allows organisations to extend the standard Outlook Web Access (OWA) address book to enable searches of LDAP and X.500 directory servers.

Market Challenge

Microsoft's Outlook Web Access (OWA) client does not include support for searching LDAP directory servers. The only address books available with the OWA client, out of the box, are the Global Address List (GAL) and Contacts folders.

This lack of functionality is a major limitation to users whose organisations have deployed an LDAP (X.500) Directory infrastructure within their messaging system to host corporate information.

LDAP access is a standard feature within the Outlook desktop client and the fact that the thin OWA client does not include support for LDAP limits deployment options. Those users who require LDAP access will be limited to the desktop Outlook client only.

This can be a significant issue as the latest incarnation of the OWA client is a key reason most organisations are selecting to upgrade to Exchange 2003. The arrival of the Boldon James MasterKey.net product has changed that situation significantly.

Boldon James Solution

MasterKey.net extends the standard Outlook Web Access address book. It extends it by including support for LDAP. This means users can now search the corporate LDAP or X.500 directory as well as the standard Global Address List and Contacts that are included out of the box. There is no change to the Outlook Web Access User Interface, nor is there any change in the user experience except when they open the address book, and click the "Find names in:" drop down list.

With MasterKey.net installed the drop down list is extended to include additional searchable LDAP or X.500 address books as the figure below illustrates. You can add as many LDAP address books as necessary pointing to different parts of the same directory, multiple directories or a combination of the two.

The product also works with the Check names feature included with the OWA 2003 client. If the user selects Check Names then any LDAP address present will be searched as well as the standard GAL and Contacts.

By enabling LDAP support from Outlook Web Access MasterKey.net provides a major feature enhancement to the thin client. More Organisations can now enjoy the increased productivity gains and lower TCO of Microsoft's OWA client.

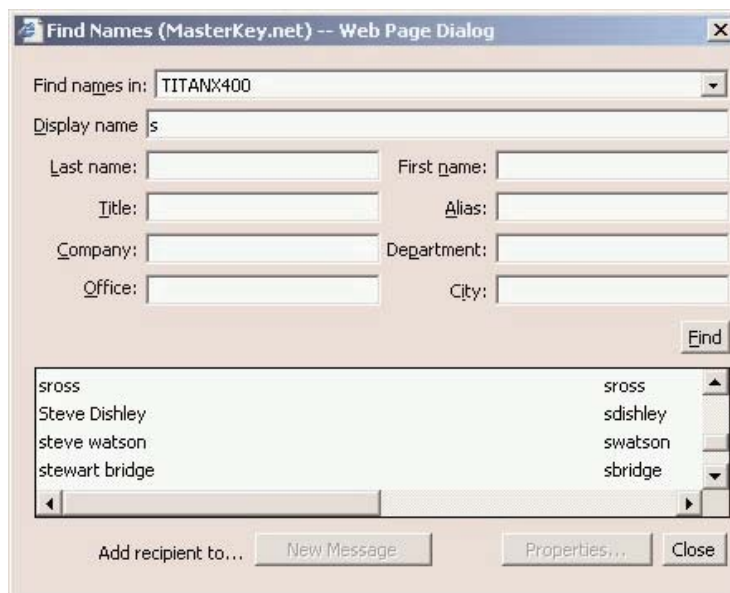


Figure 1: MasterKey.net extending OWA to provide access to LDAP or X.500 servers.

Product Features

- Extended Address Book: MasterKey.net extends the standard OWA address book to enable searches of X.500 or LDAP directory servers.
- Flexible attribute mapping architecture: Search fields can be customized to suit customer needs on a per LDAP attribute basis.
- Flexible Searching: Users are not limited to display name, they can choose to search any single or even multiple fields.
- Secure: The address book supports password authentication and Secure Sockets Layer (SSL) connections.

Technical Details

Hardware

- Intel X86 Architecture
- 4MB of Hard Disk Space

Software

- Microsoft Windows 2003 .NET Enterprise Server
 - File Server
 - Application Server (ASP, IIS and COM+)
 - Active directory (domain controller),
 - DNS server
- Microsoft Exchange Enterprise Server 2003
 - Microsoft Exchange Messaging and Collaboration
 - Microsoft Exchange System Management Tools
- Microsoft Exchange Enterprise Server 2003 - SP1
- Boldon James LDAP-S toolkit (included on the CD)

Product Benefits

- Bridges the gap between Outlook Web Access and the organisations LDAP server.
- Builds on the Low total cost of ownership (TCO) associated with Microsoft's messaging infrastructure by enabling wider deployment of Outlook Web Access.
- Significant productivity gains through increased mobility and ease of access of the messaging infrastructure.
- Low product TCO, single installation at the server level, zero client footprint.

- Simplicity of use, point and click with no end user re-training required. It keeps the Microsoft OWA look and Feel.

Related Products

MasterkeyPlus

Is the thick client version of MasterKey.net. It plugs into the Microsoft Outlook desktop providing users with a sophisticated LDAP Address Book for searching or browsing a corporate directory. See: <http://www.boldonjames.com/products/masterkeyplus.htm>

SAFEmail.net

A new Web Based Military Messaging Client built on Microsoft Outlook Web Access. The product is a true web client with zero desktop footprint. For further information go to: <http://www.boldonjames.com/products/productsmm.htm>

SAFEmail.mil

SAFEmail.mil is a series of extensions to the COTS Microsoft Outlook that allow it to be deployed within a formal defense messaging environment. Out of the box it supports STANAG 4406 V3 specifications as well as support for S/MIME Signatures and Encryption. See: <http://www.boldonjames.com/products/safemailmil.htm>

AFPEX

A new web based aviation message handling system built on top of Microsoft's Outlook web access benefiting from the same Zero footprint client architecture. See: <http://www.boldonjames.com/products/amhs.htm>

AMHS Gateway

The Boldon James AFTNGATE is a high performance multi-protocol message gateway that conforms to the International Civil Aviation organisations (ICAO) Standards and Recommended Practices (SARPS) for Aeronautical Telecommunications Message handling System (ATSMHS) applications. For more information see: <http://www.boldonjames.com/products/acp145.htm>

ACP145 Gateway

A Microsoft Exchange based implementation of the new ACP145 Interop Gateway Protocol. The innovative Boldon James design can be rapidly implemented and offers transition support between many legacy protocols and the new ACP145. See: http://www.boldonjames.com/products/aftn_amhs_gateway.htm

We provide messaging and connectivity software solutions tailored to key vertical markets including Defence, Aviation and Government. In the UK our high grade consultants extend this offering by assisting organisations to manage IT and operational risks through a portfolio of services.

The utilisation of commercial off-the-shelf (COTS) software at the core of our messaging and directory solutions enables us to provide products which meet the requirements of high grade formal messaging environments such as Defence, Intelligence and Aviation as well as other environments in Government and Commerce.

The Consultancy Services division is focused on the creation of Security Policy, BS7799 implementation (through to certification if required), Risk Assessment, Training and Awareness campaigns, Business Continuity and Penetration Testing. These services are tailored for Central and Local Government, the NHS, Utilities, Police Services and large Corporations and led by consultants who are CESG Listed Advisor Scheme members (CLAS) and CHECK accredited team leaders.

Our robust data communications software provides core functionality in many OSI networks including support for the majority of users of ICL (Fujitsu Services) VME Mainframe Computers both in the UK and around the world.

Boldon James is proud of its reputation which is built on the competence of our staff, many of whom can be categorised as world class performers in their field. Our staff hold an impressive array of relevant professional qualifications and accreditations. We believe that customer service is the key to success.

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