



AMI™ solutions

Technical Requirements

Version 4.0 January 2008

Enterprise Intelligence Software

What you mean is what you get™

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AMI products and ongoing developments are covered by the following United States registered patents.

U.S. Patent No: 6-446-064 *Enhancing e-commerce using natural language interface*

U.S. Patent No: 6-594-657 *Enhancing Online Support*

U.S. Patent No: 6-598-039 *Natural Language Interface*

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Foreword

This document lists the hardware and software requirements for the installation of the following AMI solutions:

- **AMI Enterprise Discovery**
- **AMI Enterprise Intelligence**
- **AMI for Domino**

Conventions (Linux, Mac OSX, FreeBSD)

The symbol **#** signifies that the user has Administrator privileges

The symbol **\$** signifies that the user is albert¹..

Documentation

The Documentation directory on your CD ROM contains manuals and product administration support. Please refer to this once Installation is complete.

¹ For more information on albert privileges, refer to your reference guide

1 Prerequisites

1.1 Supported Platforms

	Reference version	Compatible versions
Windows	Server 2003.	2000, 2000 Advanced, XP (Home, Professional), Server 2008, Vista
Linux	SuSE 9.0	9.1, 9.2, 10.0, 10.1 (Glibc-2.3)
	Red Hat Enterprise ES X86-64	Red Hat ES 5.x SuSE 10.x (Glibc-2.3)
	Red Hat 9.0	Red Hat 9.x, SuSE 9.x, SuSE 10.x, Enterprise WS4 (Glibc-2.3)
	Debian 3.0	Debian 3.x, Debian 4.x (Glibc-2.3)
	Fedora 4.0	Fedora 4.x, Fedora 5.x, Fedora 6.x (Glibc-2.3)
Solaris	SuSE 7.2	SuSE 7.x, SuSE 8.x, Red Hat 7.x, Red Hat 8.x (Glibc-2.2)
Mac OSX	10.4 (Intel)	10.5 (Intel)
FreeBSD	5.4	5.x, 6.x

2 Note: We no longer support the following earlier versions of Windows: Windows 98, NT4 or ME

3 For Linux installations supported architectures are i386, x64 and ia64

1.2 Hardware requirements

System performance is linked to server processor power. A minimum amount of free disk space is required to install the system equivalent to the size of the repository to be searched (X) or index if one is known.

Note that the minimum requirements given are more suited to test environments, production environments benefit greatly from the highest possible server specification.

	Minimum (CPU/RAM/HD)	Recommended (CPU/RAM/HD)
Windows	Core 2 Duo 1.8Ghz / 1Gb / 10Gb + X	Core 2 Quad, 64 Bits, 3GHz / 4Gb / 20Gb+X*2
Linux	Core 2 Duo 1.8Ghz / 1Gb /10Gb+X	Core 2 Quad, 64 Bits, 3GHz / 4Gb / 20Gb+X*2
Solaris	Ultra10/1Gb/10Gb+X	Enterprise220-L/4Gb/20Gb+X*2
FreeBSD	Core 2 Duo 1.8Ghz / 1Gb / 10Gb + X	Core 2 Quad, 64 Bits, 3GHz / 4Gb / 20Gb+X*2
Mac OSX	Core 2 Duo 1.8Ghz / 1Gb /10Gb+X	4-core XServe/3Ghz/4Gb/20Gb+X*2

1.3 Software requirements

The following components are mandatory unless otherwise stated. The installation of the AMI Base Server product can not proceed without these components.

Application	Software	Version
Web Server	Apache (all systems) or IIS (Windows)	We recommend Apache, version 1.3.28 as a minimum, version 2.0 recommended IIS 5 or IIS 6
Database	MySQL	Version 4.1. minimum Version 5.0 recommended
Web page generator	PHP	Version 5.0 minimum Version 5.1.x, and 5.2.x supported except 5.2.0 (provided by the Windows installer)
Web Browser (AMI Enterprise Intelligence)	Internet Explorer Firefox	6.0, 7.0 1.5, 2.0
Office (Export functions within AMI Enterprise Intelligence)	Microsoft Office 2003 (Windows) Open Office 2.1	

Optional

Additional Web Server	FastCGI	Provided by the Windows installer
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If you need to install or upgrade software it is strongly recommended that you install from the CD-ROM relevant to your chosen environment. If this is not possible use the packages provided in the AMI CD-ROM, in the directory

XtrnPackages / externalpackages.

1.3.1 Apache

Apache versions 1.3 or 2.0 can be used (version 2.2 is not recommended). It can be downloaded at

<http://httpd.apache.org>

The following modules may be necessary depending on your installation:

Mod_alias
mod_cgi
mod_env

Caution: If the version of Apache installed on the server is a compiled version, you should consult with our Development team to define the product operation environment.

1.3.2 MySQL

The minimum version is 4.1. but preferably the latest version 5.0 (5.0.45). Version 5.1 is supported.

MySQL downloads can be found at:

<http://dev.mysql.com/downloads/mysql/5.0.html>

1.3.3 PHP

The minimum version supported is version 5.0.0. Versions 5.1 and 5.2 are supported, except version 5.2.0. We do not recommend the use of higher versions (5.3, 6.0...) without prior consultation with a member of our Development team

PHP is provided automatically when you install under Windows and includes all the necessary modules. For other platforms, it can be downloaded at:

<Http://www.php.net/downloads.php>

It will be necessary to confirm that the following modules are installed (most are generally available by default, a phpinfo (), to validate).

Ctype, curl, gd (version 2), mysql, session, sockets, xml, zlib

Caution: If the version of PHP installed on the server is a compiled version, or specific, you should consult with our Development team to define the product operation environment.

1.3.4 Web Browser

Browsers supported are Internet Explorer (versions 6.0 and 7.0) and Firefox (versions 1.5 and 2.0).

It is known also that the product works to a good extent with other browsers such as Safari, Konqueror, Opera and earlier versions of Internet Explorer and Firefox but we can make no guarantees regarding the functional capability of the software using these browsers.

1.3.5 Office

AMI provides the ability to export documents in Microsoft Office formats. This Feature is available to a client logged on to AMI if the client has access to Microsoft Office 2003 for Windows or Open Office 2.1 (all platforms). Note that Microsoft Office 2004 for Macintosh is not supported.

1.3.6 FastCGI

FastCGI is an optional module which allows you to optimise the use of Web Servers. FastCGI is mainly recommended in cases where a significant number of users require access to the search engine.

It is installed automatically with Windows.

For other platforms, it can be downloaded at

<http://www.fastcgi.com>

Use the latest version

1.4 Windows

Application	To check version	To update software
Web Server: IIS	Launch Internet Services Manager menu Help, About ... 5.0/6.0	Add or Remove Programs, Windows Components Using the Windows installation CD-ROM
Web Server: Apache (If you do not want to use IIS)	Properties Apache.exe, Tab version	http://httpd.apache.org/
Database: MySQL	>c:/mysql/bin/mysql.exe -u root -V Ver 14.12 Distrib 5.0.45, for Win95/Win98 (i32)	http://www.mysql.com/
PHP	Properties php.exe, Tab version Version 5.2.1	http://www.php.net/

1.5 Linux

Refer also to the table in section 1.1: Environment compatibility

Application	To check whether software is installed	To update software
AMI	Rpm-q-f / lib/libc.so.6 Glibc-2.3.x Depending on the version number	Contact Us
Web Server: Apache	\$ rpm -q apache apache-1.3.37	Use the distribution CD or Download from http://httpd.apache.org/
Database: MySQL	\$ rpm -qa mysql -V mysql Ver 5.0.45	Use the distribution CD or Download from http://www.mysql.com/
PDF Filter : Xpdf	\$ rpm -q xpdf xpdf-3.00	Use system distribution CD
antiword MS Word filter	\$ antiword -h Version: 0.35	See CD Section XtrnPackages

Optional

Additional Web Server	<pre>\$ grep fastcgi /var/log/httpd/error_log ... mod_fastcgi/2.2.12</pre>	See in the distribution CD Section XtrnPackages
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1.6 Mac OSX

Application	To check whether software is installed	To update software
Web Server: Apache	\$ /usr/sbin/httpd -v apache-1.3.33	It is preferable to use the version installed as standard or download from http://httpd.apache.org/
	\$ php -version PHP 5.2.1 (cli)	Use the Entropy distribution CD http://www.entropy.ch/software/macosex/php/
Database: MySQL	\$ mysql -V Ver 14.12 Distrib 5.0.45	Use the distribution CD or download from http://www.mysql.com/
PDF Filter : Xpdf	\$ xpdf -v xpdf version 3.00	Use FinkCommander to install the package
antiword MS Word filter	\$ antiword -h Version: 0.33	Use FinkCommander to install the package

1.7 FreeBSD

FreeBSD	To check whether software is installed	To update software
Web Server: Apache	\$ httpd -V server version apache/1.3.37	See http://www.apache.org
Database: MySQL	mysql Ver 14.12 Distrib 5.0.45 for FreeBSD	See http://www.mysql.com
PDF Filter : Xpdf	\$ xpdf -f xpdf version: 0.92	See in the Distribution CD: section XtrnPackages
antiword MS Word filter	\$ antiword -h Version: 0.35	See in the Distribution CD: section XtrnPackages
Postscript filter : pstotext	\$ pstotext -h pstotext 1.8g	See in the Distribution CD: section XtrnPackages

2 Prerequisites for specific solutions

2.1 AMI for Domino

	Reference version	Compatible versions
Domino	Release 5.0.8 / Windows 2000	Domino 6.0
QuickPlace	2.0.8 / Windows 2000	
AMI	Windows Server 2003	Server 2000, XP
	Linux, Solaris (Contact Us)	

For further information refer to the product documentation

2.2 AMI Enterprise Intelligence

	Reference version	Compatible versions
PHP	5.2.1	5.0.x, 5.1.x, 5.2.x. (except 5.2.0.)
Client Browser	Internet Explorer 6.0 Firefox 2.0	7.0 1.5, 3.0
Office Export	Microsoft Word 2003 (Windows only) Open Office 2.1	Open Office 2.2, 2.3