



Technical requirements

AMI solutions

ref. TREN39140803

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Foreword

This document lists the technical hardware and software requirements for the installation of AMI solutions : *AMI Enterprise Discovery*, *AMI Website Access* , *AMI Market Intelligence*, *AMI for Domino* and *AMI Enterprise Intelligence*.

Conventions

shows that the user has root (super-user) privileges

\$ shows that the user is albert¹.

The installation requires root privileges to update system components.

Our examples are based on SuSE.

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

/Documentation

The folder Documentation on your CD ROM contains more documentations on the product. Please refer to it when installation is complete.

1 Platforms supported

	Reference version	Compatible versions
Linux	SuSE 7.2	7.2, 7.3, 8.0, 8.1 (Glibc-2.2)
	SuSE 7.0	6.2
	RedHat 9.0	(Glibc-2.3)
	RedHat 7.1	7.2
	RedHat 6.2	(Glibc-2.1)
	Mandrake 8.2	8.1
Solaris	Solaris 2.7	
	Solaris 8	
Windows	2003 Server	2000 Server / Advanced, XP (Home, Professional)

2 Hardware requirements

The performance of the system is linked to the power of your processor. A minimum amount of free disk space is necessary to install the system, equivalent to the size of the collection to be indexed (X), if appropriate.

	Minimum (CPU/RAM/HD)	Recommended (CPU/RAM/HD)
Linux	P4 2,5GHz/512Mo/100Mo+X	bi- P4 3,5GHz/2Go/100Mo+X*2
Solaris	Ultra10/512Mo/100Mo+X	Enterprise220-L/1Go/100Mo+X*2
Windows	p4, 512mb ram, x Gb disk	bi- P4 3,5GHz/2Go/100Mo+X*2

3 Software requirements

These elements are obligatory unless otherwise stated.

- ✓ If you need to install or update some software, use your distribution cdrom. If this is not possible, then use the AMI solution distribution cdrom, software are available in the *XtrnPackages/* directory.
- ✓ To download the latest version of required software, also:
 - for Apache: <http://www.apache.org> (version 2.x)
 - for MySQL: <http://www.mysql.com> (version 4.1)
 - for FastCGI: <http://www.fastcgi.com> (latest version)
 - for PHP : <http://www.php.net/downloads.php> (version 4.3.x).

3.1 Linux

3.1.1 SuSE

- ✓ AMI solution distribution for SuSE 7.1 can be used for compatible versions SUSE 7.2, 7.3, 8.0 and 8.1.

SuSE 7.1	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.14</pre>	<pre># / sbin/yas t2 ... add pkg: apache</pre>
RDBMS: MySQL	<pre>\$ rpm -qa mysql -V mysql Ver 11.12 Distrib 3.23.32</pre>	<pre># / sbin/yas t2 ... add pkg: mysql ... add pkg: mysql- client</pre>

PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.91</pre>	<pre># / sbin/yas t2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h Version: 0.32</pre>	<pre>See XtrnPac ages in Albert distribu tion tree</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h 1.6g</pre>	<pre>See XtrnPac ages in Albert distribu tion tree</pre>
GNU C++ Compiler : gppshare ²	<pre>Rpm -qa grep g++</pre>	<pre>CD1 / dl Group: Developm ent Copyrigh t: GPL Size: 3.2 MB Version: 2.95.3 Release: 63</pre>

Note: whatever platform is used, the use of the *pstotext* filter requires *Ghostscript 5.50*

See <http://www.ghostscript.com/doc/gnu/gnu550.htm>

Optional

Application server: FastCGI	<pre>/var/log/httpd /error _log ... mod_fastcgi/2. 2.12</pre>	<pre>See XtrnPac ages in Albert distribu tion tree</pre>
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-> AMI solution distribution for SuSE 7.0 can be used for compatible SUSE 6.2.

² You may find the source code for gpp in the package gcc, series zq.

SuSE 7.0	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.12</pre>	<pre># / sbin/yas t2 ... add pkg: apache</pre>
RDBMS: MySQL	<pre>\$ rpm -qa grep -i mysql mysql 3.22.32</pre>	<pre># / sbin/yas t2 ... add pkg: mysql ... add pkg: mysql- client</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.90</pre>	<pre># / sbin/yas t2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h version: 0.32</pre>	<pre>See XtrnPac ages in Albert distribu tion tree</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h version 1.8g</pre>	<pre>See XtrnPac ages in Albert distribu tion tree</pre>
GNU C++ Compiler : gppshare ³	<pre>Rpm -qa grep g++</pre>	<pre>CD1 / dl Group: Developm ent Copyrigh t: GPL Size: 3.2 MB Version: 2.95.3 Release: 63</pre>

³ You may find the source code for gpp in the package gcc, series zq.

Note when using SuSE 7.0: the use of albExpander requires MySQL version 3.23.16

Optional

Application server: FastCGI	<pre>\$ grep fastcgi /var/log/h ttpd/error _log ... mod_fastcg i/2.2.12</pre>	<pre>See XtrnPackag es in Albert distributi on tree</pre>
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3.1.1.1 Compatible versions

-> If you have SuSE 6.2 use AMI solution distribution for SuSE 7.0.

SuSE 6.2	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.6</pre>	<pre># /sbin/yast2 ... add pkg: apache</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.80</pre>	<pre># /sbin/yast2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h version: 0.32</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h version 1.8g</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
GNU C++ Compiler : gppshare ⁴	<pre>Rpm -qa grep g++</pre>	<pre>CD1 / dl Group: Development Copyright: GPL Size: 3.2 MB Version: 2.95.3 Release: 63</pre>

⁴ You may find the source code for gpp in the package gcc, series zq.

Optional

Application server: FastCGI	<pre>\$ grep fastcgi / var/log/httpd/ error_log ... mod_fastcgi/2. 2.12 ...</pre>	<pre>See XtrnPacka ges in Albert distribut ion tree</pre>
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-> If you have SuSE 7.2 , use AMI SOLUTION distribution for SuSE 7.1

SuSE 7.2	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.19</pre>	<pre># /sbin/yast2 ... add pkg: apache</pre>
RDBMS: MySQL	<pre>\$ mysql -V mysql 3.23.37</pre>	<pre># /sbin/yast2 ... add pkg: mysql ... add pkg: mysql-client</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.92</pre>	<pre># /sbin/yast2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h version: 0.32</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h version 1.8g</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
GNU C++ Compiler : gppshare ⁵	<pre>Rpm -qa grep g++</pre>	<pre>CD1 / dl Group: Development Copyright: GPL Size: 3.2 MB Version: 2.95.3 Release: 63</pre>

⁵ You may find the source code for gpp in the package gcc, series zq.

Optional

Application server: FastCGI	<pre>\$ grep fastcgi / var/log/httpd/ error_log ... mod_fastcgi/2. 2.12 ...</pre>	<pre>See XtrnPacka ges in Albert distribut ion tree</pre>
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-> If you have SuSE 7.3, use AMI SOLUTION distribution for SuSE 7.1

SuSE 7.3	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.20</pre>	<pre># /sbin/yast2 ... add pkg: apache</pre>
RDBMS: MySQL	<pre>\$ mysql -V mysql 3.23.41</pre>	<pre># /sbin/yast2 ... add pkg: mysql ... add pkg: mysql-client</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.92</pre>	<pre># /sbin/yast2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h version:0.32</pre>	<pre># /sbin/yast2 ... add pkg:antiword</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h 1.8g</pre>	<pre>See XtrnPackages in Albert distribut ion tree</pre>
GNU C++ Compiler : gppshare ⁶	<pre>Rpm -qa grep g++</pre>	<pre>CD1 / dl Group: Development Copyright: GPL Size: 3.2 MB Version: 2.95.3 Release: 63</pre>

⁶ You may find the source code for gpp in the package gcc, series zq.

Optional

Application server: FastCGI	<pre>\$ grep fastcgi / var/log/httpd/ error_log ... mod_fastcgi/2. 2.12 ...</pre>	<pre>See XtrnPacka ges in Albert distribut ion tree</pre>
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-> If you have SuSE 8.0, use AMI SOLUTION distribution for SuSE 7.1

SuSE 8.0	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.23- 73</pre>	<pre># /sbin/yast2 ... add pkg: apache</pre>
RDBMS: MySQL	<pre>\$ rpm -q mysql mysql 3.23.48- 19</pre>	<pre># /sbin/yast2 ... add pkg: mysql ... add pkg: mysql-client</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.93-110</pre>	<pre># /sbin/yast2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h version: 0.32</pre>	<pre># /sbin/yast2 ... add pkg:antiword</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h pstotext1.8g</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
GNU C++ Compiler : gppshare ⁷	<pre>Rpm -qa grep g++</pre>	<pre>CD1 / d1 Group: Development Copyright: GPL Size: 3.2 MB Version: 2.95.3 Release: 63</pre>

⁷ You may find the source code for gpp in the package gcc, series zq.

Optional

Application server: FastCGI	<pre>\$ grep fastcgi / var/log/httpd/ error_log ... mod_fastcgi/2. 2.12 ...</pre>	<pre>See XtrnPacka ges in Albert distribut ion tree</pre>
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SuSE 8.1	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.23- 73</pre>	<pre># /sbin/yast2 ... add pkg: apache</pre>
RDBMS: MySQL	<pre>\$ rpm -q mysql mysql 3.23.48- 19</pre>	<pre># /sbin/yast2 ... add pkg: mysql ... add pkg: mysql-client</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-1.01-61</pre>	<pre># /sbin/yast2 ... add pkg: xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h version: 0.32</pre>	<pre># /sbin/yast2 ... add pkg:antiword</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h pstotext1.8g</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
System library [pdftotext filter]: freetype	<pre>rpm -qa freetype Package: "freetype" TrueType Font Engine Documentation : / usr/share/doc/ packages/freet ype</pre>	<pre>CD1: / suse/i586/free type-1.3.1- 656.i586.rpm Group: system/Librari es Version: 1.3.1 Release: 656</pre>

SuSE 8.1	Checking presence	Updating software (/cdrom)
System library (libstdc++-libc6.2-2.so.3): compat	<pre>rpm -qa compat</pre>	<pre>CD1: / suse/i586/comp at-2002.8.15- 19.i586.rpm Group: System/Librari es Version: 2002.8.15 Release: 19</pre>

Optional

Conversion utf8 -> iso8859-1: <i>glibc-locale</i>	<pre>\$ grep glibc- locale</pre>	<pre>See XtrnPackages in Albert distribution tree</pre>
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3.1.2 REDHAT

-> If you have RedHat 7.0, use AMI SOLUTION distribution for RedHat 7.0.

RedHat 7.0	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-3.19-5</pre>	<pre># rpm -i apache</pre>
RDBMS: MySQL	<pre>\$ mysql -V mysql Ver 11.13 Distrib 3.23.36</pre>	<pre># rpm -i mysql mysqlclie nt mysqlserv er</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.92-3</pre>	<pre># rpm -i xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h Version: 0.32</pre>	<pre>See XtrnPacka ges in Albert distribut ion tree</pre>

Postscript filter: pstotext	<pre>\$ pstotext -h 1.8g</pre>	See XtrnPacka ges in Albert distribut ion tree
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Optional

Application server: FastCGI	<pre>\$ grep fastcgi /var/log/httpd /error _log ... mod_fastcgi/2. 2.12 ...</pre>	See XtrnPacka ges in Albert distribut ion tree
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-> If you have RedHat 7.1 or 7.2, use AMI SOLUTION distribution for RedHat 7.1.

RedHat 7.1	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-3.19-5</pre>	<pre># rpm -i apache</pre>
RDBMS: MySQL	<pre>\$ mysql -V mysql Ver 11.13 Distrib 3.23.36 for redhat- linux-gnu (i686)</pre>	<pre># rpm -i mysql mysqlclie nt mysql- server</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf xpdf-0.92-3</pre>	<pre># rpm -i xpdf</pre>
MS-Word filter: antiword	<pre>\$ antiword -h Version: 0.32</pre>	See XtrnPacka ges in Albert distribut ion tree
Postscript filter: pstotext	<pre>\$ pstotext -h 1.8g</pre>	See XtrnPacka ges in Albert distribut ion tree

Optional

Application server: FastCGI	<pre>\$ grep fastcgi /var/log/httpd /error _log ... mod_fastcgi/2. 2.12 ...</pre>	<pre>See XtrnPacka ges in Albert distribut ion tree</pre>
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-> If you have RedHat 6.2, use AMI SOLUTION distribution for RedHat 6.2..

3.1.3 Mandrake

-> If you have Mandrake 8.1 or 8.2, use AMI SOLUTION distribution for Mandrake 8.1.

Mandrake 8.1	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ rpm -q apache apache-1.3.20- 3mdk</pre>	<pre># rpm -i apache apache- conf apachecom mon apachemod ules</pre>
RDBMS: MySQL	<pre>\$ mysql -v mysql Ver 11.15 Distrib 3.23.41 for pc- linuxgnu(i686)</pre>	<pre># rpm -i MySQL MySQL- shared MySQLclie nt</pre>
PDF Filter: Xpdf	<pre>\$ rpm -q xpdf Xpdf-0.92-5mdk</pre>	<pre># rpm -i xpdf</pre>
MS-Word filter: antiword	<pre>\$ rpm -q antiword antiword-0.31- 2mdk</pre>	<pre># rpm -i antiword</pre>

Postscript filter: pstotext	<pre>\$ pstotext -h 1.8g</pre>	See XtrnPacka ges in Albert distribut ion tree
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Optional

Application server: FastCGI	<pre>\$ grep fastcgi /var/log/httpd /error _log ... mod_fastcgi/2. 2.12 ...</pre>	See XtrnPacka ges in Albert distribut ion tree
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3.2 Solaris

See www.sunfreeware.com for latest packages.

Solaris 2.7 / 8	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>\$ httpd -V server version apache/1.2 3.14</pre>	<pre>http://www.apa che.org</pre>
RDBMS: MySQL	<pre>mysql Ver 11.15 Distrib 3.23.38, for sun- solaris2.7 (sparc)</pre>	<pre>http://www.mys ql.org</pre>
PDF Filter: Xpdf	<pre>\$ xpdf -f xpdf version: 0.92</pre>	See XtrnPackag es in Albert distributi on tree

MS-Word filter: antiword	<pre>\$ antiword -h Version: 0.32</pre>	<pre>See XtrnPackag es in Albert distributi on tree</pre>
Postscript filter: pstotext	<pre>\$ pstotext -h 1.8g</pre>	<pre>See XtrnPackag es in Albert distributi on tree</pre>

3.3 Windows

Third party products software provided in cdrom.

Windows 2000	Checking presence	Updating software (/cdrom)
Web server: Apache	<pre>Version 1.3.31</pre>	<pre>http://www.apache.org</pre>
Web server: IIS	<pre>5.0</pre>	<pre>Windows 2003 install disks</pre>
RDBMS: MySQL	<pre>mysql Ver 4.3.0</pre>	<pre>http://www.mysql.org</pre>
PHP interpreter	<pre>Version 4.3.0</pre>	<pre>http://www.php.net/downloads/</pre>

PHP |

In *php.ini* file check that

`register_globals = On` must be set to *On*, by default it is set to *Off*;

`safe_mode=Off` or

`safe_mode_allowed_env_vars=LD_LIBRARY_PATH, ALBERT`

And finally check that environment variables *LD_LIBRARY_PATH* and *ALBERT* are not defined in *safe_mode_protected_env_vars*.

4 Albert' solutions specificities

4.1 AMI for Domino

	Reference version	Compatible versions
Domino	Release 5.0.8 / Windows 2000	Domino 5.0.10 / Windows NT4
QuickPlace	2.0.8 / Windows 2000	
AMI solution	SuSE (6.x, 7.x, 8.x)	Red Hat (7.x), Mandrake (8.x)
	Solaris (7, 8)	

4.2 AMI Enterprise Intelligence

PHP 4.3.

For further information, refer to AMI for Market Intelligence documentation.

4.3 Preparing installation

Refer to the Installation document.

For MySQL and Apache server to be launched at boot time⁸:

```
#> /sbin/chkconfig apache on
#> /sbin/chkconfig mysql on
```

To start MySQL and Apache services⁹

```
#> /etc/init.d/apache start
#> /etc/init.d/mysql start
```

⁸ Command for SuSE 8.0. Use your usual way to configure servers.

⁹ According to your configuration, commands might be httpd for apache and mysql.server for MySQL server.