

Hardware Notes - Pro/INTRALINK 3.4

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The following notes apply to all datecodes within the Pro/INTRALINK 3.4 release. Please review carefully for any datecode-specific updates.

| Platform Support | | | | | |
|--|--|----------------|--------------------------------|---------------------------------------|--|
| Partner Click on a partner name below to see specific operating system patch requirements | Platform | Client Support | Dataserver, Fileserver Support | Single-Site Dataserver and Fileserver | Language Support Detailed Localization Support |
| Hewlett-Packard | HP-UX 11i V1 (PA-RISC 7000 or later processor) | Yes | Yes | Yes | English, German, French, Italian, Spanish, Japanese |
| | HP-UX 11.0 (PA-RISC 7000 or later processor) | Yes | Yes | Yes | |
| Microsoft | Windows 2003 Server (32 bit) | No | Yes | Yes | English, German, French, Italian, Spanish, Japanese, Traditional Chinese, Simplify Chinese |
| | Windows XP Professional – SP1, SP2 | Yes | No | No | |
| | Windows 2000 Server | No | Yes | Yes | |
| | Windows 2000 - SP3, SP4 | Yes | Yes | Yes | |
| Sun | Solaris 9 | Yes | Yes | Yes | English, German, French, Italian, Spanish, Japanese |
| | Solaris 8 | Yes | Yes | Yes | |
| IBM | AIX 5.2 | No | Yes | No | English, German, French, Italian, Spanish, Japanese |
| NOTES | | | | | |
| <ol style="list-style-type: none"> 1. The above supported platforms are tested on a variety of machine models, window managers, graphics hardware and graphics software requirements, and do not differ from Pro/ENGINEER requirements unless noted. 2. Microsoft Windows OSs, HP-UX, and Solaris Pro/INTRALINK Client machines require their specific OS Patches for JRE 1.4.2. Please see section below on Operating System Patch Requirements for more details. 3. Other UNIX supporting issues please refer to "Read This First" for more details. 4. Oracle Unbundled Pro/INTRALINK Release will support Oracle Enterprise edition and Oracle Standard edition. | | | | | |

| Minimum Client System Requirements: UNIX | |
|--|--|
| Minimum Available Disk Space | 600 MB |
| Minimum Main Memory (for Pro/INTRALINK only) | 300 MB |
| Minimum Swap Space | Double size of the system main memory (RAM). |
| NOTES | |

All UNIX Workstations require their specific operating system patches for JRE 1.4.2. Please see the "Read This First" for more details.

Minimum Client System Requirements: Windows 2000/XP Workstations

| | |
|---|--|
| Minimum Available Disk Space | 600 MB |
| Minimum Main Memory (for Pro/INTRALINK only) | 300 MB |
| Minimum Swap Space | Double size of the system main memory (RAM). |

General Data Server Requirements

The database size is determined based on the number of objects (and their versions) that will be stored within Pro/INTRALINK, as well as by the number of user-defined attributes that will be used for each object. The following table provides guidelines that can be used to determine the appropriate database size:

| Pro/INTRALINK Database Size | | | |
|---------------------------------------|------------------------------|--------------------------------|---------------|
| Total # of objects and their versions | # of user-defined attributes | # of simultaneous server users | Database Size |
| Up to 2000 | 1 – 10 | 1-10 | Small |
| Up to 10,000 | 11 – 50 | 11-50 | Medium |
| Over 10,000 | Over 50 | Over 50 | Large |

The information below provides general requirements for UNIX (HP, Sun) and Windows NT (Intel-based) Pro/INTRALINK servers.

Pro/INTRALINK Data Server Requirements - UNIX Servers

| | | |
|-------------------------------------|---|--------------------------------|
| Minimum Available Disk Space | Small Server Configuration | 4,8 GB |
| | Medium Server Configuration | 6 GB |
| | Large Server Configuration | 10 GB |
| Memory Requirements | Small Server Configuration | Minimum 512MB. Recommended 1GB |
| | Medium Server Configuration | Minimum 1GB. Recommended 2GB |
| | Large Server Configuration | Minimum 2GB. Recommended 4GB |
| Minimum Swap Space | Double size of the system main memory (RAM), or 1 GB, which ever is greater | |

Pro/INTRALINK Data Server Requirements - Windows 2000/2003 Servers

| | | |
|-------------------------------------|---|--------------------------------|
| Minimum Available Disk Space | Small Server Configuration | 4,5 GB |
| | Medium Server Configuration | 6 GB |
| | Large Server Configuration | 10 GB |
| Memory Requirements | Small Server Configuration | Minimum 1GB. Recommended 1GB |
| | Medium Server Configuration | Minimum 1.5GB. Recommended 2GB |
| | Large Server Configuration | Minimum 2GB. Recommended 4GB |
| Minimum Swap Space | Double size of the system main memory (RAM), or 1 GB, which ever is greater | |

The information below provides general Oracle versions for both Oracle Enterprise and Standard Edition requirements for UNIX (HP, Sun, IBM) and Windows 2000/2003 (Intel-based) Pro/INTRALINK servers.

| Pro/INTRALINK Data Server Oracle Version Requirements | | |
|---|--|----------------|
| Partner | Platform | Oracle Version |
| Sun | Solaris 9, Solaris 8 | 9.2.0.4.0 |
| Hewlett-Packard | HP-UX 11.0, HP-UX 11i V1 | 9.2.0.4.0 |
| Microsoft | Windows 2000 Professional – SP3, SP4 Windows 2000/2003 Server | 9.2.0.4.0 |
| IBM | AIX 5.1 | 9.2.0.4.0 |

Pro/INTRALINK Toolkit

The following tables list the platform compiler requirements for Pro/INTRALINK Toolkit. Pro/INTRALINK Toolkit is supported on all Pro/INTRALINK Client-supported platforms and is available on the Pro/INTRALINK Toolkit CD.

PTC provides the "makefiles" that are used to build applications for regression test purposes. These "makefiles" can be found in the <toolkit_loadpoint>/intralink/iltkapps/iltk_demo/<machine_type> directory. It is recommended that these "makefiles" are used as templates in order to maintain quality assurance.

| Pro/INTRALINK Toolkit Release 3.3 | |
|-----------------------------------|--|
| Platform | Compiler Description |
| Windows 2000/XP/2003 (Intel) | Microsoft Visual C++ Version 6.0 SP3 |
| HP | HP ANSI C compiler Release A.11.01.20 Requires aCC for linking Toolkit Applications |
| Sun | SC (C) 6.2 |

Operating System Patch Requirements

All recommended patches for Java or Oracle should be installed before you install Pro/INTRALINK client or Data Server. Some patches are absolutely required to run Java or Oracle database, others are recommended for optimum performance. We recommend that you install all the patches shown for your system configuration.

HP-UX 11 and 11i PA-RISC Patches for Java SDK and RTE 1.4.2 (up to 1.4.2.00)

System requirements

For best performance on HP-UX PA-RISC systems: HP server series rp5400, rp7400, rp8400, and Superdome, and PA-based workstations. The recommended minimum system for running Java applications is a PA-RISC 2.0 system. HP-UX 11.0 or 11.11 (11i v1) is required.

HP-UX patches required for Java™

Pro/INTRALINK 3.4 client for HP-UX uses Java RTE 1.4.2 (1.4.2.00). This recommendation on required patches is based on recommendations from [HP website](#) Always check [HP website](#) for the latest patch information for Java 1.4, as the page is updated frequently.

To determine which patches have been installed on your machine, login as root and check your machine with:

```
/usr/sbin/swlist -l product
```

In the matrix below, locate your HP-UX version, and installed Quality Pack. If you have earlier Quality Packs installed, we recommend that you first install the most recent QPK1100 or GOLDBASE11i from [Software Depot](http://www.software.hp.com/SUPPORT_PLUS/qpk.html) at http://www.software.hp.com/SUPPORT_PLUS/qpk.html. (Each successive quality pack includes patches from earlier Quality Packs.) This reduces the number of individual Java patches you need to install. Then select the link for your level of Quality Pack in the matrix below, and you will be shown only the additional patches that are needed for Java 1.4.2. "None" means no patches need to be installed. If you have no quality pack installed, use the last entry "Base <os-version>".

| Quality Packs for Java 1.4 | |
|----------------------------|--|
| HP-UX 11.00 | QPK1100 March '03 QPK1100 Sept '02 QPK1100 March '02 QPK1100 Sept '01 Base 11.00 |
| HP-UX 11.11 | GOLDBASE11i June '03 GOLDBASE11i Dec '02 GOLDBASE11i June '02 GOLDBASE11i Dec '01 GOLDBASE11i June '01 Base 11.11 |

Generated on Sun Dec 28 19:44:43 2003 by HP
Copied from HP web site on 1/29/04.

In addition to the required patches listed on [HP web site](#) at for Java 1.4, for Java 1.4.2 release you must install the pthreads patch shown below.

HP-UX 11.0 PA-RISC Required patch **PHCO_29959**

or

HP-UX 11.11 (11i v1) PA-RISC Required patch **PHCO_29960**

To download patches, go to the Patch Database at the IT Resource Center website for either the [Americas and Asia Pacific](#) or [Europe](#). The IT Resource Center has a new tool, which makes it easier to create your own bundle of patches.

Follow these steps:

1. Select the link "Individual Patches" under Maintenance/Support.
2. On the Main Patch Menu page, enter the patch name in the input field to retrieve a single patch. It is not case sensitive; entering PHSS_17534 is the same as entering phss_17534. This process redirects you to a new patch if a patch has been superseded.
3. Select the patch you want, and click "Add to Selected Patches List." The Selected Patch List displays not only the patch you selected, but also additional patches required by your selected patch. Be sure to install any additional patches required for the patch you selected.
4. When you have added all the patches you require to the Selected Patches list, select the "Download Selected" button.

Solaris™ Patches for Java 2 SDK, Standard Edition, v. 1.4.2 (1.4.2_03)

System Requirements for Sun OS

The Java 2 SDK, Standard Edition, v. 1.4.2 (J2SDK 1.4.2_03) is intended for use on Solaris 8, and Solaris 9 Operating Environments.

Solaris™ patches required for Java™

Pro/INTRALINK 3.4 client for Solaris uses Java RTE 1.4.2 (j2rte 1.4.2_03). This list of recommended patches is based on recommendations from [Sun website](#). Always check [Sun website](#) for the latest patch information for Java 1.4.2, as the page is updated frequently.

See also [Solaris Font Package Requirements](#) for information about which font packages should be on your system.

Patches for Solaris 8:

The following patches are for the SDK software on the Solaris 8 operating environment.

| Solaris-SPARC Patch # | Nature of Patch |
|---------------------------------------|--|
| 108652-77 or later | X11 6.4.1: Xsun patch |
| 108921-19 or later | CDE 1.4: dtwm patch |
| 108940-57 or later | Motif 1.2.7 and 2.1.1: Runtime library patch for Solaris 8 |
| 112003-03 or later | SunOS 5.8: Unable to load fontset in 64-bit Solaris 8 iso-1 or iso-15 |
| 108773-18 or later | SunOS 5.8: IIIM and X Input & Output Method patch |
| 111310-01 or later | SunOS 5.8: /usr/lib/libdhcpagent.so.1 patch |
| 112472-01 or later | SunOS 5.8: Font2DTest2 abort when Lucida Sans Thai Typewriter selected |
| 109147-27 or later | SunOS 5.8: linker patch |
| 111308-04 or later | SunOS 5.8: /usr/lib/libmtmalloc.so.1 patch |
| 112438-02 or later | SunOS 5.8: /kernel/drv/random patch |
| 108434-14 or later | SunOS 5.8: 32-Bit Shared library patch for C++ |
| 108435-14 or later | SunOS 5.8: 64-Bit Shared library patch for C++ |
| 111111-03 or later | SunOS 5.8: /usr/bin/nawk patch |
| 112396-02 or later | SunOS 5.8: /usr/bin/fgrep patch |
| 116602-01 or later | SunOS 5.8: /sbin/uadmin and /sbin/hostconfig patch |
| 111317-05 or later | SunOS 5.8: /sbin/init and /usr/sbin/init patch |
| 110386-03 or later | SunOS 5.8: RBAC Feature Patch |
| 111023-03 or later | SunOS 5.8: /kernel/fs/mntfs and /kernel/fs/sparcv9/mntfs patch |
| 115827-01 or later | SunOS 5.8: /sbin/sulogin and /sbin/netstrategy patch |
| 113648-03 or later | SunOS 5.8: /usr/sbin/mount patch |
| 108987-13 or later | SunOS 5.8: Patch for patchadd and patchrm |

| | |
|---------------------------------------|--|
| 108528-27 or later | SunOS 5.8: kernel update patch |
| 108989-02 or later | SunOS 5.8: /usr/kernel/sys/acctctl and /usr/kernel/sys/exacctsys patch |
| 108993-31 or later | SunOS 5.8: LDAP2 client, libc, libthread and libnsl libraries patch |
| 109326-12 or later | SunOS 5.8: libresolv.so.2 and in.named patch |
| 110615-10 or later | SunOS 5.8: sendmail patch |

Patches for Solaris 9:

The following patches are for the SDK software on the Solaris 8 operating environment.

| Solaris-SPARC Patch # | Nature of Patch |
|---------------------------------------|---------------------------|
| 113096-03 or later | X11 6.6.1: OWconfig patch |
| 112785-30 or later | X11 6.6.1: Xsun patch |

Microsoft Windows Patches for Java (JRE 1.4.2_03)

System Requirements for Microsoft Windows Operating systems:

| Platform | Version | Desktop Managers |
|--|---|----------------------------------|
| IA32 Windows System Requirements 32-bit: J2RE | Windows XP Professional (SP1) | Windows Active & Classic Desktop |
| | Windows XP Home | Windows Active & Classic Desktop |
| | Windows 2000 Professional (SP3) | Windows Active & Classic Desktop |
| | Windows 98 (1st & 2nd Editions) | Windows Active & Classic Desktop |
| | Windows NT 4.0 (SP6a) | Windows Active & Classic Desktop |
| | Windows ME | Windows Active & Classic Desktop |
| | Windows Server 2003, Enterprise Edition | Windows Active & Classic Desktop |

Supported Browsers

Netscape 4.7.x, 6.2.2, 7
Mozilla 1.2.1, 1.3
Internet Explorer 5.5 (SP2+), 6.x

Oracle Requirements for UNIX platforms (for Data Server only)

| OS | Required Patches | Web Sites to Download the Patches From |
|----------------------|---|--|
| AIX 5.2 | <p>AIX 5L release 5.2 ML01+APAR IY44479</p> <p>Additional Required OS packages:</p> <ul style="list-style-type: none"> • bos.adt.base • bos.adt.libm • bos.perf.perfstat • bos.perf.libperfstat | <p>http://techsupport.services.ibm.com/server/fixes</p> |
| HP-UX 11.0 (64-bit) | <p>QPK1100 March '03, PHCO_23792, PHCO_24148, PHKL_24268, PHKL_24729, PHKL_25475, PHKL_25525, PHNE_24715, PHSS_23670, PHSS_24301, PHSS_24303, PHSS_24627, PHSS_22868</p> | <p>For patch bundles:</p> <p>http://www.software.hp.com/SUPPORT_PLUS</p> <p>For individual patches:</p> <p>http://itresourcecenter.hp.com</p> |
| HP-UX 11i (11.11) | <p>GOLDBASE11i June '03 PHKL_25506, PHSS_26263, PHSS_24638, JDK 1.3.1.02</p> | <p>For patch bundles:</p> <p>http://www.software.hp.com/SUPPORT_PLUS</p> <p>For individual patches:</p> <p>http://itresourcecenter.hp.com</p> |
| Solaris 2.8 (64-bit) | Update 5 (07/01) | <p>http://sunsolve.sun.com</p> |