

Tru64 UNIX and HP-UX PeopleSoft application availability



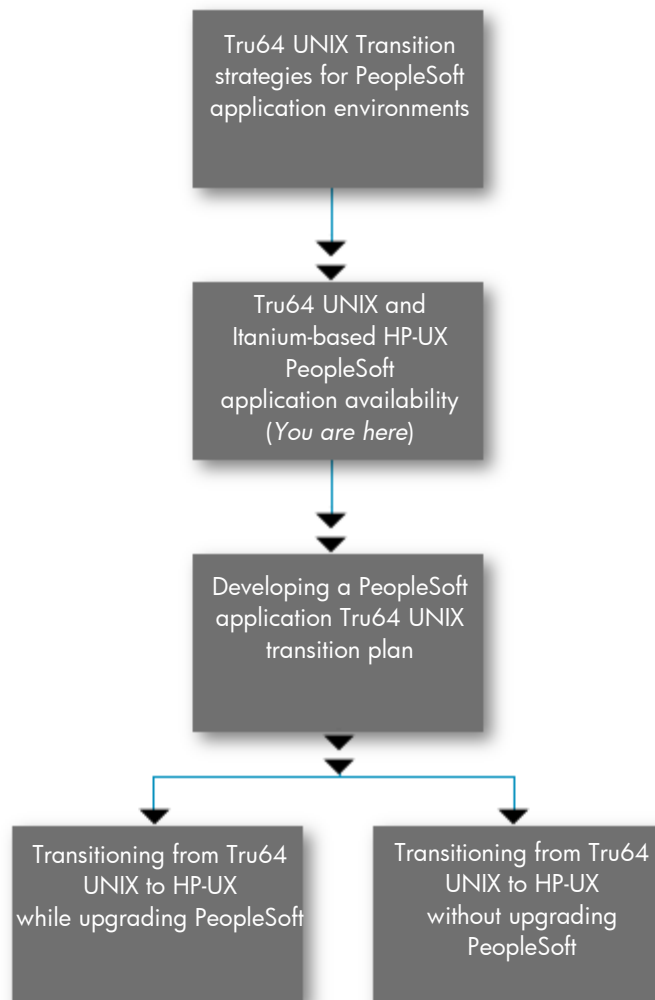
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About this document

This document is one in a series of documents that can assist you in planning and implementing your Tru64 UNIX® PeopleSoft application transition. Its purpose is to supply you with information about PeopleSoft application availability on Tru64 UNIX and Itanium®-based HP-UX. Having this information before you start planning your Tru64 UNIX transition process is essential.

You should review the companion document, *Tru64 UNIX transition strategies for PeopleSoft application environments*, before reading this document.

Figure 1. Transition strategy documents



Introduction

HP's recommended Tru64 transition plan involves replacing the Tru64 UNIX alpha processors with HP-UX Itanium-based processors. HP has partnered with PeopleSoft to ensure that the latest versions of the PeopleSoft applications supported on AlphaServers are ported to the Itanium processor family. The objective is to provide a smooth transition from Tru64 UNIX to HP-UX on Itanium, without requiring an interim migration to HP-UX on PA-RISC.

Deciding when to transition your PeopleSoft application is dependent on a number of factors. Important issues may include:

- PeopleSoft application upgrades
- Implementation of additional PeopleSoft modules
- A need to increase the number of PeopleSoft users
- A need to increase the size of PeopleSoft application database
- End-of-life or support for your PeopleSoft application or operating system
- Computer hardware consolidation that implements the latest processor technology (such as the Itanium processor), resulting in increased performance
- Lower cost through standardization

Your company might elect to start the transition process immediately or wait until later. HP is committed to ensuring that your Tru64 UNIX PeopleSoft application transition evolves as smoothly as possible. To ensure the best results, HP recommends that you familiarize yourself with the current plans for Tru64 UNIX and Itanium-based HP-UX PeopleSoft application availability, start planning your Tru64 UNIX transition, and implement the transition when appropriate.

To assist you in planning your transition, this document provides you with the current HP and PeopleSoft plans for Tru64 UNIX and Itanium-based HP-UX availability.

HP expects to have Itanium fully certified with PeopleSoft in second quarter 2004. For current certification status, please consult the PeopleSoft Supported Platforms database on PeopleSoft Customer Connection or call your local HP/PeopleSoft Alliance representative. If you do not know who your local Alliance representative is, you can find this information under *Contacts* at:

www.peoplesoft-hp.com

Availability

The availability of Tru64 UNIX, Itanium-based HP-UX, and PeopleSoft applications should play a major role in your decision of when to start the transition. The HP support roadmaps for these products are described below. Furthermore, HP will introduce the expected support lifecycle for these products in a PeopleSoft environment. Since current porting schedules are a work-in-progress, the dates and versions are based on the best approximation of availability at the time this document was written. For the most up-to-date information, contact your Alliance representative or refer to the Alliance website at:

www.peoplesoft-hp.com

Tru64 UNIX

New features are still being introduced and standard support will be available until 2011. For information regarding the Tru64 UNIX roadmap, go to:

<http://www.hp.com/go/alpha-retaintrust/>

Itanium-based HP-UX

HP-UX 11i v2 is now supported on the Itanium processor family. Future versions will support both PA-RISC and Itanium-based system architectures and incorporate Tru64 UNIX features like TruCluster Server and the Advanced File System.

PeopleSoft

PeopleSoft plans to continue the support for both the Tru64 UNIX and HP-UX (PA-RISC) operating systems in its PeopleTools 7.6x, 8.1x, and 8.4x versions.

The PeopleSoft support period for most major and minor PeopleSoft application releases is four years from the general availability (GA) date. The GA date for PeopleSoft applications can be found on the PeopleSoft Customer Connection website at:

<http://www.peoplesoft.com>

Navigate to:

Customer Connection->Support->Roadmaps+Schedules->Release Definitions

Most PeopleSoft 7.x application regular support periods ended in 2003, while others are soon to follow. The *retirement roadmaps* for PeopleSoft products can be found on the PeopleSoft Customer Connection website. Navigate to:

Customer Connection->Support->Roadmaps+Schedules->Retirement Roadmap

PeopleSoft support period definition and application deviations can be found on the PeopleSoft Customer Connection website. Navigate to:

Customer Connection->Support->PeopleSoft Support Policy

In addition, PeopleSoft plans to begin supporting HP-UX (Itanium-based systems) with PeopleTools 8.44. Itanium-based HP-UX PeopleSoft Database server support will start with PeopleTools 8.42 and HP-UX 11i v1.6. Full support for Itanium-based HP-UX is forecasted to become available in the next major releases of PeopleSoft.

Specific to HP-UX on Itanium, PeopleSoft currently supports the database platforms listed in the following table.

Table 1. Database platforms and PeopleTools versions

Database platform	PeopleTools version
HP-UX v1.6	8.42 and 8.43
HP-UX v2	8.44

Application and web tier porting is currently underway and is expected early in 2004. If you are considering implementing Itanium-based HP-UX PeopleSoft Web, Application, Batch, and Database servers, you should plan your upgrade to the latest version of PeopleSoft.

Since PeopleSoft certifies platforms based on PeopleTools releases, it is essential to align your application upgrade with the appropriate tool set. PeopleSoft applications initially support PeopleTools versions when they become generally available, and all minor releases to PeopleTools versions are usually supported, unless specified in the supplemental instructions of the PeopleSoft application. Verify the availability of your application with the latest PeopleTools version as you plan your transition.

Initially, Oracle® 9.2.0.2 will be the only database version supported by Itanium-based HP-UX for PeopleTools 8.42 and 8.43. This is followed by Oracle 9.2.0.4 for PeopleTools 8.44. Other database versions will be certified as they become available. Information about additional vendor databases that will be supported on Itanium-based HP-UX can be found on the PeopleSoft Customer Connection website.

Navigate to:

Customer Connection->Implement, Optimize + Upgrade->Implementation Guide->Supported Platforms->DBMS

You can also implement an Itanium-based HP-UX PeopleSoft Database server using PeopleTools 8.42, 8.43, or 8.44 while also using Tru64 UNIX or HP-UX (PA-RISC) PeopleSoft Web, Batch, and Application servers. Note that currently in such cases, the RDBMS can only be Oracle 9.2.

Since PeopleSoft plans might change, you should check the PeopleSoft Customer Connection website for the latest information on PeopleSoft platform certification for Tru64 UNIX and Itanium-based HP-UX. Navigate to:

Customer Connection -> Implement, Optimize + Upgrade -> Implementation Guide -> Support Platforms

The following figure shows the PeopleTools version that is supported on each HP operating system.

Figure 2. PeopleTools support matrix

		PeopleTools Version			
		7.0x	7.5x/7.6x	8.1x	8.4x
Operating System	Tru64 UNIX	X	X	X	X
	HP-UX (PA-RISC)	X	X	X	X
	HP-UX (Itanium-based)				X+

X+ Initially, only supported for database tier. Full support planned for 2004.

Tru64 PeopleSoft application transition

HP is committed to developing the industry's best enterprise UNIX product for Itanium-based systems. HP's HP-UX operating system will support Itanium-based processors and deliver high performance, scalability, and reliability within an industry standard computing environment. The Itanium Explicitly Parallel Instruction Computing (EPIC) processors offer greater instruction-level parallelism than RISC and CISC-based processors, including advanced features such as predication, speculation, and explicit parallelism. This new processor architecture has already achieved better price performance and record-breaking performance results.

The best features of Tru64 UNIX are being incorporated into HP-UX. This includes TruCluster Server and the Advanced File System. Tru64 UNIX was the first operating system that PeopleSoft implemented as a 64-bit application, and it has been supported and marketed for more than two years. PeopleSoft applications using Itanium-based HP-UX will also be implemented as 64-bit applications.

Transition to HP-UX

The HP and PeopleSoft Alliance dates back to the founding days of PeopleSoft. Today, HP is very active with PeopleSoft in all aspects from marketing to co-development. PeopleSoft's largest install base is on HP-UX, and this includes some of the largest joint implementations of PeopleSoft in the world. HP-UX experience with PeopleSoft is not only pervasive in the field, but a cornerstone of our mutual dedication to each other's products. HP-UX is used in numerous PeopleSoft application optimization and tuning projects and HP engineers are dedicated on-site at PeopleSoft to assist with development and performance tuning. In addition, HP dedicates a global team of engineers who focus on testing, tuning, and developing proof-of-concept projects to highlight the enormous potential of HP and PeopleSoft.

Replacing your Tru64 UNIX PeopleSoft servers with Itanium-based HP-UX PeopleSoft servers is the best course of action. HP has knowledge in both Tru64 UNIX and HP-UX, and can assist you in the transition. HP also has numerous PeopleSoft documents on the HP PeopleSoft website:

<http://www.peoplesoft-hp.com>

You can find general Tru64 UNIX to HP-UX transition documents on the HP website:

<http://www.hp.com>

The HP consulting services can also assist you in the transition by offering you services such as database migration, network and system infrastructure support, system integration, and high availability options. HP Managed Services can also help to mitigate the risk during your transition. HP's on-site engineers at PeopleSoft are always willing to help PeopleSoft Global Support solve your PeopleSoft issues promptly.

Recommendations

HP recommends that you transition to the new Itanium-based HP-UX operating system when there is an event in your business environment that triggers a transition. This event might be based on support issues with an older version of PeopleSoft, or you might be looking at gaining a competitive edge through implementing new functionality only available in a newer PeopleSoft version. It might also be a gradual process that involves implementing a mixed Tru64 and Itanium-based HP-UX PeopleSoft server environment. In any event, HP can help you to design a transition strategy that will take advantage of your current environment, while accelerating the return-on-investment you will receive with your new PeopleSoft solutions.

Support for Tru64 on PeopleSoft will continue for some time. Therefore, if you are happy with the current version of your PeopleSoft application and have no plans to perform a PeopleSoft upgrade to 8.4x in the immediate future, HP recommends that you continue with Tru64 UNIX. If more capacity is required, HP has several purchasing and lease programs available for AlphaServers.

The above recommendations can be influenced by whether you are using PeopleSoft client/server or the PeopleSoft Internet Architecture (PIA), along with Alpha processor speeds and chipsets. The specific recommendations that follow depend on what PeopleTools version is supported by your PeopleSoft application.

PeopleTools 7.0x and below

PeopleSoft 7.0.x applications have already reached the end of their major and minor release support periods. The computers used in supporting PeopleSoft 7.0.x environments are probably over five years old (probably EV4 or EV5 alpha chipsets) and lack the processing power of today's computers. HP recommends that you update your PeopleSoft application to the PIA, using the latest version of your PeopleSoft application, and replace all Tru64 UNIX systems with HP-UX Itanium-based systems as soon as your application is available.

PeopleTools 7.5 and 7.6

Most PeopleSoft 7.5x/7.6x applications have already reached the end of their major and minor release support periods, and others are soon to follow. PeopleSoft is offering supplement support (for an additional fee) that will extend its support period for another year (until 2004) for some PeopleSoft 7.5x/7.6x applications.

HP recommends that you update your PeopleSoft application to the PIA using the latest version of your PeopleSoft application, and replace all or most Tru64 UNIX systems with HP-UX Itanium-based systems. You might consider implementing a mixed Tru64 UNIX and Itanium-based HP-UX environment, depending on the speed and chipset of your current Alpha processor.

Updating to PIA will require a new server (Web server) and additional processing power for the PeopleSoft Application server. You should request a new PeopleSoft [application sizing](#) from your HP sales representative.

If you elect to stay on the current version of your application but need more capacity, HP recommends that you purchase or lease Tru64 UNIX systems, since there are no plans to support PeopleTools 7.x on Itanium-based HP-UX. You should check the PeopleSoft support period of your application since most PeopleSoft 7.x applications have already reached the end of their major and minor release support periods.

PeopleTools 8.1x

HP recommends that you update your PeopleSoft application to the latest version that supports PeopleTools 8.4x and purchase new Itanium-based HP-UX servers. If you elect to stay with the current PeopleSoft application version that does not support PeopleTools 8.4x and need additional hardware resources, HP recommends that you purchase or lease Tru64 UNIX systems, and then transition when you decide to upgrade your PeopleSoft application. You may want to review the [retirement roadmap](#) for your current PeopleSoft application.

PeopleTools 8.4x

HP recommends that you purchase new Itanium-based HP-UX servers for your PeopleSoft applications once the supported PeopleTools version is available. Development in a mixed environment might be beneficial while waiting for the final certification. You should also implement your PeopleSoft application, either in a pure Itanium-based HP-UX server environment or in a mixed Tru64 UNIX and Itanium-based HP-UX environment, using Tru64 UNIX servers as the PeopleSoft Database server component.

PeopleSoft application sizing

Consider contacting your HP sales representative and requesting a PeopleSoft application sizing if you are expanding your PeopleSoft application. Your HP sales representative can help you size your PeopleSoft application for either a pure Itanium-based HP-UX server environment or a mixed Tru64 UNIX and Itanium-based HP-UX environment while using your existing Tru64 UNIX servers.

To help you determine the appropriate architecture, use the online sizing tools and information available on the PeopleSoft/HP Global Alliance website:

<http://www.peoplesoft-hp.com>

You can also contact a sizing engineer (+1 408-447-4377) to assist with this effort. You can download a sizing questionnaire from the PeopleSoft/HP Global Alliance website and send it to the sizing engineer. References to benchmarks, datasheets, presentations, success stories, white papers, and frequently asked questions are also provided here.

As always, you are encouraged to work with your local HP team to help with any concerns you might have as you develop your transition strategy. In addition, feel free to contact the PeopleSoft Alliance team in your region at one of the addresses in the following table.

Table 2. PeopleSoft Alliance team email addresses

Region	Email address
North America	northamerica_peoplesoft@hp.com
Latin America (Spanish)	latinamer-span_peoplesoft@hp.com
Latin America (Portuguese)	latinamer-port_peoplesoft@hp.com
Europe, Middle East and Africa	emea_peoplesoft@hp.com
Australia/New Zealand	australia-nz_peoplesoft@hp.com
Japan	japan_peoplesoft@hp.com
Asia	asiapac_peoplesoft@hp.com

Be sure to specify that you are requesting assistance with a PeopleSoft implementation and an engineer will be assigned to you.

Conclusion

HP believes that the Itanium architecture-based servers will become the enterprise platform choice in the near future. HP plans to replace the current Tru64 UNIX Alpha platform with the HP-UX Itanium-based platform. HP has partnered with PeopleSoft to make sure that:

- The latest versions of the PeopleSoft Application are available on this architecture
- Tru64 UNIX support continues for the PeopleTools 7.6x, 8.1x, and 8.4 versions

You should transition to Itanium-based HP-UX as soon as it makes business sense to do so. The Tru64 UNIX PeopleSoft application transition might begin when your business requires additional hardware resources. Consider transitioning to Itanium-based HP-UX by updating your PeopleSoft application to the latest version supported by PeopleTools 8.4x, or stay with Tru64 UNIX by either purchasing or leasing an AlphaServer. Plan this transition as either a gradual process by implementing a mixture of Tru64 UNIX and Itanium-based HP-UX environments, or by implementing a pure Itanium-based HP-UX environment. Whatever you decide, HP is committed to ensuring your Tru64 PeopleSoft application transition is performed smoothly.

The next document in this series of transition documents, *Developing a PeopleSoft application Tru64 UNIX transition plan*, is designed to help you visualize the different transition paths and options. This document will assist you in planning and designing your Tru64 UNIX transition for PeopleSoft applications.

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