

Transition and Migration: Choosing the Best Tools and Services

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Overview

- First Steps & Options
- Zero in on Migration
 - Migration Example
- Platinum Tools & Partners
- Wrap Up

First Steps

- Understand your HP e3000 Environment
- Contact Application Providers
- Connect with HP

www.hp.com/go/e3000

The Five Options

- Replace it (Get a New Application)
- Rewrite it (Start Over)
- Move it (Migrate the Application)
- Retire it (Drop the Application)
- Leave it (Homestead)

Replace It

- Understand your current application provider offerings
- Contact others in your industry
- Search the web and publications
- Work with a consultant
- Remember data migration and retention

Rewrite It

- Nothing off the shelf is available
- Porting current application would not address business needs
- Large in house development from scratch are happening less often
- Usually involves new technologies
- Usually requires outside help

Migrate It

- Migration Components
- Migration Continuum
- Migration Example
- HP Migration Aids

Migration Components

- Compiler
- UI VPlus
- ImageSQL
- Allbase
- KSAM
- Intrinsic
- File System
- Batch
- JCL, CI
- Account Structure
- Networking
- 4GLs
- Data Migration
- 3rd Party products

Migration Continuum

	Emulate	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	ReEngineer
Cobol	Cobol	Cobol	Cobol	Cobol	Cobol	Cobol	C++,Java,VB
VPlus	VPlus Replacement	VPlus Replacement	VPlus Replacement	VPlus Replacement	VPlus Replacement	VPlus Replacement	VB, Java, XML
Intrinsics	Intrinsics Replacement	Intrinsics Replacement	Intrinsics Replacement	Intrinsics Replacement	System Function Calls	System Function Calls	System Function Calls
JCL/CI	MPE Simulation	MPE Simulation	MPE Simulation	Shell/Perl Scripts	Shell/Perl Scripts	Shell/Perl Scripts	Shell/Perl Scripts
File System	MPE Simulation	MPE Simulation	Native File access	Native File access	Native File access	Native File access	Native File access
Image	Eloquence	Image API to RDB	Image API to RDB	Image API to RDB	Image API to RDB	Native RDB	Native RDB

Migration Example

- COBOL
- ImageSQL
- VPlus

COBOL

Compilers

- Acucorp's AcuCobol
- Legacyj's PerCobol
- MicroFocus Cobol

Translators

- Denkart
- ORBiT Cobol2c
- Others...

Scrubbing the Code

Component

- HP COBOL/iX specifics
- File System
- Intrinsic
- Externals
- Image & VPlus

Tool Providers

- AD Technologies
- Neartek
- Sungard/Bi-Tech
- Denkart
- Transoft

ImageSQL

3 Models

- Eloquence
- Native SQL
- Wrapper Technologies

Wrapper Providers

- Neartek
- Sungard/Bi-Tech
- iMaxSoft
- Disc
- Denkart
- Transoft

VPlus

Terminal

- ScreenJet
- LegacyJ
- Bi-Tech
- Denkart
- Acucorp

Client / Server

- Robust Systems
- Transoft
- Acucorp
- Denkart
- eXegeSys

And The Rest

- Batch
- CI / JCL
- Networking
- Intrinsic
- Account Management
- Data Migration
- Training
- Testing
- 3rd party products
- Etc...

HP Migration Aids

- **Command xref**

<http://invent9k.external.hp.com/~csy/cmds.cgi>

- **Intrinsics xref**

<http://invent9k.external.hp.com/~csy/intr.cgi>

- **System Inventory Utility**

<http://jazz.external.hp.com/src/scripts/siu/>

HP Migration Aids

- **HP e3000 Transition Partners**

<http://www.hp.com/products1/mpeixservers/partners/index.html>

- **HP e3000 Transition Webcasts**

http://www.Hp.Com/products1/mpeixservers/news_events/webcast_schedule.Html

- **HP Transition Services**

http://www.hp.com/products1/mpeixservers/future/transition_services.html

Do It Yourself?

- Expertise on the target environment
- Available time
- Enough resources
- Simple application environment
- Outsourcing current application support

Considerations

Tools	<ul style="list-style-type: none"> •Ok IT Staff •Leveraged Environment •Possible Ongoing Tools Fees •Med \$ 	<ul style="list-style-type: none"> •Limited IT Staff •Repeatable Environment •Possible Ongoing Tools Fees •Med-High \$ •Limited Time
	<ul style="list-style-type: none"> •Trained IT Staff •Available Time •Simple Environment •Low \$ 	<ul style="list-style-type: none"> •Limited IT Staff •Unique Environment •No Ongoing Tools Fees •High \$ •Limited Time
Do it Yourself	Consultants	

Platinum Tools

- Denkart
- DISC
- Neartek
- Sungard/Bi-Tech
- Transoft
- Taurus/Quest

Denkart

hp e3000 platinum tool

The screenshot shows the Ordina Denkart website. At the top, there is a navigation bar with 'Home' and 'ORDINA DENKART' followed by 'ORDINA DENKART SOLUTIONS'. The main heading is 'ViaNova'. Below this, there is a 'Solutions' sidebar with a vertical list of options: AsToC, ViaNova, Re-what?, Overview, ViaNova Wang, ViaNova BNC, ViaNova 3000 (highlighted with a red arrow), ViaNova UNISYS, and ViaNova XDMS. The main content area features the 'ViaNova 3000' product description, which states: 'Leave the platform but take your applications with you.' It explains that if you decide to leave the HP-3000 platform, there is no need to throw away your trusted applications. It also describes the 'ViaNova 3000' as Ordina Denkart's HP3000 migration solution that transfers entire customer-developed environments from HP-3000 to Open Systems like HP-UX or Linux. The page also mentions that the product is available in two editions: 'ViaNova 3000 Standard' and 'ViaNova 3000 Flex'. The 're•Source' logo is visible at the bottom left of the page.

ViaNova 3000 Standard

- Provides for the transfer of applications to another platform

ViaNova 3000 Flex

- For environments that have special target requirements, need re-engineering or demand a customized set-up and execution

- www.denkart.com

DISC

hp e3000 platinum tool

- OMNIDEX on desired database and hardware platform
- Network Services to facilitate data migration across platforms
- OmniAccess cross-platform database and operating system API
- MPE Library that converts key TurboImage, MPE File System, and MPE Operating System calls to the OmniAccess cross-platform library
- TurboImage-to-SQL DDL (Data Definition Language) program that generates DB2, Oracle or SQL Server-specific DDL from an existing TurboImage database
- JDBC and ODBC, API, and drivers for standards-based application development of converted applications
- www.disc.com

DISC Database Marketing The Home of **OMNIDEX**

Dynamic Information Systems Corporation

Search Site Map Contact Us Home Remarkable Data Agility

DISC Offers HP e3000 Migration Software and Services

Press Release - November 14, 2001, Boulder, CO

Dynamic Information Systems Corporation (DISC), a leading developer of data access solutions, announced today the availability of software and services to facilitate the migration of HP e3000 customers to other computing platforms.

DISC has been a long-time member of the e3000 community and is well recognized for its leading edge database enhancement product, OMNIDEX. OMNIDEX has been deployed on thousands of e3000's to enhance Image/SQL with powerful search capabilities.

In 1993, HP teamed closely with DISC to engineer a seamless integration between Image/SQL and OMNIDEX; this jointly developed capability is referred to as TPI.

In the early 90's, DISC realized that the data access limitations of Image/SQL were also common on popular relational databases such as Oracle and DB2. With this

For more information, contact:

Terry O'Brien
Executive Vice President
(303) 444-4000
to'Brien@disc.com

Dynamic Information Systems Corporation
5733 Central Ave.
Boulder, CO 80301

What is OMNIDEX?
Why is it so incredibly fast?
Who can it help me?
Who uses OMNIDEX?
Can I see it in action?
How can I learn more?

Have a question or comment?
Send e-mail to info@disc.com

neartek

hp e3000 platinum tool



**Automatic Migration from HP 3000 to Unix,
Windows, or Linux**

Neartek's AMXW software migration tool is the most comprehensive solution on the market today for HP3000 systems whose applications and information must eventually be ported to new environments such as Unix, Windows, and Linux. Hewlett-Packard promotes AMXW to customers as a pathway having the best technical and financial features for prolonging application lifetime and safeguarding data investment.

Migrations are easy to set up with AMXW, whose tailorable translation parameters offer exceptional flexibility and adaptability for use with customized applications. The migration process covers all logical components including applications, databases, interfaces, files, and scripts. Once the parameters and platforms are set up, AMXW can attain a performance of 1 million translated lines per day.

- neartek's AMXW software migration tool
- moves data from image, ksam and flat files to other platforms
- runs hp e3000 jcl
- most hp e3000 intrinsics covered through a shared library
- hp cobol to microfocus cobol
- target platforms include unix, windows, and linux.
- <http://www.neartek.com/virtualstorage/software/amxw.htm>

Sungard/Bi-Tech

hp e3000 platinum tool

SUNGARD
BI-TECH INC.

Home

COBOL
IMAGE
VPLUS
KSAM
Intrinsics
JCL & CI
Utilities
Distributors

With the recent announcement by Hewlett Packard of the "end of life" of the HPe3000, there has been considerable interest in tools to assist customers to migrate to other platforms. SunGard Bi-Tech has a long history with just such a toolset, and this website was designed to give an overview of our product, TRANSPORT™, and links to our current distributors.

In 1988, [SunGard Bi-Tech](http://www.sungardbi-tech.com), realizing the growing UNIX marketplace, recognized the need for a product which would migrate COBOL applications developed on the HP3000 to the growing range of UNIX machines which were becoming available. The resultant product, TRANSPORT™, offers the **automated** translation of Native MPE-based systems to the UNIX equivalent (notably the HP9000 HP-UX, the RS/6000 AIX, and Sun Solaris) with an application environment that mimics MPE. Currently TRANSPORT™ supports Oracle 8 and Informix 7+ on the

- since 1988
- automated translation of native mpe-based systems to unix
- transport™ will currently convert and transfer cobol source code, copylibs, image schemas, image data and vplus forms files.
- emulates most mpe commands
- most mpe intrinsics have also been emulated.
- <http://sungardbi-tech.com>
- <http://transport.bi-tech.com>

Transoft

hp e3000 platinum tool

News | Products | Services | Customer Stories | Company Information | Partners | Technical Support | On-line Ordering

Transoft
e-revolutionary solutions

To receive 'headlines' - our email newsletter, please [click here](#)

[To obtain more information on Transoft, please click here.](#)

Where Do You Go After the HP 3000?

Anywhere You Want !

You didn't ask for it, but the HP 3000 is going away. If you're like most HP 3000 users, you're now trying to make a choice. Transoft has an alternative to starting over or even migrating. It's called Transoft Application Transformation.

With Transoft Application Transformation solutions you can do more than just solve your immediate migration problem. You can position your HP 3000 application as the platform for solving your immediate and future business problems.

Over the last fifteen years, hundreds of companies have improved their legacy applications with Transoft. That's because Transoft offered them a breadth of choices no one else could match and a proven track record no one could refute.

See for yourself what Transoft can do for your HP 3000 applications by joining an upcoming "Anywhere You Want" Webinar.

Available Dates:

- Thursday, March 7th at 12:30pm EST
- Thursday, March 21st at 12:30pm EST
- Thursday, April 11th at 12:30pm EST

- Provide an I/O mapping module that converts access to IMAGE data to Oracle and SQL Server
- Utility programs to unload IMAGE, KSAM, Allbase and HP flat files and transfer them to the target platform
- Utility that emulates VPLUS on UNIX and Windows platforms, in a dumb terminal or java based graphical environment
- Convert JCL to PERL scripts
- HP Intrinsic emulations in COBOL and C, allowing direct replacement of Intrinsic
- www.transoft.com

Taurus/Quest

hp e3000 platinum tool



What's
New

Products

Technical
Support

About
Us



Taurus Software

Taurus can support you
in your move to Open Systems

Taurus Software has supported the HP3000 since 1987 with software for leveraging HP3000 data to Open Systems. Turn your customers who use BridgeWare to move HP3000 data to other analysis and production RDBMSs.

- [Taurus Software has the Experience to Help IT Managers Migrate HP3000s to Open Systems](#)
- [Press Comment](#)

NEW Ecometry selects Quest/Taurus BridgeWare to enable applications designed for Ecometry's N-Tier architecture

Announcing the first Graphical Tool for Enterprise-Wide IMAGE Data Movement!

Bi-Directional IMAGE—RDBMS Data Replication.
Real Time. Real Easy.

- Since 1987
- Move IMAGE balances, statuses and open transactions in bulk to the new application
- Allow new application modules to read and write to still active IMAGE applications
- Move IMAGE history to a small relational system for statutory records retention
- IT managers can use internal staff that can be productive with BridgeWare within a day
- www.taurus.com
- www.quest.com

Platinum Partners

- Lund
- MB Foster
- Speedware
- MBS

lund

hp e3000 platinum partner

LUND
PERFORMANCE SOLUTIONS

WHAT YOU NEED TO KNOW

Welcome

"What you need to know. When you need to know it."

We recognize how important system performance is to your business, and we are responding with new ways to deliver it to you: real-time, multi-platform, and within your budget guidelines.

- full service migration partner
- access to all migration tools and services
- detailed assessment of your current system
- help you choose the best new platform
- detailed transition plan

mb foster

hp e3000 platinum partner

- full service migration partner
- access to all migration tools and services
- mbf-udalink for data access and delivery including batch reporting

Forging the Future

Company

Products

Migration

Services

Support

Library

Creating The **Tools Today ...**
For The **Needs Of Tomorrow.**

Focus On

④ [The Foster Report - Volume 2 Issue 1 \(March2002\)](#)

In this issue - JDBC driver has arrived, migration solutions and much more.

④ [MPE Migration Strategy](#)

Join us for an On-Line Seminar and find out how we can help!

Next Session: May 1st, 2002.

speedware

hp e3000 platinum partner



Speedware for Transact - A Complete Migration Solution

We have developed a complete migration solution package for Transact customers contemplating migrating off the HP e3000 platform.

Take advantage of our Free basic Transact application migration evaluation

- full service migration partner
- access to all migration tools and services
- complete migration solution package for Transact

Managed Business Solutions

hp e3000 platinum partner

The screenshot displays the MBS website with the following content:

- Header:** mbs logo with tagline "beyond the call...". Navigation links: About MBS, Solutions, MBS: IT application support and integration services, Contact Us, HOME.
- Main Text:** "Since 1993, MBS' nearly 200 employee-owners have delivered total IT application support and integration services for legacy and next generation enterprise systems. These services are designed to provide you an always-on application environment that reduces your overall support costs and allows you to focus on what is important - your core business."
- Search/Filter:** "Services on Demand" dropdown, "Technical Expertise" dropdown, "SEARCH:" input field with "Go!" button.
- Partnerships:** "HP e3000 & BEYOND" logo with link "Find out more about MBS' Migration Solutions"; "business partner" logo with link "MBS selected as HP Platinum Partner".
- Service Grid:**
 - 24 X 7 TECHNICAL HELP DESK:** "MBS is the first point of contact for enterprise application users who receive immediate resolution or initial troubleshooting assistance."
 - 24 X 7 SUPPORT SERVICES:** "MBS provides enterprise application users immediate support for complex business applications."
 - INTEGRATION ENGINEERING SERVICES:** "MBS analysts utilize their in-depth knowledge of core technologies to deliver superior customized application solutions and integration services."
- Footer:** "The MBS experience, commitment, and motivation allowed us to achieve our goals for the IT portion of the project." - Hewlett-Packard, Robbin Rogers, Business Practice Analyst. Address: 200 South College Ave. Fort Collins, CO 80524. Phone: 800.421.1016. Email: mbs@thinkmbs.com.

- Assessment service – MBS works closely with your team to evaluate your environment and provide recommendations.
- Migration services – MBS has services designed to effectively migrate Legacy HP 3000 to a new platform.
- 24 x 7 application support – MBS provides 24 x 7 support for virtually any application.

Wrap Up

- The Five Options
- What's involved in Migration
- Do it Yourself or with Partners
- There is help out there

Thank You

Questions?