

# Transition and Migration: Choosing the Best Tools and Services

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# Overview

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

# First Steps

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

[www.hp.com/go/e3000](http://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
- 3<sup>rd</sup> Party products



# Migration Continuum

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

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

# ImageSQL

## 3 Models

- Eloquence
- Native SQL
- Wrapper Technologies

## Wrapper Providers

- Ø Neartek
- Ø Sungard/Bi-Tech
- Ø iMaxSoft
- Ø Disc
- Ø Denkart
- Ø 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
- 3<sup>rd</sup> 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](http://www.Hp.Com/products1/mpeixservers/news_events/webcast_schedule.Html)

- **HP Transition Services**

[http://www.hp.com/products1/mpeixservers/future/transition\\_services.html](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

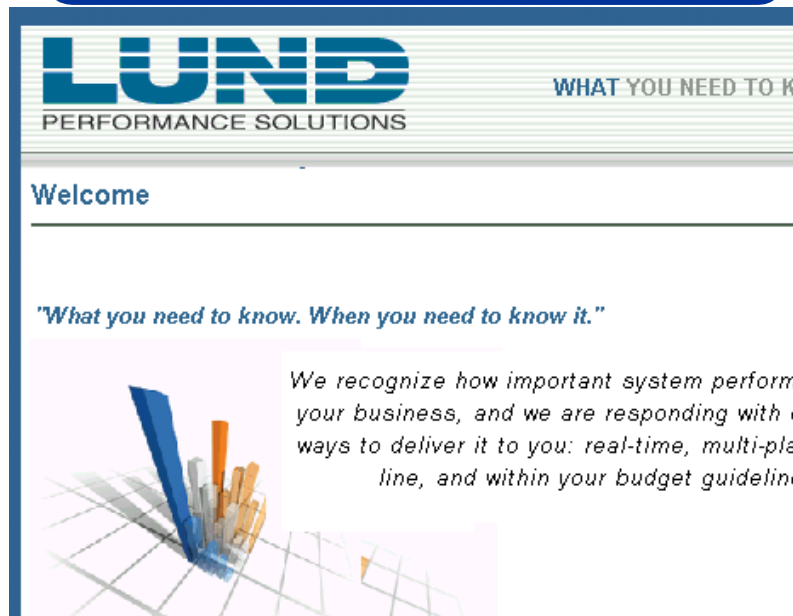
Tools	<ul style="list-style-type: none"> <li>•Ok IT Staff</li> <li>•Leveraged Environment</li> <li>•Possible Ongoing Tools Fees</li> <li>•Med \$</li> </ul>	<ul style="list-style-type: none"> <li>•Limited IT Staff</li> <li>•Repeatable Environment</li> <li>•Possible Ongoing Tools Fees</li> <li>•Med-High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

# 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 effective ways to deliver it to you: real-time, multi-platform, and within your budget guideline*

- 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 Content:** Text describing MBS services since 1993, designed to reduce support costs and focus on core business. Includes a search bar with "Services on Demand" and "Technical Expertise" dropdowns, and a "SEARCH:" field with a "Go!" button.
- Partnerships:** "HP e3000 & BEYOND" logo with a link "Find out more about MBS' Migration Solutions". "business partner" logo with the HP logo and a link "MBS selected as HP Platinum Partner".
- Footer:** Three service boxes:
  - 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.
- Bottom 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 Collee 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?