Transition and Migration: Choosing the Best Tools and Services

Bill Bennett & Kevin Cooper

Hewlett Packard

bill_bennett@hp.com   kevin_cooper@hp.com

HP WORLD 2002
Conference & Expo

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`

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
- Intrinsics
- 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
- Intrinsics
- 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	Client / Server
• ScreenJet	• Robust Systems
• LegacyJ	• Transoft
• Bi-Tech	• Acucorp
• Denkart	• Denkart
• Acucorp	• eXegeSys

And The Rest

- Batch
- CI / JCL
- Networking
- Intrinsics
- 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
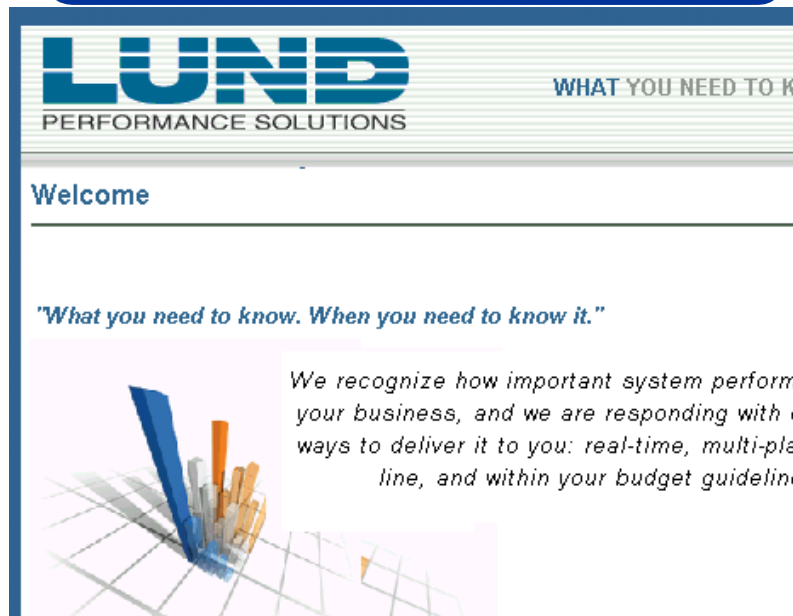
Tools	•Ok IT Staff •Leveraged Environment •Possible Ongoing Tools Fees •Med $	•Limited IT Staff •Repeatable Environment •Possible Ongoing Tools Fees •Med-High $ •Limited Time
	•Trained IT Staff •Available Time •Simple Environment •Low $	•Limited IT Staff •Unique Environment •No Ongoing Tools Fees •High $ •Limited Time
Do it Yourself		Consultants

Platinum Partners

- Lund
- MB Foster
- Speedware
- MBS

lund

hp e3000 platinum partner

- 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

Forging the Future

| Company | Products | Migration | Services | Support | Library |

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

Focus On

▶ The Foster Report - Volume 2 Issue 1 (March2002)
In this issue - JDBC driver has arrived, migration solutions and much more.

▶ MPE Migration Strategy
Join us for an On-Line Seminar and find out how we can help!
Next Session: May 1st, 2002.

- full service migration partner

- access to all migration tools and services

- mbf-udalink for data access and delivery including batch reporting

speedware

hp e3000 platinum partner

HP e3000 MIGRATION
Products & Solutions

Speedware for Transact - A Complete Migration Solution

We have developed a complete migration solution package for Transact custom 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

- 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?