

Re-Platforming: Running PeopleSoft Faster and Cheaper

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Agenda

- Who are we
- Before & After
- What did we do
- Why did we re-platform
- How did we re-platform
- What benefits did we realize
- Should you consider this
- Questions

About IHG

IHG is primarily engaged in managing hotels owned by other parties and in franchising its hotel brands. That is, it sells its expertise in hotel management, systems, and marketing, while leaving investment in real property, which is far more capital intensive, requires different skills, and has a different risk profile, primarily to its partners. As of 2007 it franchises over 3,200 hotels, manages over 510 and owns only 24. The owned hotels do however include many of the key properties of company's flagship InterContinental brand.

Inventory of Software & Hardware

Before

Database – IBM ZoS Mainframe
Application Server – AIX 5.3
Web Server Sun Solaris 9
NT Process Scheduler – xxxxx

PeopleSoft – 8.8 App, Tools 8.46
Database – DB2 7.0
Web Server – WebLogic 8.1
Application Server – Tuxedo 8.1

After







Database – AIX P550 Series
Application Server – AIX 5.3
Web Server – Sun Solaris 9
NT Process Scheduler – xxxxx

PeopleSoft – 8.8 App, 8.46 Tools
Database - Oracle 10g R2
Web Server – WebLogic 8.1
Application Server – Tuxedo 8.1

What did we do

- Migrated the PeopleSoft Application off the mainframe
- Convert the Database from DB2 8 to Oracle 10g
- Converted Database from Non-Unicode to Unicode
- Installed Multi-Language (All)
- Deployed Performance Monitor
- Moved Process Scheduler from Mainframe to UNIX

Why did we do this

- Migrated the PeopleSoft Application off the mainframe  Cost \$\$\$\$\$
- Convert the Database from DB2 to Oracle  Performance & Cost
- DB2 7 limitation  Multi-Language/Unicode
- Shared Mainframe w/Revenue Application  Performance, Data Conversion, Disk use
- Deployed Performance Monitor  New Technology, better visibility
- Move Process Scheduler off Mainframe  A more stable and consistent platform

How did we do this

- Data mover small table < 100000
- SQL Ways tables larger than 1000000 (Created dump and SQL loader scripts)
- Retro fit DB2 specific syntax to Oracle
- Unicode
- Installed Multi-Language (all languages)
- 10g Grid
- Deployed ASM for space management
- Transport (JCL to Shell, Interfaces, landing points)

Benefits

- Better Performance Online/Batch (30%)
- Database Refresh from a week to less than 1 day
- Cost/Maintenance
- Not shared
- Skills (Oracle vs. DB2)
- 5 Year savings
- Newer technology
- Future development of PS to take advantage of technology Oracle
- Future upgrades cheaper & Faster
- Disk is cheaper than Mainframe
- Close is faster
- Database Locking/contention
- Less Stress on close for users and the business

Questions?