Travelers
Exadata Implementation – PeopleSoft Success Story

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In 2010 the PeopleSoft HR & Financial management teams at Travelers recognized that:

...current challenges & future business needs were driving a need for new architectural changes and investments:

» Global growth initiatives (UK, Canada, etc.)
» Application feature growth (ePerformance, W2, etc.)
» Performance challenges (Batch, Reporting, etc.)

...and they realized that 2011 might be the opportune time for the two teams to move toward a common architecture

... partnered with Oracle to develop a solution.
Goals of the Exadata Re-platform Project

- Align with the strategic direction and lower risk
  - Hardware currency
  - Disaster Recovery standards
  - High Availability
  - Database software currency

- Improvements to database environment leads to:
  - Increased concurrent utilization
  - Potential for additional business capabilities
  - Significant performance improvement for on-line transactions
  - Faster batch run times resulting in less contention with on-line transactions (Intl)
  - Elimination of risks with concurrent operational reporting & online transaction processing in production

- Lower overall costs to Travelers
  - Example – less hardware required due to sharing with PeopleSoft Financials (PI, BI, OAI-sys)
Challenges – PeopleSoft Financials (FACTS)

The FACTS infrastructure had a constraint on opportunities to accelerate financial processes, improve financial reporting, and effectively support continued systems consolidation and overall business growth.

- Performance and timing issues impacting the UK migration including internal reporting practices
- Lengthy expense allocations process extending over two days of batch processing windows
- Difficulties with the separate financial reporting instance including data access, timeliness, total costs, risks, and “query fear”
- Complexity of managing data replications (reporting, disaster recovery)
- Adverse impacts on overall service levels and cycle times (monthly close)
- Constraints on future growth including acquisitions
- Downtime length/frequency of planned outages is impacting the business
- Shrinking windows of time to manage/maintain systems (including Canada, Ireland and UK variants)
PeopleSoft Financials (FACTS) Post Exadata
Overnight PeopleSoft Financials (FACTS) Batch Processing

Batch Timings
Improved 2 – 9 x
## LWD-1 through WD 3 Timings
(averages where appropriate)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Pre-Exadata *</th>
<th>Post-Exadata *</th>
<th>Gain (x faster)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expense Allocations</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>UK</td>
<td>3:37</td>
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<tr>
<td>US (R0-R5)</td>
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<td>3:30</td>
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<tr>
<td>US (R6/R7)</td>
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<td>2:33</td>
<td>2.3</td>
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<td>Multi-Currency</td>
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<td>3.0</td>
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<td>Outbounds Interface Files</td>
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<td>0:32</td>
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<tr>
<td>GL Reports</td>
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<td>1.9</td>
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<tr>
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<tr>
<td>AP Evening Batch</td>
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<tr>
<td>AM Evening Batch</td>
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<td>1.2</td>
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<tr>
<td>GL Evening Batch</td>
<td>7:25</td>
<td>3:21</td>
<td>2.2</td>
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<tr>
<td>Queries</td>
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<tr>
<td>Improved Performance &gt;4x</td>
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* Run Times represented in Hours:Minutes