



# Travelers Exadata Implementation – PeopleSoft Success Story

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# Background

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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

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**Strategic Alignment**

**Provide High Availability**

**Better Performance**

**Increased Scalability**

**Easier Manageability**

**Lower Risk**

**Lower overall costs**

- 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)

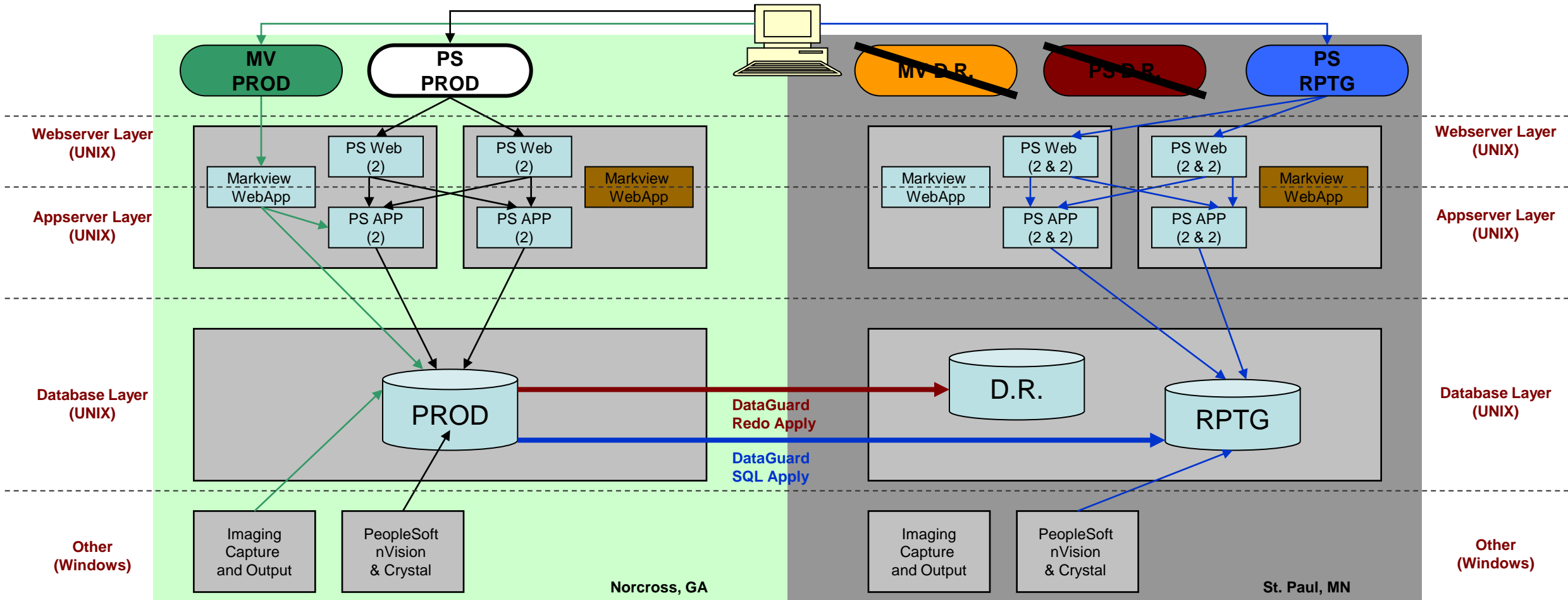
## Challenges – PeopleSoft Financials (FACTS)

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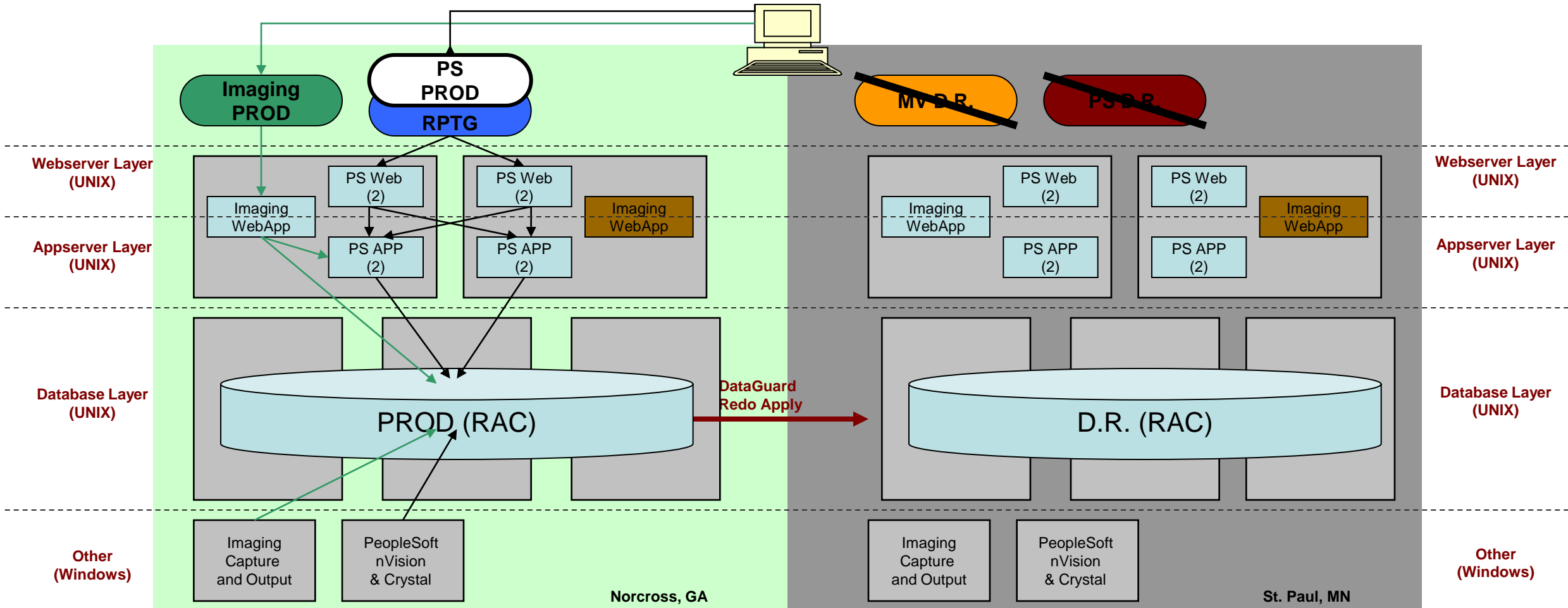
The FACTS infrastructure had a constraint on opportunities to accelerate financial processes, improve financial reporting, and effectively support continued systems consolidation and overall business growth.

- ✓ 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)

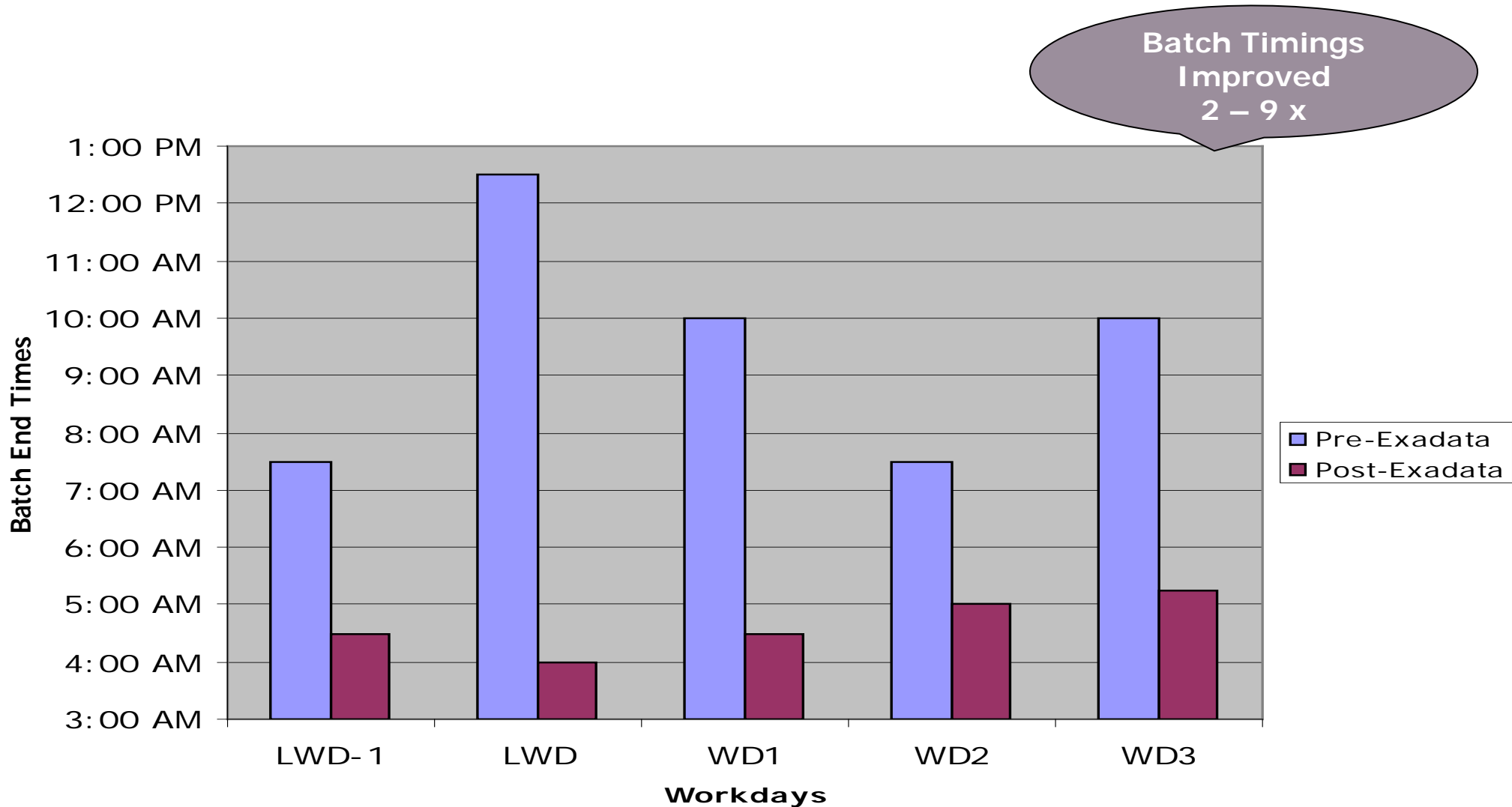
# PeopleSoft Financials (FACTS) Pre -Exadata



# PeopleSoft Financials (FACTS) Post Exadata



# Overnight PeopleSoft Financials (FACTS) Batch Processing



# PeopleSoft Financials (FACTS) Processing Improvements

## LWD-1 through WD 3 Timings

(averages where appropriate)

Activity	Pre-Exadata *	Post-Exadata *	Gain (x faster)
Expense Allocations			
UK	3:37	1:50	<b>2.0</b>
US (R0-R5)	<b>8:21</b>	<b>3:30</b>	<b>2.4</b>
US (R6/R7)	5:56	2:33	<b>2.3</b>
Multi-Currency	1:23	0:28	<b>3.0</b>
Outbounds Interface Files	1:19	0:32	<b>2.5</b>
GL Reports	4:18	2:17	<b>1.9</b>
Combo Edit	1:57	0:44	<b>2.7</b>
AP Evening Batch	2:54	1:15	<b>2.3</b>
AM Evening Batch	1:42	1:28	<b>1.2</b>
GL Evening Batch	7:25	3:21	<b>2.2</b>
Queries	<b>Improved Performance &gt;4x</b>		
* Run Times represented in Hours:Minutes			