

Deploying an EMPA HFM Application

Trican Well Services
Ranzal & Associates



RANZAL
An Edgewater Technology Company

Who is Trican?

- Trican Well Service is an oil and gas well servicing company based in Calgary, Alberta, Canada
- Trican provides innovative, engineered solutions to its customers involved in the exploration and development of oil and natural gas reserves
- Trican has operations in the US, Canada, Western Siberia, Kazakhstan and Algeria



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About Edgewater Technology

- **Award-Winning National Strategic Consulting & Services Firm**
 - › Innovative technology management consulting firm providing a unique blend of specialty IT services
 - › Technical consulting, business consulting, software development and systems integration
 - › Tailored technology solutions for customers' business needs

- **Background**
 - › Founded in 1992 and headquartered in Wakefield, MA
 - › Publicly traded (NASDAQ: EDGW)

- **Delivery Track Record**
 - › Over 2,000 projects delivered with a 96% customer retention
 - › ~300 technology consultants

- **Services**
 - › Enterprise Performance Management, Business Activity Monitoring, Business Intelligence
 - › Enterprise Information Management / Data Services
 - › Build Services
 - › Infrastructure Services
 - › Program/Project Management Services
 - › Enterprise Architecture Services

About Ranzal & Associates

- **Founded in 1996, Ranzal has implemented Hyperion solutions for 350+ companies**
- **Oracle Certified Advantage Partner - Highest Status**
- **Hyperion “Americas Reseller Partner of the Year”**
 - 1999, 2005 & 2007
- **Certified EPM Consultants & Instructors**
- **Vertical Expertise with high-profile clients from Coast to Coast**
 - East Coast & West Coast Presence
- **Sound Project Methodology insures Project Success**
 - Support Business Applications from start to finish
- **One of the largest Hyperion Practices in the U.S.**
- **“Best Planning Practice with Best HFM Practice”**
 - Hyperion Development utilizes Ranzal for Planning, Essbase, HFM & FDM product direction

Key Differentiators

- **Performance Lab**
 - Prove out new system capabilities
 - Quantification of migration and upgrade impact on performance
- **EPM Roadmap**
 - Plotting the right course upfront to avoid many of the pitfalls that can occur when implementing EPM solutions
- **Consistently invited to sit with Oracle Development**
 - Ranzal was the only partner brought in to review EPMA for Planning and HFM
- **Numerous SAP customers and are one of the only companies to have implemented HAIC, where we pull data directly from BW Info Cubes**
- **Participated in the development of the certification exams for Hyperion Planning, Essbase & HFM**
- **100% Oracle**



[CONSOLIDATION]

Financial Performance
Legal, Segment & Mgmt Reporting
Financial Management
Performance Lab
Sarbanes Oxley Compliance Support
Financial Close Optimization
Data Quality Mgmt & Integration

[BUDGETING/PLANNING]

Budgeting
Planning
Forecasting
Business Modeling
Workforce Planning
Capital Planning
Strategic Finance
Profitability

[DATA SERVICES]

Data Integration Services
Financial Data Quality Management
Data Warehousing
Master Data Management
ETL Services
Performance Tuning
Automation

[BUSINESS INTELLIGENCE]

Application Dashboards
Compliance Management Dashboards
Performance Scorecards
Balanced Scorecards
Customer Profitability
Product Profitability
Application Development

[INFRASTRUCTURE]

Installation Services
Upgrade & Migration Services
Performance Tuning
System Monitoring
Backup & Recovery
Disaster Recovery
Load Testing
Hardware Sizing

[SUPPORTING SERVICES]

Application Reviews
Documentation
Business Requirement Gathering
Process Change
Technical Reviews
EPM Road Maps
Customer Training
Program/Project management
Infrastructure Reviews

A little about our project

- The project goal is to implement an EPMA managed HFM application (v9.3.1) to replace a manual excel based translation & consolidation model in a period of 6 months
- HFM application includes temporal translation, cash flow reporting & support for future use of process management
- FDM is used as the data submission vehicle – both from the G/L to HFM and HFM to Planning
- Trican had previously deployed Oracle/Hyperion Planning using EPMA

Why EPMA?

- Hierarchies for HFM & Planning are identical
- Entity dimension has >2000 base members
- Multiple alternate hierarchies used to support reporting – Phase II enhancement to split entity dimension
- Account dimension for Planning includes G/L level accounts while HFM is managed at 1 level higher (corporate chart of accounts)

Did You Know?

- Classic applications can be converted to EPMA applications
- Dimensions can be imported into EPMA from a flat file or from a relational source
- All Dimensions must be represented in an EPMA application – including consolidation method – even if not being used
- EPMA Master View can differ from an Application View
- EPMA File Generator will extract an .ads file from the EPMA application library



A Case of the Hiccups... at least in System 9

- Just because the app validates, doesn't mean it will deploy successfully!
- HFM applications with custom Shared Service roles assigned to a user that is provisioned to the application will not deploy
- Dimension association for ICPTopMember is incorrectly linked to Entity, not Account
- EPMA File Generator will not extract UD codes assigned to dimensions
- EPMA applications do not migrate across environments (no copy app here!)
- Removing a "primary" shared member requires all of the shared members to be removed from the hierarchy
- EPMA data synchronization manager mappings can not be imported
- Modifying the properties of a "profile" dimension for another application type will prevent the HFM application from re-deploying
- EPMA validation errors only display on the web – no log file produced



Fusion: Problem Solved!

- Enhanced validate – additional validation checks prevent a false positive “Application Validated Successfully”
- Application migration now supports multi-environment movement (Ex: Dev → Test)
- Removing shared members is far more efficient
- Data synchronization mappings can be imported
- Validation errors produces a log file

Key Enhancements in Fusion: Shares/Local Dimensions

Local Dimensions

- Detached, independent dimensions that only exist in one application
- Expands the methods in which dimensions can be shared across applications
- Enables applications to have dimensionality that is independent from other applications
- Can be converted to a shared dimension or a shared dimension converted to Local
- Differences in shared or local dimensions can be synchronized with the application master library



Key Enhancements in Fusion: Application Upgrade

- Upgraded applications can share dimensionality with other EPMA applications
- 9.3 Classic HFM & Planning applications can be upgraded to Fusion EPMA applications



Key Enhancements in Fusion: Import Format

- Prior to Fusion, import file format was very restrictive and each dimension required 3 sections – Members, Hierarchy, Properties
- In Fusion, import format is more flexible and not all sections are required – old format is still supported to enable backward compatibility
- Properties section can be integrated in the Relationship (previously Hierarchy) section - similar to classic apps



Key Enhancements in Fusion: Import Options

- Merge option is GREATLY enhanced – members can be moved with the ability to move all shared members or just the primary member
- Replace mode also greatly improved
 - Dimension is no longer cleared before import
 - Application filters are no longer affected
 - Only incremental changes are processed
- Transaction logging can be disabled to minimize overhead
- Performance greatly improved

Early Adoption Has Its Benefits

- Ranzal continually works with Oracle/Hyperion development to identify bugs as well as areas of improvement
- Development is aware of the following issues and is actively working to correct:
 - Assignment of Shared Services custom roles prevents application deployment
 - ICPTopMember association
 - File Generator fails to export UD codes assigned



Questions?

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