

Enhancing Financial Transparency: A Case Study in OBIA and OBIEE Integration



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A global electronic component manufacturer enlisted Codenatives to analyse financial data using Oracle's OBIA and OBIEE. This involved scrutinizing their General Ledger data, including manual journal entries and cash payments extracted from Oracle E-Business Suite. Codenatives created specialized dashboards within the existing OBIA framework, offering a user-friendly environment for comprehensive financial auditing and analysis.

Challenges

- 1.Data Complexity:** Dealing with intricate financial data, especially in a multinational organization, posed complexities that required robust solutions. This complexity involved handling data from various sources and diverse formats.
- 2.Integration with Existing Systems:** Seamlessly integrating the new dashboards into the client's existing OBIA framework without causing disruptions or conflicts was a critical challenge. Ensuring that the new dashboards complemented the existing infrastructure required a careful and meticulous approach.
- 3.Customized Data Analysis:** Crafting specific dashboards tailored to each unique analytical purpose necessitated a deep understanding of the client's distinct data and business needs. Customizing data analysis to detect duplicate payments, rounded-amount invoices, and other anomalies called for expertise in translating business requirements into functional dashboards.
- 4.User-Friendly Design:** The creation of summary and detail tabs, along with user prompts for data interrogation, was essential to make the dashboards user-friendly and accessible. Ensuring that the end-users could easily navigate and interact with the data required careful design considerations.
- 5.UAT Coordination:** Coordinating UAT with the client's business units and addressing issues and fixes were crucial for validating dashboard functionality and usability.



Solution

1. Infrastructure Review: The project commenced with a thorough review of the existing infrastructure and instances, ensuring they were optimized for the upcoming changes.

2. Custom Dashboard Creation: Codenatives developed a set of specialized dashboards, each serving a unique analytical purpose, including Benford's Test, duplicate payment identification, rounded-amount invoice detection, and the monitoring of invoices close to approval thresholds.

3. User-Friendly Design: The dashboards were designed with user-friendly features, such as summary and detail tabs and data interrogation prompts, ensuring accessibility and ease of use.

4. Coordination and Support: Codenatives worked closely with the client's business units, facilitating User Acceptance Testing and providing timely support and fixes for any identified issues.

5. Web Catalog Migration: The project was completed with the migration of the web catalogs to the production environment, ensuring the seamless operation of the newly created dashboards.

