

NetSuite ERP and Oracle Planning Cloud Integration



Customer Profile

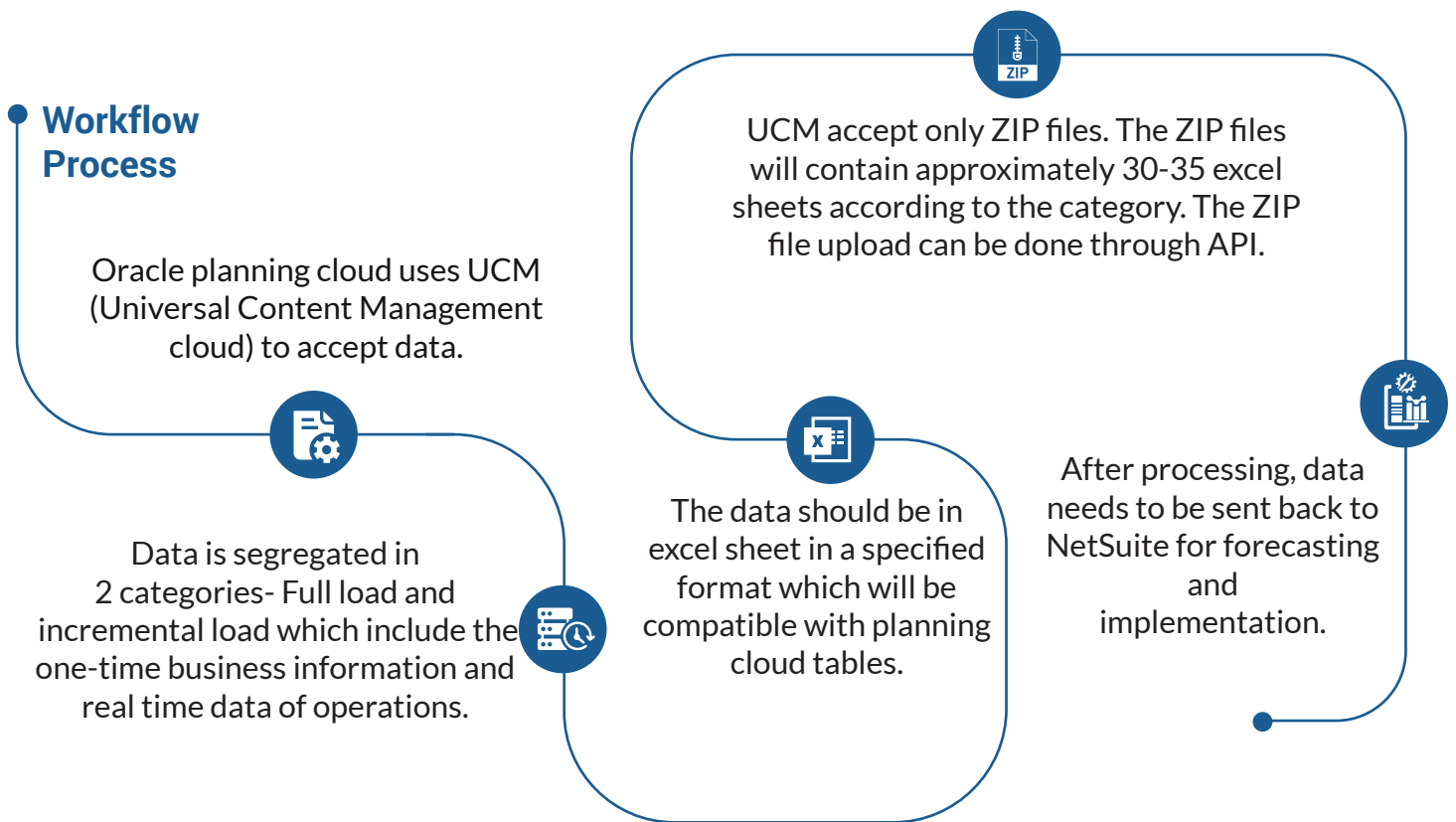
A distinguished skincare brand established by a renowned celebrity esthetician in the year 2004. The company has garnered significant recognition for its cutting-edge and efficacious skincare products, adeptly addressing a diverse array of skin concerns. Through a diligent dedication to scientific research and formulation, the brand has successfully garnered a loyal clientele comprising beauty enthusiasts and celebrities alike. The brand offers over 50 cutting-edge skincare products, catering to diverse skin concerns.

Objective

To integrate Oracle NetSuite ERP and Oracle Planning Cloud for streamlined planning and budgeting processes, collaborative planning and data-driven decision-making. To improve forecasting accuracy, scalability, and integration with existing systems. It seeks to achieve optimized supply chain and inventory management and meet customer demands efficiently in a D2C market.



- To implement demand and supply planning for an optimized inventory management.
- To facilitate coordination between various Vendors, suppliers and other stakeholders.
- For creation and management of budgets by providing real-time visibility into financial and operational performance.
- To create contingency plans and do risk management.
- To create purchase orders, sales orders, transfer orders and work orders in advance to forecast the revenue, resources, cost and time involved in the complete manufacturing and selling cycle.



Technical Challenges

- Customer has already tried multiple integration platforms and systems to integrate NetSuite and the UCM but did not get an optimized solution.
- Extraction of real time data from NetSuite and convert it into the FBDA excel sheet formats.
- All the integration platforms involved staging. The excel files gets corrupted during the staging stage due to version change, file name change or change in format of the excel.
- Oracle Cloud consumes the data in Base64 format only. Conversion of data into Base64 format was a major challenge for the most integration platforms.
- Volume of data was also a challenge as it involved creation of 40-50 excel sheets and ZIP file conversion.
- Sending data back to NetSuite in a NetSuite compatible format.



The diagram features a semi-circular shape on the left with the text 'Platforms involved' inside. Three lines extend from the right side of this shape to three separate rounded rectangular boxes on the right, each containing a description of a platform.

Platforms involved

Oracle Planning Cloud is a planning engine for both demand and supply

Oracle UCM cloud. UCM is Universal Content Management Cloud which is a kind of Storage drive where we need to upload our zip file.

Oracle NetSuite ERP is a comprehensive cloud-based Enterprise Resource Planning (ERP) software

Bizdata Implementation

- Bizdata has implemented a complete automated solution for the integration.
- Data is being extracted from NetSuite using SQL queries with the alias name of columns same as the header names required in the Excel in the particular order.
- Created integration bridges for each excel file and have added operation to hardcode the File name to be exact same every time to avoid versioning and file name rejection issue.
- Created two master integration bridges to compile all the excel sheets and convert them into ZIP files and Base64 format using a Bizdata operation named Base64 Converter.
- Using API to send the ZIP files to UCM cloud at a scheduled time every day.
- Extracting the data from UCM after processing and then sending it back to NetSuite using API at particular schedules.

Results

- Streamlined the complete process flow of integrating the data from NetSuite ERP and Oracle Planning Cloud without any data loss or complexity.
- Efficient processing of large data repository, leveraging the platform's scalability.
- Seamless exchange of data between the two platforms without any staging or iPaaS platform to fasten the process and reduced data breach.
- After implementing eZintegrations™ our customer reduced operational costs, automated the manual processes, reduced data errors, increased control, improved customer experiences, and achieved better insights and analytics.

Why Bizdata

- Connect any business applications with any data format.
- A Complete API Marketplace for errorless, smooth integration.
- No staging.
- Simplified integration solutions
- Capability to handle large data repositories
- No PaaS system required.
- Availability of various unique operations to simplify complex integration process.

eZintegrations™



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