



E-Business Suite R12 Upgrade for a Leading Bio-Analytical Measurements Instruments Manufacturer

Client Business Requirement

- Upgrade of existing Oracle EBS 11.5.10.2 to Oracle release 12.1.3 with minimal impact on business continuity.
- Implement the forced features of R12.
- Replacement of Bolt-on Application with Oracle EBS.
- Recommended Planning upgrade from R12.1.2 to R12.1.3.4 without impacting existing business functionality.
- BI Publisher upgrade.
- Retrofit BI to the upgraded R12 instance.
- Change Management for business users.

Technology Platform

- **Application Version:** Oracle EBS R12.1.3.
- **Database:** 11g (database size ~32 TB).
- **Financials Modules:** GL, AP, AR, CM, FA, Project Billing.
- **Supply Chain Modules:** PO, INV, BOM, WIP, Quality, ENG, i-Supplier, WMS, MSCA, i-Proc, OSFM, Supplier Scheduling.
- **OM Modules:** OM, Shipping Execution, Advance Pricing, Oracle Quotes.
- **Planning Modules:** ASCP (VCP), GOP, IO, ATP.
- **GRC Modules:** PCG, AACG.
- **Other features:** SLA, e-Tax, AGIS.

Cognizant Solution and Engagement Highlights

Cognizant provided the following services:

- Upgrade from 11i to R12.
- Workshops, CEMLI Retrofit, Functional Analysis.
- R12 Setups and Profile Options validations.
- Identified New Development components as an outcome of analysis phase and impact on boundary apps.
- Readiness of test plans for scenario testing.
- Unit testing and SIT for retrofitted CEMLIs and newly developed CEMLIs.
- Close listing and follow up on pre-upgrade and post-upgrade tasks to ensure no data loss post upgrade.
- Data cleansing requirements were identified (e.g. items data, supplier data, new item statuses etc.) during the test cycles and data updates / cleansing were done during last test cycles and UAT.
- Demonstrated and recommended R12 upgrade considerations and an effective disposition plan the key areas such as:
 - Sub Ledger Accounting.
 - Revenue Recognition and COGS.
 - eBusiness Tax.
 - Payment and Bank Model.
 - TCA impact.
 - MOAC.
 - Customer Refunds.



- Ledger sets.
- AGIS using sub ledger option.
- Recommended optimization parameters to reduce performance impact on:
 - Financial reporting.
 - Period close activities.
- Training conducted using Train the Trainer approach.
- Pre-upgrade and Post-upgrade steps performed to reduce errors and deployment time.
- Automated, developed and used automation scripts to validate the migrations.

Client Benefits

- Enabled business decisions for upgrading Sub ledger accounting periods to minimize Upgrade downtime, drill down impact and transactional capabilities.
- Enabled benefits under SLA, MOAC, TCA, Payments Workbench, AGIS.
- EBTax engine enabled to replace SABRIX in the P2P process.
- Facilitating SOX compliance with GRC Rules & features on upgraded R12 environment.
- Recommended Play books for defect prevention and mitigation in all tracks to reduce the cutover period.
- Validated Ramp up, Ramp down and Cut over activities to reduce Upgrade downtime.
- Proposed the Smart Retrofit approach to R12 for the data feed to BI applications.

- Multiple Test Cycles (TC1, TC2 & TC3) were performed to minimize the risk of failures. Focused on key scenarios, key integrations & setups.
- This helped reduce production cutover/ black out window (time) was from 4 days to 48 hours.
- Utilized Cupid for CEMLI and Impact Analysis.
- Migration tools like ClearCase, Kintana used to Automate migration process & eliminate manual errors.
- Migration trackers also used.
- Readiness of test plans for scenario testing.
- Migration Time monitored and identified dependencies to reduce overall migration time.

Challenges

- Multi-location, onsite / offshore model to provide round the clock coverage.
- Aggressive timelines to complete the upgrade in 9 month's.
- Analysis / retrofitting of CEMLI's
 - **Finance:** 1100.
 - **Supply Chain:** 1500.
 - **OM:** 500.
- Fast Track Planning upgrade in 5 months.
- Single-instance upgrade for more than 33 modules interfaced with 10+ boundary applications.
- Enabling SABRIX with EBTax.
- Instance Strategy and upgrade issues.



For more information on Cognizant's Oracle solutions, contact us: OSP_Marketing@cognizant.com

About Cognizant

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World Headquarters

500 Frank W. Burr Blvd.
Teaneck, NJ 07666 USA
Phone: +1 201 801 0233
Fax: +1 201 801 0243
Toll Free: +1 888 937 3277
Email: inquiry@cognizant.com

European Headquarters

1 Kingdom Street
Paddington, Central
London W2 6BD
Phone: +44 207 297 7600
Fax: +44 207 121 0102
Email: infouk@cognizant.com

India Operations Headquarters

#5/535, Old Mahabalipuram Road
Okkiyam Pettai, Thoraiakkam
Chennai, 600 096 India
Phone: +91 (0) 44 4209 6000
Fax: +91 (0) 44 4209 6060
Email: inquiryindia@cognizant.com