

# ORACLE Forms / Reports Modernization



## Why modernize?

Many companies have made significant investments in developing home grown applications using Forms 6i/Reports 6i. These applications are either deployed as client /server or web based application. Oracle is having definite plans to release newer version of forms in newer releases. And these development components will remain a part of Fusion middleware /applications in future. All the information about latest releases and statement of direction can be found in this link. Now for companies who are using older versions of Forms/reports, it does make sense to migrate to newer version. This helps in re-using the investments made earlier and make the application web enabled.

## What challenges?

Different companies face unique challenges but here are few of the common challenges listed below.

- Lack of Developer 6i skilled technical resources – Companies find it hard to get people trained up in Forms/Reports technology stack.
- Lack of functional / technical documentation on the product used – As the systems would have grown in bits and pieces, the available documentation may not match with the latest versions used.
- Application is distributed and isolated from each other (No operating unit concepts) – If companies are having different branches and the forms/reports are running in isolated places with no-integration.
- Lack of good development practices – Coding standards and good development practices are not either not followed or partially followed.

## How we can help?

At Genisys, we have a specialized migration team who does migration of Forms/Reports to the latest available version 11g. Our solution approach of forms migration is as listed below

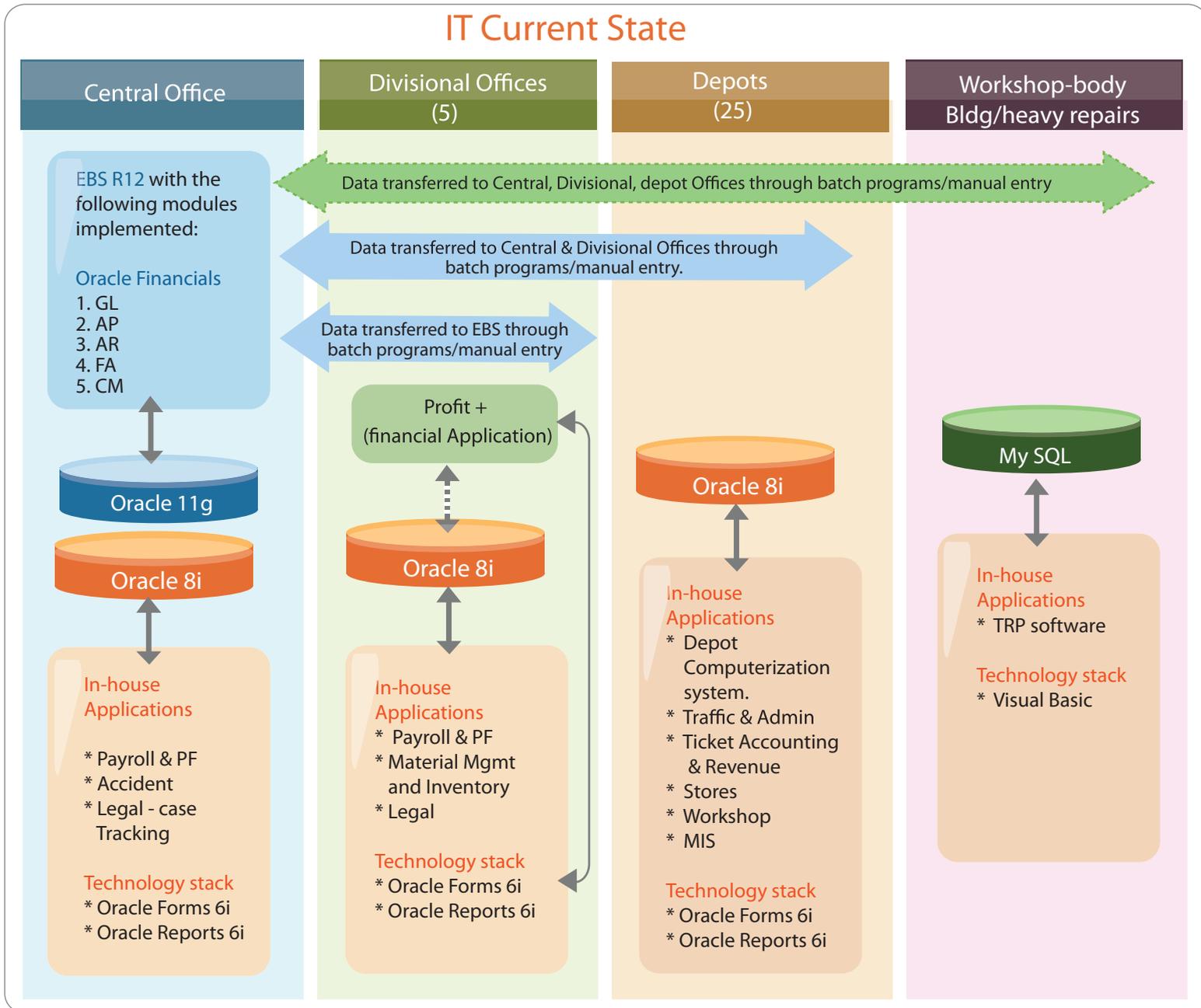
- Health Check of the application – Here we list out all the possible migration objects such as forms/reports/commonly used library/menu objects. A inventory is made of all the possible forms which need to be migrated. Our team also validates, if these forms are indeed the latest versions. A new version control system is created to store all the latest version of development objects.
- Implement Multi-Org concepts – We can redesign the application to suite multi org architecture. This helps companies to generate unified reports and reduce the investment by keeping distributed systems.
- Test environment is created – We create a test environment which include setting up of Web logic server and associated Forms/Reports services are installed and configured.
- Code scrutiny – We identify the relevant code in Forms which cannot be migrated due to de-support in newer version. Either these forms are re-created or work around solutions is provided in consultation with the client IT team.
- Test upgrade – We perform the test upgrade where in all the older forms/reports are migrated to the newer version and the new environment is given to end users for testing purposes. Once all the codes are migrated a document is created.
- Post Go live support- We help customers to maintain the application and database after GO Live to handle any un-foreseen application errors.

### What Genisys?

Genisys is a certified Oracle Gold partner. We are associated with Oracle India entity from more than 8+ years. We have a pool of skilled 50+ resources on who work on Oracle E-business suite and Forms technology stack. Our senior management team will be involved from the beginning of the project to give a confidence to customer.

### Case study

We are in process of implementing a Forms/reports upgrade solution to a 400 million USD turnover company. The pictorial view of its existing infrastructure is as shown below.



As the above diagram depicts the distributed nature of Forms/reports application deployed for this customer. This application is in existence from year 2000 onwards. Lot of investment is already made in developing this application, so a migration to a newer technology is not only time consuming but also expensive.

Some of the drawbacks of the existing systems were

1. Applications and databases are segregated across multiple location, so at the organization level, it takes months to get consolidated reports. No Business intelligence solution is available for this customer.
2. As applications are distributed, critical patch application is very rigorous for the support team

At Genisys, we have offered a solution based on Oracle Exadata which caters to both OLTP and OLAP applications with high load. The new architecture is shown below.

