



# Oracle Forms 12c to Oracle Forms 14c migration

Technology platform modernization for the public sector.

Industry: **Fisheries and Aquaculture**

\*Image for illustrative purposes only

## Summary

Project that involved migrating 2 applications (ENTERPRESE and SISPA) from Oracle Forms 12c & Reports 12c on-premises to Oracle Forms 14c & Reports 14c, specifically version 14.1.2.0.0.

## Key challenges

- Both applications and both environments (testing and production) were installed on the same server and the same disk drive.
- Both applications shared a single Reports Server (print queue) and the same WebLogic instance.
- One of the applications had its report calls completely hardcoded: the invocation URL included the server IP, port, username, and password.
- Lack of support from Oracle for the version of Oracle Forms the client was running.

## Approach / Solution

Industry-recommended best practices were followed to carry out the Oracle Forms version migration.

- 1) The databases were installed.
- 2) The development and production environments were installed.
- 3) A small application (1 form, 1 menu, 1 report) was installed to verify that all Forms and Reports components were running correctly.
- 4) The first application was compiled and configured, and the corresponding tests were performed.
- 5) The second application was compiled and configured, and the corresponding tests were performed.

This strategy made it possible to pinpoint the source of any issue: the database, WebLogic, Forms, Reports, or the application itself.

## Results

- The client moved from an unsupported version of Oracle Forms to a version with current support guaranteed for the future.
- Premier Support in effect until December 2030: includes bug fixes, security patches, and quarterly updates (Quarterly Patch Releases / Oracle Forms QBR).
- Extended Support available from January 2031 through December 2033, with access to specific patches for an additional fee.

## Technologies used

Operating system:

**Windows Server 2022**

Database:

**Oracle 19c, version 19.30**

Java:

**jdk-17.0.10 for 64-bit Windows**

Application server:

**Weblogic 14c, version 14.1.2.0.0.**

Forms:

**Forms 14c, version 14.1.2.0.0.**

Reports:

**Reports 14c, version 14.1.2.0.0.**



## Conclusion

The project was completed in record time, without setbacks, giving the organization peace of mind in once again having official Oracle support for its applications.

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