

# Ropardo S.R.L. Oracle EBS Solutions, Development of customized Oracle E- Business Suite functionalities

Oracle EBS Solutions

Technologies:  
 J2EE, Oracle ADF, Oracle  
 Application Server, Oracle BI  
 Publisher, Oracle Database



## About CARMOLIMP:

Founded in 1993 as a family business, CARMOLIMP developed in a short period of time, reaching a major player not only food market in Romania but also in animal husbandry, agriculture, and construction.

The consequences of addiction to excellence can be seen in all products CARMOLIMP®, regardless of brand these products bear.

More information at:  
[www.carmolimp.ro](http://www.carmolimp.ro)

## Despre Ropardo S.R.L.:

Innovation, Quality, Deliver on Time is our objectives since 1994 when Ropardo S.R.L. start as Technology Company based in Sibiu, Romania. Our expertise is in offshore software development, implementation of complex software solutions and maintenance of software/IT systems for world wide customers. Our services domains are: system and application development, business application, Web and e-business/eCommerce, software re-engineering, software test, maintenance and support.

More information at:  
[www.ropardo.ro](http://www.ropardo.ro)



Specialized  
 Oracle E-Business Suite

## Client Needs

Customer run for more that a year premium ERP solution - Oracle E Business Suite. At that time customer was looking after a special module that need to cover business flows for animal husbandry activity.

Therefore they ask for:

- Setup / Lists (Care takers, Livestock categories, Sections/Locations, Items/Products, Medicines, Fodder)
- Livestock management (Move, slaughter, etc.)
- Reproduction management
- Products management (stock load with specific items)
- Fodder (Acquisition, Production, Recipes, Consumption)
- Medicament Management and medicine tracking
- Reports
- Full integration with existing ERP solution

## Ropardo S.R.L. solution

### Experience and technical expertise

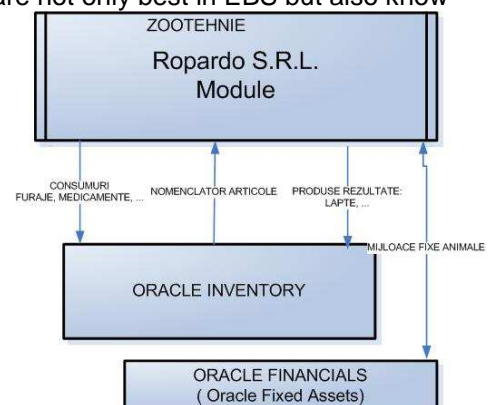
Ropardo S.R.L. already had prequalified resources which are skilled in the particular **ERP** domain – and special on **Oracle E Business Suite (EBS)** that project required. They have worked on a large number of projects in the area, thus gaining long-time experience, which allows them to avoid downtime, since they have already encountered specific domain problems, have successfully dealt with them and have the answers ready.

## Project Approach

Ropardo S.R.L. team of business consultants where search over Oracle EBS existing modules as well partners offer and did not find any suitable solution. Based on this customer decide to ask for a customized module that responde to his requirements.

Based on our prevois EBS technical experience combined with our consultant experience that are not only best in EBS but also know issues from customer business - animal husbandry activity – we design a new EBS module.

Solution where developed using J2EE technology, Oracle ADF for the front-end and processing and the Oracle Database.



## Technologies on short

The following technologies were used:

J2EE, JDBC, JSP, ADF Business Components, ADF Faces, XML, RTF, Oracle AS, Oracle ADF, Oracle 10g, Oracle XML Publisher, JUnit, PMD, SVN

Ropardo S.R.L. is Oracle partner since 2006 and assure:

- Oracle products are delivered at high standards
- Technology competences - install and administrate Oracle database and applications
- ERP competence - complex implementation of Oracle e Business Suite

### More Information

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After the development phase, Ropardo S.R.L. delivered:

- The application integrated into the EBS production instance (i.e. the application form of war and ear; database as SQL scripts, etc.)
- All exploitation and administration documentation
- Procedures for quality assurance and tracking

## Project Management

Project was conducted using Oracle AIM (Application Implementation Methodology) because our team is used with this project management methodology and assure all needed tools.



AIM provides documentation templates that support the tasks that must be performed to assist the implementation participants in running and managing projects successfully.

Inside of project we allocate in different project stages ERP consultants, engineers, solution architects and testers plus permanent project management.

Our team perform work at our office as well at customer site and we provide all needed services – from design / development to testing and documentation.

## Technology

Oracle ADF provides an MVC application framework that ensures a J2EE development in a declarative and visual way. ADF Faces have been used for the visualization and data acquisition (View - the presentation), ADF Business Components for the data processing (model - the business) and JDBC / POJO / ADF Business Components for the persistent data.

Module run inside the Oracle Application Server and is integrated with Oracle E-Business Suite via connectors and interfaces provided by this integration.

The integration with Oracle EBS module uses nomenclatures and workflows within the suite without the need duplication or taking them several times.

Data security is ensured by using EBS responsibilities to ensure users only access data they need.

Reporting is realized with Oracle XML Publisher.

Standardized testing of application components was achieved with JUnit.

PMD was used for quality code.

SVN was used to manage code and facilitate collaborative work.