

Oracle EBS Solution – development of customized functionalities

“The new solution allowed us to do lots more things and the overall activity is now more efficient.”

Oracle EBS Solutions

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



Challenge

At the time the customer was running a premium ERP solution - Oracle E Business Suite and was looking for a special module that had to cover business flows for animal husbandry activities.

In this sense, they asked 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

About CARMOLIMP:

Founded in 1993 as a family business, CARMOLIMP developed rapidly into a major player not only on 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 the brand these products bear.

Further info at: www.carmolimp.ro

About Ropardo S.R.L.:

Ropardo is an IT group with solid turnover and over 50 skilled employees. Innovation, Quality, On-time Delivery have been our constant objectives.

Our main expertise is in: software development, implementation of complex software solutions and maintenance of software/IT systems.

We provide the following in various industries: app and system development, business apps – ERP / CRM, web apps and e-business / eCommerce, software reengineering, software testing, maintenance and support.

Further info at: www.ropardo.ro

Solution by Ropardo

Experience and technical expertise

Ropardo S.R.L. has the necessary prequalified human resources which are skilled in the particular **ERP** domain – and especially on **Oracle E Business Suite (EBS)** required by the project. They have already 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 ready-made answers for most issues.

Technologies

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.

The module runs inside the **Oracle Application Server** and is integrated within **Oracle E-Business Suite** via connectors and interfaces.

The integration with **Oracle EBS module** uses nomenclatures and workflows within the suite without the need of duplication.

Data security is ensured by using **EBS responsibilities**.

Reporting is realized with **Oracle XML Publisher**.

JUnit ensured standardized testing of application components.

PMD was used for quality code.

SVN was used to manage code and facilitate collaborative work.

SOFTWARE CONSULTING	Requirements management System analysis Risk analysis Process management
SOFTWARE DEVELOPMENT	Architecture design Implementation
TESTING / QUALITY	Functional testing Unit testing Automated testing Load/Performance testing Static testing

LEVEL of SERVICES

ORACLE Gold Partner
Specialized Oracle E-Business Suite since 2006

- 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

Outsourcing to Ropardo:

- Quality custom software development
- End-user satisfaction
- Short time to market
- Quantifiable value
- Guaranteed performance level
- Reduced and controlled costs
- Managed risks
- Good value-for-money
- Flexibility

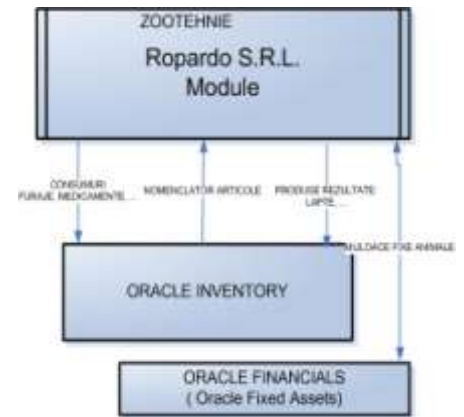
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Project Approach

After having unsuccessfully searched over Oracle EBS existing modules, Ropardo team of business consultants proposed a **customized module** to respond to the customer's requirements.

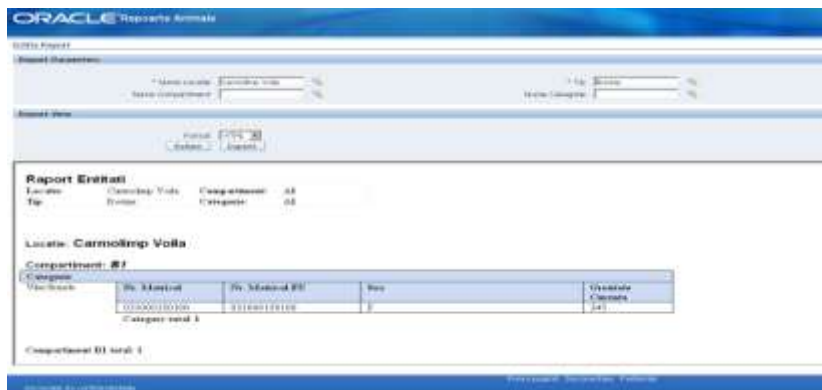
Based on our previous EBS technical experience combined with our consultants' deep understanding of the customer's business activity - animal husbandry activity, we designed a brand-new EBS module.



After the development phase, Ropardo delivered:

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

The project was conducted using **Oracle AIM** (Application Implementation Methodology) because our team is familiar with this project management methodology that ensures all necessary tools and documentation.



Benefits

- business flows specific to the customer's activity
- request, procedure and process optimization
- responsibilities per user profile
- information management on the Internet
- process and report standardization
- rapid access to information for the company management
- stock inventory, purchase planning
- efficient overall activity
- cost control
- asset management

