

# Collaborative Solution, IBM Lotus Notes application development

Nearshore services

Technologies:  
 Linux, Lotus Notes  
 IBM Domino Server



## About Customer:

This project was developed for Hermann Oberth Engineering Faculty in Sibiu.

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

## About 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 word 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.

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## Challenge

One of the society's characteristics represents the power to give anyone access to information and knowledge. The necessity to adapt to the present requirements becomes obvious when we talk about the work style.

Irrespective of the working domain sooner or later we will confront with the necessity to work in a networking environment, because of the necessity to share resources on the Internet with partners all over the world. In this context the capacity to attain flow of information and the ability to extract knowledge from it becomes an obligatory task.

As the solution is designed so as to ensure an efficient document management, it must allow rapid data insertion; data search, update and recover, replacing the necessity of a long training even for the personnel less used to a document management solution.

In order to answer every demand and every criterion we described, the solution developed by Ropardo S.R.L. had to possess advantages related to simplicity in designing the interface, besides advantages related to high speed in finding the main commands and facility in utilization.

The challenge related to design meant realizing an interface whose main characteristic was simplicity. Working with a multitude of information and documents, the application must have a simple way of presenting the information, in order to be easy to use.

## Solution

Solution was designed and developed using IBM Lotus Notes and Domino Server. Lotus Notes is an integrated desktop client option for accessing business e-mail, calendars and applications on IBM Lotus Domino server.

Designed solution delivered next main functionalities:

- Dashboard
- Email and group calendar
- Organizational functions – orga chart
- Address Book – organization addresses and contacts – can be categorized based on different fields
- Document management - inclusive special documents that are needed for students management
- Project Management – basic activities needed to roll up a project inside of customer organization
- Workflow management – allow users to start a new approval flow – it interact with all other functionalities

## Technologies on short

The following technologies were used:

Linux, Lotus Notes, IBM Domino Server

## Project Context

Reorganization of the educational process is a challenge, almost a paradox because the professors are those who promote news, new technologies, and new strategies and management methodologies. We live in an informational society and we work at construction of knowledge of society. We are an Internet generation; we use it day by day and the fact that we cannot live without it has become a reality.

### Nearshore Benefits:

- Quality Custom Software Development
- End User Satisfaction
- Short time to market
- Quantifiable Value
- Guaranteed performance level
- Predictable cost
- Based on our specific business model we deliver high value at a good price.
- Flexibility

### More Information

Ropardo S.R.L.  
Mr. Claudiu Zgripcea  
Reconstructiei 2<sup>a</sup>  
550129 Sibiu  
[www.ropardo.ro](http://www.ropardo.ro)  
[office@ropardo.ro](mailto:office@ropardo.ro)  
Tel. +40 269 231 037  
Fax +40 269 231 037

## Benefits



The main benefit referred to performance increase in universities own activities, as well as to developing universities abilities to manage knowledge.

The technical objectives pointed out were focused on: projects and documents quality improvement, promoting employees flexibility, optimization of communication channels and methods between different departments, easy data transfer, adapting existing services to the social requirements and needs by implementing a systems which would support the learning process at the university level.

## Development and technology

For development of eUniv software our engineers used IBM Domino Designer as environment and for different functionalities used all techniques (i.e. **Lotus Script, Formula, Java agents**) possibilities that platform provides.

Notes/Domino is a cross-platform, secure, distributed document-oriented database and messaging framework and rapid application development environment that includes pre-built applications like email, calendar, etc.

Project team was formed by experienced engineers in software development **certified on Lotus Notes** as well project manager and solution architect.

## Ropardo S.R.L. as IBM Business Partner

Based on our customer's requests we decided to invest in IBM technologies, becoming IBM Business Partner in 2001; IBM partnership involves:

- IBM/Lotus software certifications.
- Products and services corresponding to IBM quality demands.
- Competence in implementing IBM technologies.

