

## **eLEARNING, eSCIENCE, eADMINISTRATION, eUNIVERSITY ...**

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It was 15 years ago when the university began to streamline its study and science and research administrations. It took many years to develop the simple database of students into the complex information system used for the administrations today. On the way the university keeps encountering a range of technology whose names comprise the mysterious letter “e”.

Few years ago it was the word eLearning which represents the technology electronically supporting the educational process itself; that is not only the study and course administrations, but also the whole process of planning, preparation, performing and evaluating the teaching process. At present the university has a module for supporting all eLearning activities integrated directly in its University Information System.

Two years ago the university initiated the implementation of the eScience module which provides support of the science and research process on the level of administration automatization functioning also as a particular mediator for planning, acquisition, utilizing and evaluating the use of the individual sources offered both by our and other science and research centres. Among these sources are IT infrastructure, laboratory equipment, software support of conference planning and workflow of the individual laboratory processes. This module could be currently employed through a complex information system.

This year is the university finishing the implementation of the paper-free office module called eAdministration whose task is to cover all administration processes relating to personnel and financial relations of the employees, heads of departments and institutes, faculty and university management and professional offices at the university. Apart from transferring the printed forms into electronic version the goal is to perform a complex audit of the whole system of planning, using and evaluating the use of the processes and sources which each university employee encounters on a daily basis.

We believe that we are heading the right direction to implement the concept of eUniversity by means of integrating the above mentioned modules and many others into a single university information system which in the form of portal applications will provide its users with a very simple, but all the same complex and powerful access to administer all processes and sources.

The aim of this paper is to introduce the already implemented modules of eUniversity in the University information system and to outline the trends in this development.

Since our solution is gradually being implemented at other large universities in central Europe some ideas mentioned in this paper can become the building blocks for standardizing the processes which university information systems should realize.