

A great number of organizations realize the need to search for and collect the data, which are very useful for obtaining the information that simplifies the key business decisions. From that reason comes it nowadays to the development in a field called Business Intelligence (BI). BI is a complement of processes, technologies and tools that enable to transform company's data to actionable business information useful for particular actions, promotion of the business decisions and improvement of the running of the company. BI combines the ideas and processes from the business world and using algorithms and techniques for managing of the data and transformation of this data into useful information.

The goal of this master thesis is to extend the existing information system by BI subsystem and thereby support the decision making of management and improve company's competitive edge. There is necessary to analyze of important data and processes in company, chose the proper architecture, make a design and implementation of BI subsystem. The main output of this work is the prototype implementation of BI subsystem named UESBI which will be sequentially deployed and progressively extend by additional functions.