

The aim of this thesis is not only to characterise the key terms related to this field, but also to analyse the possible solutions to the area in a particular industrial enterprise in the Czech Republic by means of a case study which is a reliable method of qualitative research.

The thesis is divided into theoretical and practical part. In the theoretical part the terms such as information, electronic data, know-how, enterprise information systems, cybercrime, and cyberterrorism are defined.

The practical part drawing on the theoretical part gives a thorough analysis of the initial state of an industrial enterprise in food industry. Furthermore, it deals with the implementation of the ECM (Enterprise Content Management) which is considered a possible solution to the security of work with electronic data in industrial enterprise.