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## Analysis of the Health Information and Communication System and Cloud Computing

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### Abstract

This paper describes an analysis and shows its use in analysing strengths, weaknesses, opportunities and threats (risks) within the health care system. The aim is further more to show strengths, weaknesses, opportunities and threats when using cloud computing in the health care system. Cloud computing in medicine is an integral part of telemedicine. Based on the information presented in this paper, employees may identify the advantages and disadvantages of using cloud computing. When introducing new information technologies in the health care business the implementers will encounter numerous problems, such as: the complexity of the existing and the new information system, the costs of maintaining and updating the software, the cost of implementing new modules, a way of protecting the existing data in the database and the data that will be collected in the diagnosis. Using the SWOT analysis this paper evaluates the feasibility and possibility of adopting cloud computing in the health sector to improve health services based on samples (examples) from abroad. The intent of cloud computing in medicine is to send data of the patient to the doctor instead of the patient sending it himself/herself.

### Keywords

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