



**RESEARCH ARTICLE**

# THE CLOUD- CHANGING THE INDIAN HEALTHCARE SYSTEM

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**Abstract—** *Cloud computing is the fastest growing field in Information Technology sector. Cost reduction, flexibility, scalable and sustainable, increased efficiency, reliability, usage defined payment and enhanced mobility are some of the features of cloud computing. The robustness and security of Cloud is increasing such that it could now be used in healthcare sector very easily. As in healthcare sector data privacy and security are of high importance. Right information at right time saves lives. But with the new opportunities come few risk too like Data security risks, the risk of loss of data and risk of system unavailability. We see that the information system of hospitals in India not very well managed, they have somewhat rare information. Cloud helps its client with the latest technologies but at a very low price. Client has to pay only for what he uses with minimum resource. The cloud is not about technology, it is the abstraction of technology for delivering pure services. This work proposes a solution based on cloud computing implemented for hospital systems having as a result a better management, high speed for the medical process, and increased quality of the medical services. In this paper we have analyzed the implementation of cloud computing in Indian healthcare sector. Cloud computing technology is still new but promises a revolution in the entire connected areas.*

**Key Terms:** - *Cloud computing; e-Health; cloud and health care*

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