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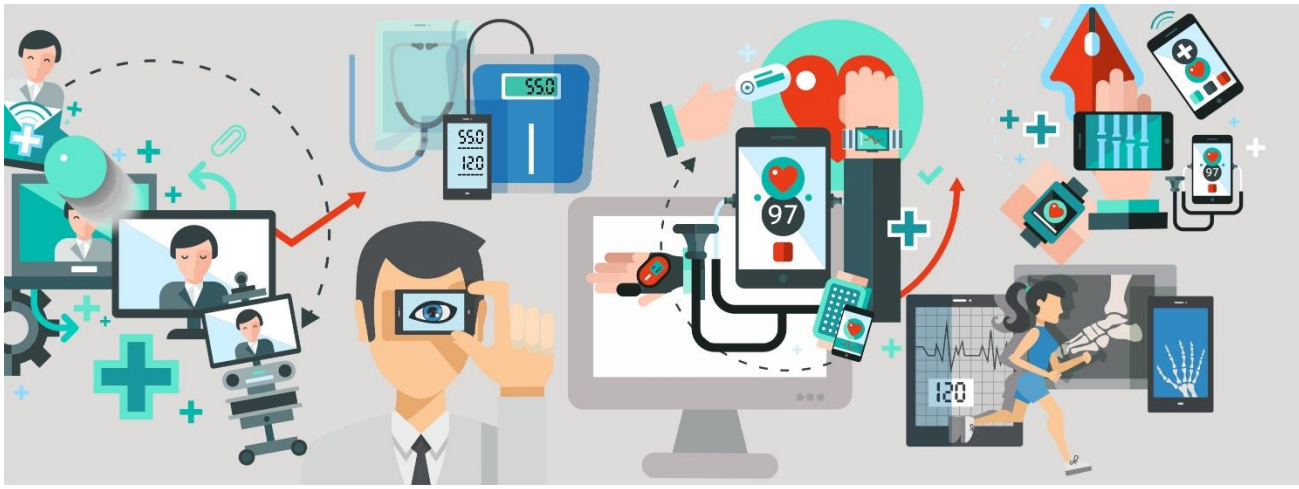
# Smart Healthcare pulls up Clouds for Virtual Medicine




**Dear Readers,**

The field of medicine and healthcare services is one of those rare industries that are yet relatively unknown to the world of technology and cloud computing. It would not be wrong to say that the world of medicine has always been an ocean of paper trails, fax machines and hard copies. Due to these physical records and paper trails, the medical industry and healthcare services have always restricted to access privacy barriers and isolated data for each patient. For many years now, the industry has been screaming for a better system. There is no doubt about that healthcare services and medicine industry holds a number of flaws in terms of smart functioning.

The world has already started moving towards this new way of providing healthcare services. A decade before, in the year 2009, United States has already signed the HITECH ach, under which a $27 billion stimulus package was created to accelerate healthcare information technology in the country. Under this law, the doctors are supposedly paid to adopt electronic records. Moreover, the doctors who do not penalize electronic records are penalized under this act. The data standards are improving day by day and they are making it easier to share health information, software, innovation linked to mobile computing and the policies to protect patient privacy. As a result of these constantly improving data standards, the use of healthcare technology and cloud medicine has constantly improved and increased over the years. There are many other countries as well that have moved along the same path. In Netherlands, almost all the primary-care doctors already use electronic records. But most of the countries in the world are yet to reach this mark.

These questions are what is meant by unconnected data and privacy barriers in the world of medicine. Therefore, it is absolutely right to say that the industry needs a better system. It is imperative that a doctor has all the records of the patient he is treating, and that too, instantly, with him online. Cloud medicine is the way forward for the medical industry and the world has already started to move towards this relatively new way.

Cloud medicine or E-medicine is a concept wherein a cloud computing service is used by all the health care providers to store, maintain and back up the personal health information of the patients. One of the biggest benefits of using the cloud computing technology is that it is capable of storing way more data than a physical server. Moreover, the costs of using this cloud storage are just a fraction of what it costs to use the on-site physical servers.

With kindest regards

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