

A Webinar on  
**Open Technology Solutions For  
Healthcare Startups**  
30<sup>th</sup> October 2014



## Question and Answers

**Q: Any real life implementation you can share for healthcare analytics?**

Yes, we have written some analytics solution for recommending effectiveness of a drug for a given health problem. The algorithm is under Non Disclosure Agreement (NDA) so the disclosure is not possible, but it is based on adaptive analytics done over large data sets collected across from the observations in Hospitals.

**Q: You recommended 3 things- Remote patient monitoring, Healthcare analytics and utilizing social media in healthcare, also a bigger picture involving all 3. Now I am a startup, so out of these 3 which would you recommend? For a new small startup what is recommended for functionalities and technology?**

As a startup you want to make most meaningful output with the most lean input. In my opinion Remote patient monitoring is very promising, but quickly let me add, that this is where you would want to do the market survey and decide. And once more lean functionalities mean light weight implementation and thus it is most cost effective solution.

For technology options I suggest to check the disruptive technologies like Ruby on rails, Node JS, Python or NoSQL ...

**Q: Can you share an example where the doctor is able to deliver better services to its patients by using any of the technologies you mentioned?**

As a doctor your goal is to build a community, where people can express themselves and collaborate to improve the way we do now. You would also want to make this portal a reliable platform and perhaps to be led by experts. Now think of some examples where doctors can send sms message to their patients warning them about possible Asthma attack because of changing weather or pollen counts in the region.

**Q: Do we always need big data technologies for healthcare apps. Can I use RDBMS?**

It is not necessary to use Big Data technologies / NOSQL with all healthcare applications. It will depend on the size, frequency and variety of data getting in and out of the application. So there can be many applications that can use RDBMS. Eg. Application to check health stats (blood pressure, heart rate etc).

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However, in case you want to collect data over time, or for a large number of people for further analysis (eg get the average heart rate of people of certain age and geography) then we will have to collect, store and analyze a huge volume of data, for which NOSQL will be necessary.

So in conclusion, the choice of database will depend on the application functionality and use cases.

### Q. Will you post the recording or presentation slides of this webinar?

Yes, you can view the recording and presentation slides of the webinar by visiting this link:

<http://www.harbinger-systems.com/insights/webinar/open-technology-solutions-for-healthcare>

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