

**IoT for Healthcare  
Forecast, 2015-2020:  
*Lowering Costs while  
Increasing Patient  
Satisfaction***

Market Study  
Second Quarter, 2016





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# **IoT for Healthcare Forecast, 2015-2020: *Lowering Costs while Increasing Patient Satisfaction***

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## **A Market Study**

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## Abstract

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Wireless and mobile technology has been used in the healthcare market for years and has allowed care providers to remotely communicate with patients through “evisits” or “telehealth” services, using VoIP technology and patients’ mobile devices. Although these services have provided valuable benefits, the Internet of Things (IoT) provides distinct new opportunities to the healthcare industry.

IoT solutions are based on biomedical sensors and devices that provide important clinical and health-related data to healthcare providers. The main driver for using IoT solutions for the healthcare industry is cost savings. However, IoT solutions also provide the added benefits of increased patient satisfaction and improved quality of patient care.

This market study defines the Internet of Things, the networks that support IoT, and the benefits and issues surrounding its deployment. Further, the study discusses the use of IoT in the healthcare market. Finally, the market study provides a five-year forecast of the number of mobile IoT connections to be used for remote patient monitoring in the healthcare industry over the next five years.

Key questions addressed in this market study include:

- What is the Internet of Things?
- What types of networks are used to support the Internet of Things?
- What are some of the perceived benefits and issues related to IoT?
- How and why is IoT being used to support the healthcare industry?
- What specific IoT solutions are being used in the healthcare industry and which vendors are providing them?
- How many mobile IoT connections will be used for remote patient monitoring in the healthcare industry over the next five years?
- How does the number of healthcare-related IoT connections compare to all ‘connected devices’ connections?

Who should read this report?

- Mobile operators
- Infrastructure OEMs
- IoT product and solution vendors

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- Financial analysts and investors.

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