

## IoT Connected Health Patents Data 4Q 2016

IoT Connected Health Patents Data 4Q 2016 is a custom research of TechIPm, LLC ([www.techipm.com](http://www.techipm.com)) based on the analysis of the published patent applications and issued patents in the USPTO regarding the IoT (Internet of Things) connected health.

### Methodology

1. Search for the IoT connected health related patents.

- Search the USPTO database for the IoT connected health related published patent applications and issued patent as of 4Q 2016

2. Review the searched patents for the key IoT connected health patents.

- Categorize the identified patents by the key connected health application system  
Clinical Health Management System, Fitness/Workout Management System, Health ICT System, Home Healthcare System, Medication Management System, Personal Health Management System, Physical Activity Monitoring System, Physiological Monitoring System, Sleep Monitoring System, Smart Cloth/Footwear, Telemedicine System
- Categorize the identified patents by the key connected health value chain player  
Consumer Electronics Manufacture, Consulting Service, Financial Service, Healthcare Service, Healthcare Solution, ICT Solution, Medical/Health Device Manufacture, Patent Monetization Entity, R&D (including university, individual inventor), Semiconductor Device Manufacture, Sports Goods/Equipment Manufacturer
- Categorize the identified patents by the key connected health technology innovation  
Activity Monitoring Automation, Healthcare Information System, Healthcare Network System, Intelligent Medical Diagnosis/Treatment, Personal Health Management, Personalized Medicine, Physiological Information Sensing, Remote Health Monitoring

### Deliverables

**MS excel file** for current assignee, patent number (hyperlinked to Google Patent), title, application system category, value chain player category, technology innovation category

### Examples for Data Use Cases

#### *Innovation Status*

Patent information can provide insights regarding the state of the art of connected health innovations.

***Innovation Opportunity***

Using patent information, one can identify the potential innovation R&D areas (“white space”) that can lead to new connected health products/services development through the patent analysis.

***Cross-competitor Analysis***

Patent information can provide insights regarding the competitive advantage innovation strategy in alignment with the strategic move of a specific company for connected health business leadership through the cross-competitor analysis.

***Value Chain***

Patent information can provide insights regarding the state of the art of connected health innovations of the value chain players.

***Patent Dispute Risk***

Patent information can provide insights regarding the potential patent dispute risks of connected health applications.

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