# Journal of Information Technology and Software Engineering

Market analysis

# Market Analysis on Humanoid Robotics 2020 in Tokyo, Japan, Nov 13-14, 2020

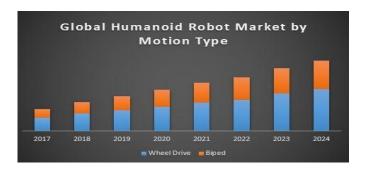
## **Amir Shapiro**

We are pleased to welcome you to the "Global Summit on Humanoid Robotics and IOT" after the successful completion of the series of Robotics Congress. The congress is scheduled to take place in the beautiful city of Tokyo, Japan on Nov 13-14, 2020. This Humanoid 2020 conference will provide you with an exemplary research experience and huge ideas.

The global humanoid robot market can be segmented on the basis of component, application, and region. Based on component, the humanoid robot market can be divided into hardware and software. The hardware segment of the humanoid robot market can be further classified into sensor, actuator, controller, power source, and others.

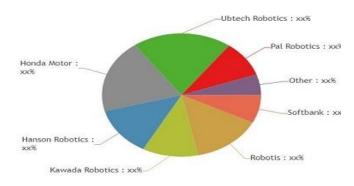
Rise in adoption of artificial intelligence algorithms in humanoid robots to boost robots' performance is expected to a primary reason for the leading market share of the software segment. In terms of application, the humanoid robot market can be categorized into personal assistance, education, search & rescue, entertainment, research & space exploration, public relations, and others. Increase in implementation of robots in retail outlets to enhance customer experience is expected to push the revenues of public relations segment of the humanoid robot market.

Geographically, the global humanoid robot market can be segmented into North America, Europe, Middle East & Africa, Asia Pacific, and South America. Asia Pacific is expected to contribute a substantial revenue share to the humanoid robot market during the forecast period owing to growing geriatric population in countries such as China, India, and Japan.



#### Major players

- Honda motor co. ltd
- Toyota Motor Corporation
- Softbank Robotics
- <u>Ubtech Robotics Inc.</u>
- Kawada Robotics Corporation



### **Key Major Trends**

Education Sector to Drive the Humanoids Market

- Studies have shown that teaching processes incorporating robotic-based engagement methods with the students can approach the effectiveness of human tutors. These socially-engaging robots have been used in education and also as weight-loss coaches, play partners, and companions.
- A humanoid robot is expected to be able to give students a top-notch education. Moreover, the upcoming decade is likely to witness a revolution in education with robots as teachers.
- In the case of students with learning difficulties, robots can teach them one-on-one, in such a manner that the instruction is neither too easy nor too difficult, thereby enabling them to enjoy the learning process.
- Moreover, robots can be easily updated with a wide range of current knowledge and the latest teaching methods. Apart from an initial investment, they require much electricity to run and is cost-effective in nature. These features also add up to their appeal as teachers.

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