Presentation draft

Hello. I’m Keisuke Sonoyama and welcome to my presentation about Current and Future Status of IoT. This is the outline.　Firstly,　I’ll introduce you about IoT. Secondly,　I’m going to talk about Current Status of IoT.　Thirdly,　I’ll show example of IoT.　Then I’ll talk about Future Status of IoT. Finally,　I’ll look at conclusion.

Now, let me introduce the IoT. Do you know What is IoT? IoT is the system for connecting things to the Internet. By connecting things to the Internet, we can gather information from things, send information to things and operate things.

Next, let’s discuss the purpose of the IoT. By introducing IoT, we can compensate for labor shortages, improve operational efficiency and develop services and products.

For these reasons, many companies use IoT.

Now I’d like to focus on Current Status of IoT. According to a survey, only 12.4% of companies in Japan have implemented IoT. I think the number of companies which use IoT are surprisingly few. But, IoT is growing rapidly in recent years and the number of devices connected to the IoT is growing. In addition, the use case of IoT has been expanding.

Now, I’d like to show you a example of IoT.

I’ll talk about IoT in agriculture. This is called “スマート農業”. Agriculture has many problems. One of them is that agriculture is troubled by a lack of successors due to a declining birthrate and aging population. Agriculture uses IoT to solve problems. Agriculture can be automated because of IoT. Sensors calculate the appropriate timing and amount of watering and fertilizer application. This automation improves the shortage of successors in agriculture.

OK, so now I’d like to turn to my next point, which is Future Status of IoT. IoT market size is growing every year and is expected to exceed 10 trillion yen by 2025. Furthermore, as IoT becomes more prevalent, we need to process vast amounts of data, but 5G will help IoT spread. 5G can communicate large amounts of data at ultra-high speeds and with ultra-low latency compared to conventional systems. The vast amount of data gathered by IoT devices can be analyzed by AI more efficiently and accurately than by humans; AI is still in its developmental stage, and as machine learning and deep learning evolve, IoT will continue to grow.

In conclusion, IoT has the potential to be used in many areas and will continue to grow even more. And it will be used more and more in our daily life and will be more familiar to us. IoT will change our life dramatically.

Thank you for listening.