

Plug and Play SensorApp Service Scenarios

Kyeseon Lee, Sang Gi Hong and Nae-Soo Kim*

* ETRI(Electronics and Telecommunications Research Institute), Korea

seonny@etri.re.kr

Abstract— Smart devices including smartphones are spreading rapidly. Smart people having smart devices want to use smartly. In order to do this, they try to experience after searching and downloading, installing a variety of APPs. These efforts are unnecessary and a waste of time and results in making them unwisely. Now you do not have to search the required APP. Our scenario tells you the useful APP. For example, let's assume a case where you purchased a smart appliance. You will receive the app for advertising and introducing smart appliances into the store. If you download and install it, you can understand about the product you're using this app. After buying a smart appliance, you will install and receive exclusive apps for smart appliance control works. This is just a Plug and Play SensorApp Service.

Keyword— IoT, Smart Device, Sensor, App, Uploading



Kyeseon Lee received the Master degree in Information and Communications Engineering from Chungnam National University in 2000. She has been working for ETRI since then. Her current research interests include wireless sensor networks, IoT Platform and mobile communications.



Dr. Sang Gi Hong received his BS, MS degrees in Busan National University, Korea, in 1997 and 1999, respectively. He received the PhD degree in Chungnam National University, Korea, in 2013. He has been working for ETRI since 2001. His current research interests include Sensor Signal Processing, IOT Collaborative System and Framework.



Dr. Nae-Soo Kim received his BS, MS degrees in Mathematics from Hannam University, Korea, in 1985 and 1989, respectively. He received the PhD degree in Computer Engineering from Hannam University, Korea, in 2001. After having worked for ADD(Agency for defense development), Korea from 1976 to 1990, he joined ETRI, Korea in 1990 and has been involved with the satellite communication and broadcasting system development projects until 2004. Since 2005, he has worked on RFID and Wireless sensor networks in ETRI. He worked as Project Manager of several projects and also as the Team leader. His current research interests include Internet of Things(IoT) key technologies, IoT software platform based on smart devices, and IoT based Ecological monitoring, etc.