

Medal with Purple Ribbon in 2018 Spring Medals of Honour

In 2018 Spring Medals of Honour, Seizo Onoe, a former NTT DOCOMO Executive Vice President, Member of the Board of Directors and Chief Technology Officer (CTO)[†] received the Medal with Purple Ribbon for his development of radio access control technologies for 3rd and 4th generation mobile telephone systems.

The Medal with Purple Ribbon is awarded to individuals for their inventions and discoveries in the science and technology fields, or their outstanding performance in the academic, sports, arts and culture fields.

Although implementation of mobile communications began in 1979 in Japan, with the expanded usage of computers and the Internet that followed in the 2000's, demands arose for high-speed data transmission and improved frequency usage efficiency with 3rd generation mobile communications systems (hereinafter referred to as "3G") to enable mutually compatible usage through the same systems around the world. After that, in the

2010s, demands arose to achieve 4th generation mobile communications systems (hereinafter referred to as "4G") and smooth transition to 4G for even greater speed and capacity as mobile telephone systems became more entrenched as social infrastructure and traffic continued to increase.

To meet these demands, Mr. Onoe developed new radio access control technology for the 3G international standard IMT-2000 (W-CDMA) to enable flexible base station area configuration. Then, he developed a mechanism for the 4G international standard IMT-Advanced (LTE/LTE-Advanced) to ensure continuity of communications with the shift between the different generation base stations (between 3G and 4G).

These developments contributed to the achievement and spread of 3G and 4G both in Japan and around the world and have enabled comfortable communications with smartphones etc., thus contributing to improving convenience in the lifestyles of citizens. Mr. Onoe received this award in recognition of these achievements.

[†] Currently, President and CEO of DOCOMO Technology, Inc.



Mr. Onoe is in the center of the photo

