IT839 Policy Leading to u-Korea

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ABSTRACT

With the strategic early adoption of IT infrastructure technologies such as the broadband and the CDMA wireless communication in Korea, IT industry has been the major contributor to the recent Korean economic growth, accounting for 15.8% of the real GDP in 2005.

In 2004, Korean Ministry of Information and Communication has established the so-called IT839 strategy as its new IT initiative. IT839 means 8 new IT services which will be deployed within the next three to four years so that service operators invest on 3 new wireless broadband and secure communication infrastructures to offer high-quality ubiquitous service. For rich user experience, 9 hardware and software component industries are defined as the growth engine. The total twenty industry sectors of the IT839 strategy form the IT industry value chain.

In 2005, Korean Ministry of Information and Communication updated its IT839 structure by replacing some of its components to explicitly address the u-Korea framework.

This IT839 strategy will contribute not only to IT industry but bring qualitative changes to the economic and social paradigm. It ultimately aims to realize a ubiquitous world by forming a virtuous circle of developing new services, infrastructure, and growth engines.

To sustain the current momentum, Korea must become proactive in the global collaboration. Korean Ministry of Information and Communication invests in drawing leading global IT companies into Korea for cooperation with Korea R&D partners. During the past two years, twelve global companies established local R&D laboratories in Korea with partial funding from Korean government.

Biography

Dr. Jung-Hee Song serves as the IT policy advisor to Minister of Information and Communication of Korea. She received her BS in Electronics Engineering from Seoul National University in 1981, MS in Electrical Engineering and Computer Science from University of Texas, Austin in 1984, and Ph.D. in Electrical and Computer Engineering from Carnegie-Mellon University in 1989.

From 1989 to 1992, she worked for Samsung Advanced Institute of Technology as senior research staff. From 1992 to 1999, she worked in the strategic planning department of Samsung Electronics.

From 1999 to 2001, Dr. Song was an assistant professor at Sogang University. Prior to her current role at the Ministry of Information and Communication, she served as the CEO of a multimedia education start-up company.