Design of Disaster Alerting Functionality for Digital Signage Service

MiYoung Huh*, Wook Hyun*, SungHei Kim*, ShinGak Kang*

ETRI (Electronics and Telecommunications Research Institute), 218 Gajeong-ro, Yuseong-gu, Daejeon, Korea

myhuh@etri.re.kr, whyun@etri.re.kr, shkim@etri.re.kr, sgkang@etri.re.kr

(Pt9)Abstract— **It is very important sevice to provide disaster alerting function via digital signage. In this paper, we describe the design of functionality to provide disaster alert event produced from the disaster alert agency to the digital signage terminal through the digital signage server.**

(Pt9)Keyword— **Digital Signage, Disaster Alerting, Disaster Measurement Report**

MiYoung Huh is a research staff member with ETRI (Electronics and Telecommunications Research Institutes) since 1990. She has received M.S. degree in Information Communication Engineering from Chung Nam National University, Korea in 2004. Her research interests include VoIP, SIP, IPTV and Digital Signage.

Wook Hyun is a research staff member with ETRI (Electronics and Telecommunications Research Institutes) since 2000. He has received M.S. degree in Information Communication Engineering from Chungnam National University, Korea in 2000. His research interests include VoIP, SIP, NGN, P2P and overlay networking.

SungHei Kim is a research staff member with ETRI (Electronics and Telecommunications Research Institutes) since 1991. She has received M.S. degree in Computer Science from Chung Nam National University, Korea in 1995. Her research interests include network management, NGN, service engineering, multicasting, P2P systems, and overlay networking.

ShinGak Kang received the BE and MSE in electronics engineering from Chungnam University, Korea, in 1984 and 1987, respectively and the Ph.D. degree in engineering from Chungnam University, Korea, in 1998. He is working for ETRI since 1984. Since 2008, he is a professor of the school of engineering, University of Science and Technology, Korea. His research interests include VoIP, IPTV, and future network.